



Description

The DUNGS Dual Modular Valve (DMV-D(LE)/602) combines two normally closed, automatic shutoff valves in one compact housing, which can be wired independently or in parallel. Valve 1 (V1) of the DMV-D and DMV-DLE series is fast opening and fast closing. Valve 2 (V2) of the DMV-D is fast opening, while V2 of the DMV-DLE is slow-opening for smoother light-off. Max. flow adjustment on V2 provides variable main flow on both models.

Application

The DMV/6 is recommended for industrial and commercial heating applications that require two safety shutoff valves in series. The DMV is suitable for natural gas, propane, butane, air and other inert gases.

Optional Approvals

When ordered and installed with Burkert connector plug (part number TBD), the UL Recognized DMV valve may replace a UL Listed valve. Such a substitution is typically required for equipment UL Listed to UL 795.



Harmonized Code: 84814090

Specifications

	DMV-D(LE) 701/602	DMV-D(LE) 702/602	DMV-D(LE) 703/602
Body sizes	1/2" - 1" NPT or Rp	1" - 2" NPT or Rp	1" - 2" NPT or Rp
Pipe size / thread	7 PSI (500 mbar) UL, FM, CE (Class A)	5 PSI (360 mbar) CSA	
Max. operating pressure	110 - 120 Vac/50 - 60 Hz	24 Vac/50 - 60 Hz; 24 Vdc	
Electrical ratings (+10% / -15%)	NEMA Type 12	DIN-connector with 3/4" NPT conduit adapter	
Enclosure rating	100 % duty cycle		
Electrical connection	-40 °F to +150 °F (-40 °C to +65 °C)		
Operating time			
Ambient temperature rating			

Aluminum body; Inlet, intermediate and outlet side taps (G1/8 ISO 228); Inlet gas strainer installed in the housing upstream valves (23 mesh screen); DMV-D - V1 fast opening & closing (<1 s), V2 fast opening & closing (<1 s); DMV-DLE - V1 fast opening & closing (<1s); V2 slow opening 20s MAX @ 70F & fast closing (<1 s); V2 on both models feature a manually adjustable flow rate (<10-100%); 100% duty cycle; Refer to Flow Curves for Body Selection.

Conduit Adapter (240-671), DIN connector (210-319), and flanges must be ordered and priced separately.

Code requirements vary. FM requires visual indication on 1" and larger safety valves. Two visual indicators, (VI) 217-665 or one CPI 400 (CPI) 224 -253A, and one VI meet this requirement. These also must be ordered separately.

Model / Tech. Data	Order No.	List Price
DMV-D 701/602 1/2", 3/4", 1" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 45 VA, NEMA Type 12 FORMERLY: D224842	224-842	826.02
DMV-D 702/602 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 65 VA, NEMA Type 12 FORMERLY: D224843	224-843	1,005.59
DMV-D 703/602 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 90 VA, NEMA Type 12 FORMERLY: D224844	224-844	1,155.22

100 Dual Modular Valves - DMV-D(LE)

Model / Tech. Data	Order No.	List Price
<p>DMV-D 701/602</p> <p>1/2", 3/4", 1" NPT or Rp</p> <p>24 Vac (+10%/-15%) 50-60 Hz, 45 VA, NEMA Type 12</p> <p>FORMERLY: D228220</p>	228-220	826.02
<p>DMV-D 702/602</p> <p>1", 1 1/4", 1 1/2", 2" NPT or Rp</p> <p>24 Vac (+10%/-15%) 50-60 Hz, 60 VA, NEMA Type 12</p> <p>FORMERLY: D228221</p>	228-221	1,005.59
<p>DMV-D 703/602</p> <p>1", 1 1/4", 1 1/2", 2" NPT or Rp</p> <p>24 Vac (+10%/-15%) 50-60 Hz, 80 VA, NEMA Type 12</p> <p>FORMERLY: D228222</p>	228-222	1,155.22
<p>DMV-D 701/602</p> <p>1/2", 3/4", 1" NPT or Rp</p> <p>24 Vdc (+10%/-15%) 45 VA, NEMA Type 12</p> <p>FORMERLY: D226990</p>	226-990	826.02
<p>DMV-D 702/602</p> <p>1", 1 1/4", 1 1/2", 2" NPT or Rp</p> <p>24 Vdc (+10%/-15%) 65 VA, NEMA Type 12</p> <p>FORMERLY: D226991</p>	226-991	1,005.59
<p>DMV-D 703/602</p> <p>1", 1 1/4", 1 1/2", 2" NPT or Rp</p> <p>24 Vdc (+10%/-15%) 80 VA, NEMA Type 12</p> <p>FORMERLY: D226992</p>	226-992	1,155.22
<p>DMV-DLE 701/602</p> <p>1/2", 3/4", 1" NPT or Rp</p> <p>120 Vac (+10%/-15%) 50-60 Hz, 45 VA, NEMA Type 12</p> <p>FORMERLY: D224845</p>	224-845	885.87
<p>DMV-DLE 702/602</p> <p>1", 1 1/4", 1 1/2", 2" NPT or Rp</p> <p>120 Vac (+10%/-15%) 50-60 Hz, 65 VA, NEMA Type 12</p> <p>FORMERLY: D224846</p>	224-846	1,065.44

100 Dual Modular Valves - DMV-D(LE)

Model / Tech. Data	Order No.	List Price														
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Description

The DUNGS Dual Modular Valve with Vent Line Adapter (DMV-VLA) combines all the features of the DUNGS Dual Modular Valve with a factory installed vent line connection between the two automatic shutoff valves.

For main gas lines:

- Up to 1 1/2"; vent line must be 3/4"
- 2"; vent line must be 1"

Application

The DMV-VLA is recommended for industrial and commercial heating applications that require two safety shutoff valves in series with a vent line connection between the safety shutoff valves. The DMV-VLA is suitable for natural gas, propane, butane, air and other inert gases.

Optional Approvals

When ordered and installed with Burkert connector plug (part number TBD), the UL Recognized DMV valve may replace a UL Listed valve. Such a substitution is typically required for equipment UL Listed to UL 795.



Harmonized Code: 84814090

Specifications

Body sizes	DMV 701/602	DMV 702/602	DMV 703/602
Pipe size / thread	1/2" - 1" NPT or Rp	1" - 2" NPT or Rp	1" - 2" NPT or Rp
Vent Line Connection	3/4" NPT	1" NPT	1" NPT
Max. operating pressure	7 PSI (500 mbar) UL, FM	5 PSI (360 mbar) CSA	
Electrical ratings (+10% / -15%)	110 - 120 Vac/50 - 60 Hz 24 Vac/ 50 - 60 Hz; 24 Vdc		
Enclosure rating	NEMA Type 12		
Electrical connection	DIN-connector with 1/2" NPT conduit adapter		
Operating time	100 % duty cycle		
Ambient temperature rating	-40 °F to +150 °F (-40 °C to +65 °C)		

Aluminum body; Inlet, intermediate and outlet side taps (G1/8 ISO 228); Inlet gas strainer installed in the housing upstream valves (23 mesh screen); DMV-D - V1 fast opening & closing (<1 s), V2 fast opening & closing (<1 s); DMV-DLE - V1 fast opening & closing (<1s); V2 slow opening 20s MAX @ 70F & fast closing (<1 s); V2 on both models feature a manually adjustable flow rate (<10-100%); 100% duty cycle; Refer to Flow Curves for Body Selection.

Conduit Adapter (240-671), DIN connector (210-319), and flanges must be ordered and priced separately.

Code requirements vary. FM requires visual indication on 1" and larger safety valves. Two visual indicators, (VI) 217-665 or one CPI 400 (CPI) 224 -253A, and one VI meet this requirement. These also must be ordered separately.

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DMV-D 702/602 with VLA 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 65 VA, NEMA Type 12 FORMERLY: 46042-51	224-843V	1,124.81
DMV-D 703/602 with VLA 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 90 VA, NEMA Type 12 FORMERLY: 46042-52	224-844V	1,274.47

100 Dual Modular Valves with Vent Line Adapter - DMV-D(LE)

Model / Tech. Data	Order No.	List Price								
DMV-DLE 701 W/VLA ASSY 224-845V		996.15								
1/2", 3/4", 1" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 45 VA, NEMA Type 12 FORMERLY: 46032-50	<table> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>100</td> </tr> <tr> <td>Weight (lbs.)</td> <td>4.80</td> </tr> <tr> <td>Weight (Kg.)</td> <td>2.18</td> </tr> </table>	Delivery Info	B	Product Group	100	Weight (lbs.)	4.80	Weight (Kg.)	2.18	
Delivery Info	B									
Product Group	100									
Weight (lbs.)	4.80									
Weight (Kg.)	2.18									
DMV-DLE 702 W/VLA ASSY 224-846V		1,184.68								
1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 65 VA, NEMA Type 12 FORMERLY: 46032-51	<table> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>100</td> </tr> <tr> <td>Weight (lbs.)</td> <td>11.70</td> </tr> <tr> <td>Weight (Kg.)</td> <td>5.31</td> </tr> </table>	Delivery Info	B	Product Group	100	Weight (lbs.)	11.70	Weight (Kg.)	5.31	
Delivery Info	B									
Product Group	100									
Weight (lbs.)	11.70									
Weight (Kg.)	5.31									
DMV-DLE 703 W/VLA ASSY 224-847V		1,334.31								
1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 90 VA, NEMA Type 12 FORMERLY: 46032-52	<table> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>100</td> </tr> <tr> <td>Weight (lbs.)</td> <td>13.30</td> </tr> <tr> <td>Weight (Kg.)</td> <td>6.04</td> </tr> </table>	Delivery Info	B	Product Group	100	Weight (lbs.)	13.30	Weight (Kg.)	6.04	
Delivery Info	B									
Product Group	100									
Weight (lbs.)	13.30									
Weight (Kg.)	6.04									



Description

The DUNGS Dual Modular Valve (DMV-D(LE)/622) combines all the features of the DUNGS Dual Modular Valve DMV-D(LE)/6 plus valve 2 incorporates overtravel and a proof of closure switch which is factory mounted and set.

Application

The DUNGS DMV/622 is recommended for industrial and commercial heating applications that require two safety shutoff valves with valve 2 Incorporating overtravel and a proof of closure switch. The DMV/62 is suitable for natural gas, propane, butane, air and other inert gases.

Optional Approvals

When ordered and installed with Burkert connector plug (part number TBD), the UL Recognized DMV valve may replace a UL Listed valve. Such a substitution is typically required for equipment UL Listed to UL 795.



Harmonized Code: 84814090

Specifications

Body sizes	DMV 701/622	DMV 702/622	DMV 703/622
Pipe size / thread	1/2" -1" NPT or Rp	1" - 2" NPT or Rp	1" - 2" NPT or Rp
Max. operating pressure	7 PSI (500 mbar) UL, FM	5 PSI (360 mbar) CSA	
Max. close off pressure	10 PSI (700 mbar) UL, FM		
Electrical ratings (+10% / -15%)	110 - 120 Vac/50 - 60 Hz	24 Vac/ 50 - 60 Hz; 24 Vdc	
Enclosure rating	NEMA Type 12		
Electrical connection	DIN-connector with 1/2" NPT conduit adapter		
Operating time	100 % duty cycle		
Ambient temperature rating	-40 °F to +150 °F (-40 °C to +65 °C)		

Aluminum body; Inlet, intermediate and outlet side taps (G1/8 ISO 228); Inlet gas strainer installed in the housing upstream valves (23 mesh screen); DMV-D - V1 fast opening & closing (<1 s), V2 fast opening & closing (<1 s); DMV-DLE - V1 fast opening & closing (<1s); V2 slow opening 20s MAX @ 70F & fast closing (<1 s); V2 on both models feature a manually adjustable flow rate (<10-100%); 100% duty cycle; Refer to Flow Curves for Body Selection. Conduit Adapter (240-671), DIN connector (210-319), and flanges must be ordered and priced separately. Code requirements vary. FM requires visual indication on 1" and larger safety valves. The visual indicator, (VI) 217-665 meets this requirement. The visual indicator must be ordered separately for valve 1. **Factory mounted and calibrated proof of closure switch:** SPDT 10 A resistive, 8 FLA, 48 LRA @ 120 Vac; NEMA type 4; - 40 °F to +150 °F (-40 °C to +65 °C); Switch incorporates visual indication of valve (opened & closed).

Model / Tech. Data	Order No.	List Price
DMV-D 701/622 1/2", 3/4", 1" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 45 VA, NEMA Type 12 FORMERLY: D243761	243-761P	1,080.62
DMV-D 702/622 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 65 VA, NEMA Type 12 FORMERLY: D230791	230-791P	1,260.19
DMV-D 703/622 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 90 VA, NEMA Type 12 FORMERLY: D230793	230-793P	1,409.83

100 Dual Modular Valves with Proof of Closure - DMV-D(LE)

Model / Tech. Data	Order No.	List Price								
DMV-DLE 701/622 244-000P		1,185.38								
1/2", 3/4", 1" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 45 VA, NEMA Type 12 FORMERLY: D244000	<table> <tr> <td>Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>100</td> </tr> <tr> <td>Weight (lbs.)</td> <td>4.80</td> </tr> <tr> <td>Weight (Kg.)</td> <td>2.18</td> </tr> </table>	Delivery Info	A	Product Group	100	Weight (lbs.)	4.80	Weight (Kg.)	2.18	
Delivery Info	A									
Product Group	100									
Weight (lbs.)	4.80									
Weight (Kg.)	2.18									
DMV-DLE 702/622 230-792P		1,364.95								
1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 65 VA, NEMA Type 12 FORMERLY: D230792	<table> <tr> <td>Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>100</td> </tr> <tr> <td>Weight (lbs.)</td> <td>10.40</td> </tr> <tr> <td>Weight (Kg.)</td> <td>4.72</td> </tr> </table>	Delivery Info	A	Product Group	100	Weight (lbs.)	10.40	Weight (Kg.)	4.72	
Delivery Info	A									
Product Group	100									
Weight (lbs.)	10.40									
Weight (Kg.)	4.72									
DMV-DLE 703/622 230-794P		1,514.59								
1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 90 VA, NEMA Type 12 FORMERLY: D230794	<table> <tr> <td>Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>100</td> </tr> <tr> <td>Weight (lbs.)</td> <td>12.00</td> </tr> <tr> <td>Weight (Kg.)</td> <td>5.45</td> </tr> </table>	Delivery Info	A	Product Group	100	Weight (lbs.)	12.00	Weight (Kg.)	5.45	
Delivery Info	A									
Product Group	100									
Weight (lbs.)	12.00									
Weight (Kg.)	5.45									



Description

The DUNGS Dual Modular Valve (DMV-D(LE)/622) incorporates overtravel and a proof of closure switch which is factory mounted and set with a Vent Line Adapter (VLA) that is also factory installed.

For main gas lines:

- Up to 1 1/2"; vent line must be 3/4"
- 2"; vent line must be 1"

Application

The DMV-VLA is recommended for industrial and commercial heating applications that require two safety shutoff valves with valve 2 Incorporating overtravel and a proof of closure switch and a vent line connection between the safety shutoff valves. The DMV-D(LE) is suitable for natural gas, propane, butane, air and other inert gases.

Optional Approvals

When ordered and installed with Burkert connector plug (part number TBD), the UL Recognized DMV valve may replace a UL Listed valve. Such a substitution is typically required for equipment UL Listed to UL 795.



Harmonized Code: 84814090

Specifications

	DMV 701/622	DMV 702/622	DMV 703/622
Body sizes	1/2" - 1" NPT or Rp	1" - 2" NPT or Rp	1" - 2" NPT or Rp
Pipe size / thread	3/4" NPT	1" NPT	1" NPT
Vent Line Connection	7 PSI (500 mbar) UL, FM	5 PSI (360 mbar) CSA	
Max. operating pressure	110 - 120 Vac/50 - 60 Hz		
Electrical ratings (+10% / -15%)	24 Vac/ 50 - 60 Hz; 24 Vdc		
Enclosure rating	NEMA Type 12		
Electrical connection	DIN-connector with 1/2" NPT conduit adapter		
Operating time	100 % duty cycle		
Ambient temperature rating	-40 °F to +150 °F (-40 °C to +65 °C)		

Aluminum body; Inlet, intermediate and outlet side taps (G1/8 ISO 228); Inlet gas strainer installed in the housing upstream valves (23 mesh screen); DMV-D - V1 fast opening & closing (<1 s), V2 fast opening & closing (<1 s); DMV-DLE - V1 fast opening & closing (<1s); V2 slow opening 20s MAX @ 70F & fast closing (<1 s); V2 on both models feature a manually adjustable flow rate (<10-100%); 100% duty cycle; Refer to Flow Curves for Body Selection. Conduit Adapter (240-671), DIN connector (210-319), and flanges must be ordered and priced separately. Code requirements vary. FM requires visual indication on 1" and larger safety valves. The visual indicator, (VI) 217-665 meets this requirement. The visual indicator must be ordered separately for valve 1. **Factory mounted and calibrated proof of closure switch:** SPDT 10 A resistive, 8 FLA, 48 LRA @ 120 Vac; NEMA type 4; - 40 °F to +150 °F (-40 °C to +65 °C); Switch incorporates visual indication of valve (opened & closed).

Model / Tech. Data	Order No.	List Price
DMV-D 701/622 with VLA 3/4", 1/2", 1" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 45 VA, NEMA Type 12 FORMERLY: 46042-34	243-761VP	1,190.90
DMV-D 702/622 W/VLA 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 65 VA, NEMA Type 12 FORMERLY: 46042-35	230-791VP	1,379.42
DMV-D 703/622 with VLA 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 90 VA, NEMA Type 12 FORMERLY: 46042-36	230-793VP	1,529.07

100 Dual Modular Valves with Proof of Closure & Vent Line Adapter - DMV-D(LE)

Model / Tech. Data	Order No.	List Price								
<p>DMV-DLE 701/622 with VLA</p> <p>3/4", 1/2", 1" NPT or Rp</p> <p>120 Vac (+10%/-15%) 50-60 Hz, 45 VA, NEMA Type 12</p> <p>FORMERLY: 46032-34</p>	<p>244-000VP</p> <table border="1"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>100</td> </tr> <tr> <td>Weight (lbs.)</td> <td>5.20</td> </tr> <tr> <td>Weight (Kg.)</td> <td>2.36</td> </tr> </table>	Delivery Info	B	Product Group	100	Weight (lbs.)	5.20	Weight (Kg.)	2.36	<p>1,295.66</p>
Delivery Info	B									
Product Group	100									
Weight (lbs.)	5.20									
Weight (Kg.)	2.36									
<p>DMV-DLE 702/622 with VLA</p> <p>1", 1 1/4", 1 1/2", 2" NPT or Rp</p> <p>120 Vac (+10%/-15%) 50-60 Hz, 65 VA, NEMA Type 12</p> <p>FORMERLY: 46032-35</p>	<p>230-792VP</p> <table border="1"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>100</td> </tr> <tr> <td>Weight (lbs.)</td> <td>10.80</td> </tr> <tr> <td>Weight (Kg.)</td> <td>4.90</td> </tr> </table>	Delivery Info	B	Product Group	100	Weight (lbs.)	10.80	Weight (Kg.)	4.90	<p>1,484.17</p>
Delivery Info	B									
Product Group	100									
Weight (lbs.)	10.80									
Weight (Kg.)	4.90									
<p>DMV-DLE 703/622 with VLA</p> <p>1", 1 1/4", 1 1/2", 2" NPT or Rp</p> <p>120 Vac (+10%/-15%) 50-60 Hz, 90 VA, NEMA Type 12</p> <p>FORMERLY: 46032-36</p>	<p>230-794VP</p> <table border="1"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>100</td> </tr> <tr> <td>Weight (lbs.)</td> <td>12.40</td> </tr> <tr> <td>Weight (Kg.)</td> <td>5.63</td> </tr> </table>	Delivery Info	B	Product Group	100	Weight (lbs.)	12.40	Weight (Kg.)	5.63	<p>1,633.83</p>
Delivery Info	B									
Product Group	100									
Weight (lbs.)	12.40									
Weight (Kg.)	5.63									



Description

The DUNGS Dual Modular Valve (DMV-D(LE)/604) combines two normally closed, automatic shutoff valves in one compact housing (Rated as a NEMA Type 4x enclosure), which can be wired independently or in parallel. Valve 1 (V1) of the DMV-D and DMV-DLE series is fast opening and fast closing. Valve 2 (V2) of the DMV-D is fast opening, while V2 of the DMV-DLE is slow-opening for smoother light-off. Max. flow adjustment on V2 provides variable main flow on both models.

Application

The DUNGS DMV-D(LE)/604 is recommended for industrial and commercial heating applications that require two safety shutoff valves in series with a NEMA Type 4x enclosure. The (DMV-D(LE)/604) is suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 84814090

Specifications

Body sizes	DMV-D(LE) 702/604 & DMV-D(LE) 703/604	DMV-D(LE) 704/604
Pipe size / thread	1" - 2" NPT or Rp	2" NPT or Rp
Max. operating pressure	7 PSI (500 mbar) UL, FM 5 PSI (360 mbar) CSA	
Max. close off pressure	10 PSI (700 mbar) UL, FM	
Electrical ratings (+10% / -15%)	110 - 120 Vac/50 - 60 Hz	
Enclosure rating	NEMA Type 4x	
Electrical connection	Screw terminals with 1/2" NPT conduit connection	
Operating time	100 % duty cycle	
Ambient temperature rating	-20 °F to +140 °F (-30 °C to +60 °C)	(704) +5 °F to +140 °F (-15 °C to +60 °C)

Aluminum body; Inlet, intermediate and outlet side taps (G1/8 ISO 228); Inlet gas strainer installed in the housing upstream valves (23 mesh screen); DMV-D - V1 fast opening & closing (<1 s), V2 fast opening & closing (<1 s); DMV-DLE - V1 fast opening & closing (<1s); V2 slow opening 20s MAX @ 70F & fast closing (<1 s); V2 on both models feature a manually adjustable flow rate (<10-100%); 100% duty cycle; Refer to Flow Curves for Body Selection.

Flanges must be ordered and priced separately.

Code requirements vary. FM requires visual indication on 1" and larger safety valves. Two visual indicators, (VI) 217-665 or one CPI 400 (CPI) 224 -253A, and one VI meet this requirement. These also must be ordered separately.

Model / Tech. Data	Order No.	List Price
DMV-D 702/604L 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 60 VA, NEMA Type 4x FORMERLY: D240610	240-610	1,131.29
DMV-D 703/604L 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 80 VA, NEMA Type 4x FORMERLY: D241436	241-436	1,280.93
DMV-D 704/604 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 110 VA, NEMA Type 4X; CSA APPROVED ONLY FORMERLY: D241625	241-625	1,575.82

102 Dual Modular Valves NEMA Type 4x - DMV-D(LE)

Model / Tech. Data	Order No.	List Price
<p>DMV-DLE 702/604L</p> <p>1", 1 1/4", 1 1/2", 2" NPT or Rp</p> <p>120 Vac (+10%/-15%) 50-60 Hz, 60 VA, NEMA Type 4x</p> <p>FORMERLY: D240805</p>	<p>240-805</p> <p>Delivery Info B</p> <p>Product Group 102</p> <p>Weight (lbs.) 10.40</p> <p>Weight (Kg.) 4.72</p>	<p>1,191.15</p>
<p>DMV-DLE 703/604L</p> <p>1", 1 1/4", 1 1/2", 2" NPT or Rp</p> <p>120 Vac (+10%/-15%) 50-60 Hz, 80 VA, NEMA Type 4x</p> <p>FORMERLY: D241435</p>	<p>241-435</p> <p>Delivery Info B</p> <p>Product Group 102</p> <p>Weight (lbs.) 12.00</p> <p>Weight (Kg.) 5.45</p>	<p>1,340.78</p>
<p>DMV-DLE 704/604</p> <p>2" NPT or Rp</p> <p>120 Vac (+10%/-15%) 50-60 Hz, 110 VA, NEMA Type 4X; CSA APPROVED ONLY</p> <p>FORMERLY: D241617</p>	<p>241-617</p> <p>Delivery Info B</p> <p>Product Group 102</p> <p>Weight (lbs.) 26.60</p> <p>Weight (Kg.) 12.08</p>	<p>1,641.37</p>



Description

The DUNGS Dual Modular Valve (DMV-D(LE)/624) with a Vent Line Adapter (VLA) that is factory installed.

For main gas lines:

- Up to 1 1/2"; vent line must be 3/4"
- 2"; vent line must be 1"

Application

The DUNGS DMV-D(LE)/604 is recommended for industrial and commercial heating applications that require two safety shutoff valves in series with a vent line connection between the safety shutoff valves and NEMA Type 4x enclosure. The DMV-D(LE)/604 is suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 84814090

Specifications

Body sizes	DMV 702/604	DMV 703/604
Pipe size / thread	1" - 2" NPT or Rp	1" - 2" NPT or Rp
Vent Line Connection	1" NPT	1" NPT
Max. operating pressure	7 PSI (500 mbar) UL, FM	5 PSI (360 mbar) CSA
Electrical ratings (+10% / -15%)	110 - 120 Vac/50 - 60 Hz 24 Vac/ 50 - 60 Hz; 24 Vdc	
Enclosure rating	NEMA Type 4x	
Electrical connection	Screw terminals with 1/2" NPT conduit connection	
Operating time	100 % duty cycle	
Ambient temperature rating	-20 °F to +140 °F (-30 °C to +60 °C)	

Aluminum body; Inlet, intermediate and outlet side taps (G1/8 ISO 228); Inlet gas strainer installed in the housing upstream valves (23 mesh screen); DMV-D - V1 fast opening & closing (<1 s), V2 fast opening & closing (<1 s); DMV-DLE - V1 fast opening & closing (<1s); V2 slow opening 20s MAX @ 70F & fast closing (<1 s); V2 on both models feature a manually adjustable flow rate (<10-100%); 100% duty cycle; Refer to Flow Curves for Body Selection. Flanges must be ordered and priced separately. Code requirements vary. FM requires visual indication on 1" and larger safety valves. Two visual indicators, (VI) 217-665 or one CPI 400 (CPI) 224-253A, and one VI meet this requirement. These also must be ordered separately.

Model / Tech. Data	Order No.	List Price
DMV-D 702/604L with VLA 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 60 VA, NEMA Type 4x FORMERLY: 46042-60	240-610V Delivery Info B Product Group 102 Weight (lbs.) 10.50 Weight (Kg.) 4.77	1,250.51
DMV-D 703/604L with VLA 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 80 VA, NEMA Type 4x FORMERLY: 46042-61	241-436V Delivery Info B Product Group 102 Weight (lbs.) 12.10 Weight (Kg.) 5.49	1,400.15
DMV-DLE 702/604L with VLA 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 60 VA, NEMA Type 4x FORMERLY: 46032-60	240-805V Delivery Info B Product Group 102 Weight (lbs.) 10.60 Weight (Kg.) 4.81	1,310.37

102 Dual Modular Valves NEMA Type 4x with Vent Line Adapter - DMV-D(LE)

Model / Tech. Data	Order No.	List Price								
DMV-DLE 703/604L with VLA	241-435V	1,460.01								
1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 80 VA, NEMA Type 4x FORMERLY: 46032-61	<table border="1"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>102</td> </tr> <tr> <td>Weight (lbs.)</td> <td>12.20</td> </tr> <tr> <td>Weight (Kg.)</td> <td>5.54</td> </tr> </table>	Delivery Info	B	Product Group	102	Weight (lbs.)	12.20	Weight (Kg.)	5.54	
Delivery Info	B									
Product Group	102									
Weight (lbs.)	12.20									
Weight (Kg.)	5.54									



Description

The DUNGS Dual Modular Valve (DMV-D(LE)/624; 634) with Proof of Closure combines all the features of the DUNGS Dual Modular Valve DMV/604 plus overtravel and a proof of closure switch which is factory mounted and set.

Application

The DUNGS DMV/624;634 is recommended for industrial and commercial heating applications that require two safety shutoff valves in series where the application requires overtravel and a proof of closure switch(s) and NEMA Type 4x enclosure. The DMV-D(LE) /624;634 is suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 84814090

Specifications

Body sizes	DMV-D(LE) 702/624 & DMV-D(LE) 703/624	DMV-D(LE) 704/624;634
Pipe size / thread	1" - 2" NPT or Rp	2" NPT or Rp
Max. operating pressure	7 PSI (500 mbar) UL, FM 5 PSI (360 mbar) CSA	
Max. close off pressure	10 PSI (700 mbar) UL, FM	
Electrical ratings (+10% / -15%)	110 - 120 Vac/50 - 60 Hz	
Enclosure rating	NEMA Type 4x	
Electrical connection	Screw terminals with 1/2" NPT conduit connection	
Operating time	100 % duty cycle	
Ambient temperature rating	-20 °F to +140 °F (-30 °C to +60 °C)	(704) +5 °F to +140 °F (-15 °C to +60 °C)

Aluminum body; Inlet, intermediate and outlet side taps (G1/8 ISO 228); Inlet gas strainer installed in the housing upstream valves (23 mesh screen); DMV-D - V1 fast opening & closing (<1 s), V2 fast opening & closing (<1 s); DMV-DLE - V1 fast opening & closing (<1s); V2 slow opening 20s MAX @ 70F & fast closing (<1 s); V2 on both models feature a manually adjustable flow rate (<10-100%); 100% duty cycle; Refer to Flow Curves for Body Selection. Includes 1 POC switch. Flanges must be ordered and priced separately. Code requirements vary. FM requires visual indication on 1" and larger safety valves. The visual indicator, (VI) 217-665 meets this requirement. The visual indicator must be ordered separately for valve 1. **Factory mounted and calibrated proof of closure switch:** SPDT 10 A resistive, 8 FLA, 48 LRA @ 120 Vac; NEMA type 4; - 40 °F to +150 °F (-40 °C to +65 °C); Switch incorporates visual indication of valve (opened & closed).

Model / Tech. Data	Order No.	List Price
DMV-D 702/624L 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 65 VA, NEMA Type 4x FORMERLY: D244167	244-167P	1,385.89
DMV-D 703/624L 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 90 VA, NEMA Type 4x FORMERLY: D244166	244-166P	1,535.53
DMV-D 704/624 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 110 VA, NEMA Type 4x; POC on Valve 2 ONLY; CSA APPROVED ONLY FORMERLY: 46032-40	242-489P	1,853.22

102 Dual Modular Valves NEMA Type 4x with Proof of Closure - DMV-D(LE)

Model / Tech. Data		Order No.	List Price
DMV-D 704/634		242-489PP	2,115.45
2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 110 VA, NEMA Type 4x; POC on BOTH Valves; CSA APPROVED ONLY FORMERLY: D242489		Delivery Info B Product Group 102 Weight (lbs.) 26.60 Weight (Kg.) 12.08	
DMV-DLE 702/624L		244-168P	1,490.64
1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 65 VA, NEMA Type 4x FORMERLY: D244168		Delivery Info B Product Group 102 Weight (lbs.) 10.40 Weight (Kg.) 4.72	
DMV-DLE 703/624L		244-165P	1,640.28
1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 90 VA, NEMA Type 4x FORMERLY: D244165		Delivery Info B Product Group 102 Weight (lbs.) 12.00 Weight (Kg.) 5.45	
DMV-DLE 704/624		242-490P	1,967.97
2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 110 VA, NEMA Type 4x; POC on Valve 2 ONLY; CSA APPROVED ONLY FORMERLY: 46042-40		Delivery Info B Product Group 102 Weight (lbs.) 27.00 Weight (Kg.) 12.26	
DMV-DLE 704/634		242-490PP	2,279.35
2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 110 VA, NEMA Type 4x; POC on BOTH Valves; CSA APPROVED ONLY FORMERLY: D242490		Delivery Info B Product Group 102 Weight (lbs.) 27.00 Weight (Kg.) 12.26	



Description

The DUNGS Dual Modular Valve (DMV-D(LE)/622) incorporates overtravel and a proof of closure switch which is factory mounted and set with a Vent Line Adapter (VLA) that is also factory installed.

For main gas lines:

- Up to 1 1/2"; vent line must be 3/4"
- 2"; vent line must be 1"

Application

The DMV-VLA is recommended for industrial and commercial heating applications that require two safety shutoff valves with valve 2 Incorporating overtravel and a proof of closure switch with a vent line connection between the safety shutoff valves and NEMA Type 4x enclosure. The DMV-D(LE)/624 is suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 84814090

Specifications

Body sizes	DMV 702/624	DMV 703/624
Pipe size / thread	1" - 2" NPT or Rp	1" - 2" NPT or Rp
Vent Line Connection	1" NPT	1" NPT
Max. operating pressure	7 PSI (500 mbar) UL, FM	5 PSI (360 mbar) CSA
Electrical ratings (+10% / -15%)	110 - 120 Vac/50 - 60 Hz 24 Vac/ 50 - 60 Hz; 24 Vdc	
Enclosure rating	NEMA Type 4x	
Electrical connection	Screw terminals with 1/2" NPT conduit connection	
Operating time	100 % duty cycle	
Ambient temperature rating	-20 °F to +140 °F (-30 °C to +60 °C)	

Aluminum body; Inlet, intermediate and outlet side taps (G1/8 ISO 228); Inlet gas strainer installed in the housing upstream valves (23 mesh screen); DMV-D - V1 fast opening & closing (<1 s), V2 fast opening & closing (<1 s); DMV-DLE - V1 fast opening & closing (<1s); V2 slow opening 20s MAX @ 70F & fast closing (<1 s); V2 on both models feature a manually adjustable flow rate (<10-100%); 100% duty cycle; Refer to Flow Curves for Body Selection. Includes 1 POC switch. Flanges must be ordered and priced separately. Code requirements vary. FM requires visual indication on 1" and larger safety valves. The visual indicator, (VI) 217-665 meets this requirement. The visual indicator must be ordered separately for valve 1. **Factory mounted and calibrated proof of closure switch:** SPDT 10 A resistive, 8 FLA, 48 LRA @ 120 Vac; NEMA type 4; - 40 °F to +150 °F (-40 °C to +65 °C); Switch incorporates visual indication of valve (opened & closed).

Model / Tech. Data	Order No.	List Price
DMV-D 702/624L with VLA 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 60 VA, NEMA Type 4x FORMERLY: 46042-38	244-167VP	1,505.12
DMV-D 703/624L with VLA 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 80 VA, NEMA Type 4x FORMERLY: 46042-39	244-166VP	1,654.77
DMV-DLE 702/624L with VLA 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 60 VA, NEMA Type 4x FORMERLY: 46032-38	244-168VP	1,609.88

102 Dual Modular Valves NEMA Type 4x with Proof of Closure & Vent Line Adapter - DMV-D(LE)

Model / Tech. Data	Order No.	List Price								
<p>DMV-DLE 703/624L with VLA</p> <p>1", 1 1/4", 1 1/2", 2" NPT or Rp</p> <p>120 Vac (+10%/-15%) 50-60 Hz, 80 VA, NEMA Type 4x</p> <p>FORMERLY: 46032-39</p>	<p>244-165VP</p> <table border="1"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>102</td> </tr> <tr> <td>Weight (lbs.)</td> <td>12.60</td> </tr> <tr> <td>Weight (Kg.)</td> <td>5.72</td> </tr> </table>	Delivery Info	B	Product Group	102	Weight (lbs.)	12.60	Weight (Kg.)	5.72	<p>1,759.52</p>
Delivery Info	B									
Product Group	102									
Weight (lbs.)	12.60									
Weight (Kg.)	5.72									



Description

The DUNGS Dual Modular Valve (DMV) combines two normally closed, automatic shutoff valves in one compact housing, which can be wired independently or in parallel. Valve 1 (V1) of the DMV, DMV-D, and DMV-DLE series is fast opening and fast closing. Valve 2 (V2) of the DMV-D is fast opening, while V2 of the DMV-DLE is slow-opening for smoother light-off. Max. flow adjustment on V1 provides variable main flow on the DMV-D and DMV-DLE models.

Application

The DMV/11 is recommended for industrial and commercial heating applications that require two safety shutoff valves in series. The DMV is suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 84814090

Specifications

Pipe size	2" NPT or Rp
Max. operating pressure	7 PSI (500 mbar) FM, CE (Class A) 5 PSI (360 mbar) CSA
Electrical ratings (+10% / -15%)	110 - 120 Vac/50 - 60 Hz; 220 - 240 Vac/50 - 60 Hz 24 Vac/ 50 - 60 Hz; 24 Vdc
Enclosure rating	NEMA Type 12
Electrical connection	DIN-connector with 1/2" NPT conduit adapter
Operating time	100 % duty cycle
Ambient temperature rating	+5°F to +140 °F (-15 °C to +60 °C)

Aluminum body; Inlet, intermediate and outlet side taps (G1/8 ISO 228); Inlet gas strainer installed in the housing upstream valves (23 mesh screen); DMV, DMV-D - V1 fast opening & closing (<1 s), V2 fast opening & closing (<1 s); DMV-DLE - V1 fast opening & closing (<1s); V2 slow opening 20s MAX @ 70F & fast closing (<1 s); V2 on DMV-D and DMV-DLE feature a manually adjustable flow rate (<10-100%); 100% duty cycle; Refer to Flow Curves for Body Selection.

Conduit Adapter (240-671), DIN connector (210-319), and flanges must be ordered and priced separately.

Code requirements vary. FM requires visual indication on 1" and larger safety valves. A combination of visual indicators, (VI) 217-665 and CPI 400's (CPI) 224-253A, meet this requirement. These also must be ordered separately.

Model / Tech. Data	Order No.	List Price
DMV-D 525/11 2" NPT or Rp 110 Vac (+10%/-15%) 50-60 Hz, Starting Power [W] 2x65, Holding Power [W] 2x16, NEMA Type 12 CE Approved Only, CSA/FM Pending	256-206	1,411.92
DMV-D 525/11 2" NPT or Rp 220 Vac (+10%/-15%) 50-60 Hz, Starting Power [W] 2x65, Holding Power [W] 2x16, NEMA Type 12 CE Approved Only, CSA/FM Pending	256-151	1,411.92
DMV 525/11 2" NPT or Rp 24 Vdc (+10%/-15%) Starting Power [W] 2x65, Holding Power [W] 2x16, NEMA Type 12 CE Approved Only, CSA/FM Pending	256-278	1,411.92

103 Dual Modular Valves High Capacity - DMV-D(LE)

Model / Tech. Data	Order No.	List Price
DMV-DLE 525/11	256-208	1,625.24
2" NPT or Rp 110 Vac (+10%/-15%) 50-60 Hz, Starting Power [W] 2x65, Holding Power [W] 2x16, NEMA Type 12 CE Approved Only, CSA/FM Pending	Delivery Info NP Product Group 103 Weight (lbs.) 15.80 Weight (Kg.) 7.17	
DMV-DLE 525/11	256-172	1,625.24
2" NPT or Rp 220 Vac (+10%/-15%) 50-60 Hz, Starting Power [W] 2x65, Holding Power [W] 2x16, NEMA Type 12 CE Approved Only, CSA/FM Pending	Delivery Info NP Product Group 103 Weight (lbs.) 15.80 Weight (Kg.) 7.17	
DMV-D 525/11	223-368	1,411.92
2" NPT or Rp 110 Vac (+10%/-15%) 50-60 Hz, 110 VA, NEMA Type 12	Delivery Info C Product Group 103 Weight (lbs.) 26.60 Weight (Kg.) 12.08	
DMV-D 525/11	223-367	1,411.92
2" NPT or Rp 220 Vac (+10%/-15%) 50-60 Hz, 110 VA, NEMA Type 12	Delivery Info C Product Group 103 Weight (lbs.) 26.60 Weight (Kg.) 12.08	
DMV-D 525/11	223-370	1,411.92
2" NPT or Rp 24 Vdc (+10%/-15%), 110 VA, NEMA Type 12	Delivery Info C Product Group 103 Weight (lbs.) 26.60 Weight (Kg.) 12.08	
DMV-DLE 525/11	223-374	1,625.24
2" NPT or Rp 110 Vac (+10%/-15%) 50-60 Hz, 110 VA, NEMA Type 12	Delivery Info C Product Group 103 Weight (lbs.) 27.00 Weight (Kg.) 12.26	
DMV-DLE 525/11	223-373	1,625.24
2" NPT or Rp 220 Vac (+10%/-15%) 50-60 Hz, 110 VA, NEMA Type 12	Delivery Info C Product Group 103 Weight (lbs.) 27.00 Weight (Kg.) 12.26	
DMV-DLE 525/11	223-376	1,625.24
2" NPT or Rp 24 Vdc (+10%/-15%), 110 VA, NEMA Type 12	Delivery Info C Product Group 103 Weight (lbs.) 27.00 Weight (Kg.) 12.26	



Description

The DUNGS Flanged Dual Modular Valve (DMV) combines two normally closed, automatic shutoff valves in one compact housing, which can be wired independently or in parallel. Valve 1 (V1) of the DMV, DMV-D and DMV-DLE series is fast opening and fast closing. Valve 2 (V2) of the DMV and DMV-D is fast opening, while V2 of the DMV-DLE is slow-opening for smoother light-off. Max. flow adjustment on V1 provides variable main flow on the DMV-D and DMV-DLE models.

Application

The DMV/11 is recommended for industrial and commercial heating applications that require two safety shutoff valves in series. The DMV is suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 84814090

Specifications

Pipe size	DN 40 to DN 125 (1-1/2" - 5")
Max. operating pressure	7 PSI (500 mbar) FM, CE (Class A) 5 PSI (360 mbar) CSA
Electrical ratings (+10% / -15%)	110 - 120 Vac/50 - 60 Hz; 220 - 240 Vac/50 - 60 Hz 24 Vac/ 50 - 60 Hz; 24 Vdc
Enclosure rating	NEMA Type 12
Electrical connection	DIN-connector with 1/2" NPT conduit adapter
Operating time	100 % duty cycle
Ambient temperature rating	+5°F to +140 °F (-15 °C to +60 °C)

Aluminum body; Inlet, intermediate and outlet side taps (G1/8 ISO 228); Inlet gas strainer installed in the housing upstream valves (23 mesh screen); DMV, DMV-D - V1 fast opening & closing (<1 s), V2 fast opening & closing (<1 s); DMV-DLE - V1 fast opening & closing (<1s); V2 slow opening 20s MAX @ 70F & fast closing (<1 s); V2 on DMV-D and DMV-DLE feature a manually adjustable flow rate (<10-100%); 100% duty cycle; Refer to Flow Curves for Body Selection.

Conduit Adapter (240-671), DIN connector (210-319), and flanges must be ordered and priced separately.

Code requirements vary. FM requires visual indication on 1" and larger safety valves. Two visual indicators, (VI) 217-665 or one CPI 400 (CPI) 224 -253A, and one VI meet this requirement. These also must be ordered separately.

Model / Tech. Data	Order No.	List Price								
DMV-D 5050/11 DN. 50 to ISO 7005-1 PN40 110 Vac (+10%/-15%) 50-60 Hz, 90 VA, NEMA Type 12 FORMERLY: D226064	226-064	1,764.42								
<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>103</td> </tr> <tr> <td>Weight (lbs.)</td> <td>18.30</td> </tr> <tr> <td>Weight (Kg.)</td> <td>8.31</td> </tr> </table>		Delivery Info	C	Product Group	103	Weight (lbs.)	18.30	Weight (Kg.)	8.31	
Delivery Info	C									
Product Group	103									
Weight (lbs.)	18.30									
Weight (Kg.)	8.31									
DMV-D 5065/11 DN. 65 to ISO 7005-1 PN16 110 Vac (+10%/-15%) 50-60 Hz, Starting Power [W] 2x65, Holding Power [W] 2x16, NEMA Type 12 CE Approved Only, CSA/FM Pending	256-299	2,015.22								
<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>103</td> </tr> <tr> <td>Weight (lbs.)</td> <td>22.05</td> </tr> <tr> <td>Weight (Kg.)</td> <td>10.01</td> </tr> </table>		Delivery Info	NP	Product Group	103	Weight (lbs.)	22.05	Weight (Kg.)	10.01	
Delivery Info	NP									
Product Group	103									
Weight (lbs.)	22.05									
Weight (Kg.)	10.01									
DMV-D 5080/11 DN. 80 to ISO 7005-1 PN16 110 Vac (+10%/-15%) 50-60 Hz, Starting Power [W] 2x95, Holding Power [W] 2x20, NEMA Type 12 CE Approved Only, CSA/FM Pending	256-360	3,455.87								
<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>103</td> </tr> <tr> <td>Weight (lbs.)</td> <td>35.94</td> </tr> <tr> <td>Weight (Kg.)</td> <td>16.32</td> </tr> </table>		Delivery Info	NP	Product Group	103	Weight (lbs.)	35.94	Weight (Kg.)	16.32	
Delivery Info	NP									
Product Group	103									
Weight (lbs.)	35.94									
Weight (Kg.)	16.32									

103 Dual Modular Valves Flanged version - DMV-D(LE)

Model / Tech. Data	Order No.	List Price
DMV-D 5100/11 254-190		4,621.84
DN. 100 to ISO 7005-1 PN16 110 Vac (+10%/-15%) 50-60 Hz, Starting Power [W] 2x125, Holding Power [W] 2x25, NEMA Type 12 CE Approved Only, CSA/FM Pending	Delivery Info NP Product Group 103 Weight (lbs.) 53.35 Weight (Kg.) 24.22	
DMV-D 5125/11 254-191		7,096.27
DN. 125 to ISO 7005-1 PN16 110 Vac (+10%/-15%) 50-60 Hz, Starting Power [W] 2x125, Holding Power [W] 2x25, NEMA Type 12 CE Approved Only, CSA/FM Pending	Delivery Info NP Product Group 103 Weight (lbs.) 69.89 Weight (Kg.) 31.73	
DMV-D 5040/11 224-380		1,513.64
DN. 40 to ISO 7005-1 PN40 220-240 Vac (+10%/-15%) 50-60 Hz, 90 VA, NEMA Type 12 FORMERLY: D224380	Delivery Info C Product Group 103 Weight (lbs.) 17.20 Weight (Kg.) 7.81	
DMV-D 5050/11 224-381		1,764.42
DN. 50 to ISO 7005-1 PN40 220-240 Vac (+10%/-15%) 50-60 Hz, 90 VA, NEMA Type 12 FORMERLY: D224381	Delivery Info C Product Group 103 Weight (lbs.) 18.30 Weight (Kg.) 8.31	
DMV-DLE 5050/11 224-924		1,777.35
DN. 50 to ISO 7005-1 PN40 220-240 Vac (+10%/-15%) 50-60 Hz, 90 VA, NEMA Type 12 FORMERLY: D224924	Delivery Info C Product Group 103 Weight (lbs.) 18.30 Weight (Kg.) 8.31	
DMV-D 5065/11 256-296		2,015.22
DN. 50 to ISO 7005-1 PN40 220-240 Vac (+10%/-15%) 50-60 Hz, Starting Power [W] 2x65, Holding Power [W] 2x16, NEMA Type 12 CE Approved Only, CSA/FM Pending	Delivery Info NP Product Group 103 Weight (lbs.) 22.05 Weight (Kg.) 10.01	
DMV-D 5080/11 256-357		3,455.87
DN. 80 to ISO 7005-1 PN16 220-240 Vac (+10%/-15%) 50-60 Hz, Starting Power [W] 2x95, Holding Power [W] 2x20, NEMA Type 12 CE Approved Only, CSA/FM Pending	Delivery Info NP Product Group 103 Weight (lbs.) 35.94 Weight (Kg.) 16.32	
DMV-D 5100/11 253-459		4,621.84
DN. 100 to ISO 7005-1 PN16 220-240 Vac (+10%/-15%) 50-60 Hz, Starting Power [W] 2x125, Holding Power [W] 2x25, NEMA Type 12 CE Approved Only, CSA/FM Pending	Delivery Info NP Product Group 103 Weight (lbs.) 53.35 Weight (Kg.) 24.22	

103 Dual Modular Valves Flanged version - DMV-D(LE)

Model / Tech. Data	Order No.	List Price
DMV-D 5125/11 253-461		7,096.27
DN. 125 to ISO 7005-1 PN16 220-240 Vac (+10%/-15%) 50-60 Hz, Starting Power [W] 2x125, Holding Power [W] 2x25, NEMA Type 12 CE Approved Only, CSA/FM Pending	Delivery Info NP Product Group 103 Weight (lbs.) 69.89 Weight (Kg.) 31.73	
DMV-D 5050/11 226-066		1,764.42
DN. 50 to ISO 7005-1 PN40 24 Vdc (+10%/-15%), 90 VA, NEMA Type 12 FORMERLY: D226066	Delivery Info C Product Group 103 Weight (lbs.) 18.30 Weight (Kg.) 8.31	
DMV 5065/11 256-313		2,015.22
DN. 65 to ISO 7005-1 PN16 24 Vdc (+10%/-15%), Starting Power [W] 2x65, Holding Power [W] 2x16, NEMA Type 12 CE Approved Only, CSA/FM Pending	Delivery Info NP Product Group 103 Weight (lbs.) 22.05 Weight (Kg.) 10.01	
DMV 5080/11 256-362		3,455.87
DN. 80 to ISO 7005-1 PN16 24 Vdc (+10%/-15%), Starting Power [W] 2x95, Holding Power [W] 2x20, NEMA Type 12 CE Approved Only, CSA/FM Pending	Delivery Info NP Product Group 103 Weight (lbs.) 35.94 Weight (Kg.) 16.32	
DMV 5100/11 250-364		4,621.84
DN. 100 to ISO 7005-1 PN16 24 Vdc (+10%/-15%), Starting Power [W] 2x125, Holding Power [W] 2x25, NEMA Type 12 CE Approved Only, CSA/FM Pending	Delivery Info NP Product Group 103 Weight (lbs.) 53.35 Weight (Kg.) 24.22	
DMV 5125/11 250-365		7,096.27
DN. 125 to ISO 7005-1 PN16 24 Vdc (+10%/-15%), Starting Power [W] 2x125, Holding Power [W] 2x25, NEMA Type 12 CE Approved Only, CSA/FM Pending	Delivery Info NP Product Group 103 Weight (lbs.) 69.89 Weight (Kg.) 31.73	
DMV-DLE 5050/11 226-118		1,777.35
DN. 50 to ISO 7005-1 PN40 110 Vac (+10%/-15%) 50-60 Hz, 90 VA, NEMA Type 12 FORMERLY: D226118	Delivery Info C Product Group 103 Weight (lbs.) 18.30 Weight (Kg.) 8.31	
DMV-DLE 5065/11 256-300		2,081.07
DN. 65 to ISO 7005-1 PN16 110 Vac (+10%/-15%) 50-60 Hz, Starting Power [W] 2x65, Holding Power [W] 2x16, NEMA Type 12 CE Approved Only, CSA/FM Pending	Delivery Info NP Product Group 103 Weight (lbs.) 22.05 Weight (Kg.) 10.01	

103 Dual Modular Valves Flanged version - DMV-D(LE)

Model / Tech. Data	Order No.	List Price
<p>DMV-DLE 5080/11</p> <p>DN. 80 to ISO 7005-1 PN16</p> <p>110 Vac (+10%/-15%) 50-60 Hz, Starting Power [W] 2x95, Holding Power [W] 2x20, NEMA Type 12</p> <p>CE Approved Only, CSA/FM Pending</p>	256-361	3,521.72
<p>DMV-DLE 5100/11</p> <p>DN. 100 to ISO 7005-1 PN16</p> <p>110 Vac (+10%/-15%) 50-60 Hz, Starting Power [W] 2x125, Holding Power [W] 2x25, NEMA Type 12</p> <p>CE Approved Only, CSA/FM Pending</p>	256-461	4,687.69
<p>DMV-DLE 5125/11</p> <p>DN. 125 to ISO 7005-1 PN16</p> <p>110 Vac (+10%/-15%) 50-60 Hz, Starting Power [W] 2x125, Holding Power [W] 2x25, NEMA Type 12</p> <p>CE Approved Only, CSA/FM Pending</p>	256-462	7,162.12
<p>DMV-DLE 5065/11</p> <p>DN. 65 to ISO 7005-1 PN16</p> <p>220-240 Vac (+10%/-15%) 50-60 Hz, Starting Power [W] 2x65, Holding Power [W] 2x16, NEMA Type 12</p> <p>CE Approved Only, CSA/FM Pending</p>	256-296	2,081.07
<p>DMV-DLE 5080/11</p> <p>DN. 80 to ISO 7005-1 PN16</p> <p>220-240 Vac (+10%/-15%) 50-60 Hz, Starting Power [W] 2x95, Holding Power [W] 2x20, NEMA Type 12</p> <p>CE Approved Only, CSA/FM Pending</p>	256-357	3,521.72
<p>DMV-DLE 5100/11</p> <p>DN. 100 to ISO 7005-1 PN16</p> <p>220-240 Vac (+10%/-15%) 50-60 Hz, Starting Power [W] 2x125, Holding Power [W] 2x25, NEMA Type 12</p> <p>CE Approved Only, CSA/FM Pending</p>	253-459	4,687.69
<p>DMV-DLE 5125/11</p> <p>DN. 125 to ISO 7005-1 PN16</p> <p>220-240 Vac (+10%/-15%) 50-60 Hz, Starting Power [W] 2x125, Holding Power [W] 2x25, NEMA Type 12</p> <p>CE Approved Only, CSA/FM Pending</p>	253-461	7,162.12
<p>DMV-D 5065/11</p> <p>DN. 65 to ISO 7005-1 PN16</p> <p>110 Vac (+10%/-15%) 50-60 Hz, 110 VA, NEMA Type 12</p> <p>FORMERLY: D226067</p>	226-067	2,015.22

103 Dual Modular Valves Flanged version - DMV-D(LE)

Model / Tech. Data	Order No.	List Price
DMV-D 5080/11 226-070		3,455.87
DN. 80 to ISO 7005-1 PN16 110 Vac (+10%/-15%) 50-60 Hz, 110 VA, NEMA Type 12 FORMERLY: D226070	Delivery Info C Product Group 103 Weight (lbs.) 52.00 Weight (Kg.) 23.61	
DMV-D 5100/11 226-073		4,621.84
DN. 100 to ISO 7005-1 PN16 110 Vac (+10%/-15%) 50-60 Hz, 135 VA, NEMA Type 12 FORMERLY: D226073	Delivery Info C Product Group 103 Weight (lbs.) 67.50 Weight (Kg.) 30.65	
DMV-D 5125/11 226-076		7,096.27
DN. 125 to ISO 7005-1 PN16 110 Vac (+10%/-15%) 50-60 Hz, 200 VA, NEMA Type 12 FORMERLY: D226076	Delivery Info C Product Group 103 Weight (lbs.) 111.60 Weight (Kg.) 50.67	
DMV-D 5065/11 224-382		2,015.22
DN. 65 to ISO 7005-1 PN16 220-240 Vac (+10%/-15%) 50-60 Hz, 110 VA, NEMA Type 12 FORMERLY: D224382	Delivery Info C Product Group 103 Weight (lbs.) 32.20 Weight (Kg.) 14.62	
DMV-D 5080/11 224-383		3,455.87
DN. 80 to ISO 7005-1 PN16 220-240 Vac (+10%/-15%) 50-60 Hz, 110 VA, NEMA Type 12 FORMERLY: D224383	Delivery Info C Product Group 103 Weight (lbs.) 52.00 Weight (Kg.) 23.61	
DMV-D 5100/11 224-384		4,621.84
DN. 100 to ISO 7005-1 PN16 220-240 Vac (+10%/-15%) 50-60 Hz, 135 VA, NEMA Type 12 FORMERLY: D224384	Delivery Info C Product Group 103 Weight (lbs.) 67.50 Weight (Kg.) 30.65	
DMV-D 5125/11 224-385		7,096.27
DN. 125 to ISO 7005-1 PN16 220-240 Vac (+10%/-15%) 50-60 Hz, 200 VA, NEMA Type 12 FORMERLY: D224385	Delivery Info C Product Group 103 Weight (lbs.) 111.60 Weight (Kg.) 50.67	
DMV-D 5065/11 226-069		2,015.22
DN. 65 to ISO 7005-1 PN16 24 Vdc (+10%/-15%), 110 VA, NEMA Type 12 FORMERLY: D226069	Delivery Info C Product Group 103 Weight (lbs.) 32.20 Weight (Kg.) 14.62	

103 Dual Modular Valves Flanged version - DMV-D(LE)

Model / Tech. Data	Order No.	List Price
<p>DMV-D 5080/11</p> <p>DN. 80 to ISO 7005-1 PN16</p> <p>24 Vdc (+10%/-15%), 110 VA, NEMA Type 12</p> <p>FORMERLY: D226072</p>	226-072	3,455.87
<p>DMV-D 5100/11</p> <p>DN. 100 to ISO 7005-1 PN16</p> <p>24 Vdc (+10%/-15%), 135 VA, NEMA Type 12</p> <p>FORMERLY: D226075</p>	226-075	4,621.84
<p>DMV-D 5125/11</p> <p>DN. 125 to ISO 7005-1 PN16</p> <p>24 Vdc (+10%/-15%), 200 VA, NEMA Type 12</p> <p>FORMERLY: D226078</p>	226-078	7,096.27
<p>DMV-DLE 5065/11</p> <p>DN. 65 to ISO 7005-1 PN16</p> <p>110 Vac (+10%/-15%) 50-60 Hz, 110 VA, NEMA Type 12</p> <p>FORMERLY: D226102</p>	226-102	2,081.07
<p>DMV-DLE 5080/11</p> <p>DN. 80 to ISO 7005-1 PN16</p> <p>110 Vac (+10%/-15%) 50-60 Hz, 110 VA, NEMA Type 12</p> <p>FORMERLY: D226104</p>	226-104	3,521.72
<p>DMV-DLE 5100/11</p> <p>DN. 100 to ISO 7005-1 PN16</p> <p>110 Vac (+10%/-15%) 50-60 Hz, 135 VA, NEMA Type 12</p> <p>FORMERLY: D226112</p>	226-112	4,687.69
<p>DMV-DLE 5125/11</p> <p>DN. 125 to ISO 7005-1 PN16</p> <p>110 Vac (+10%/-15%) 50-60 Hz, 200 VA, NEMA Type 12</p> <p>FORMERLY: D226108</p>	226-108	7,162.12
<p>DMV-DLE 5065/11</p> <p>DN. 65 to ISO 7005-1 PN16</p> <p>220-240 Vac (+10%/-15%) 50-60 Hz, 110 VA, NEMA Type 12</p> <p>FORMERLY: D224925</p>	224-925	2,081.07

103 Dual Modular Valves Flanged version - DMV-D(LE)

Model / Tech. Data	Order No.	List Price
DMV-DLE 5080/11 224-926		3,521.72
DN. 80 to ISO 7005-1 PN16 220-240 Vac (+10%/-15%) 50-60 Hz, 110 VA, NEMA Type 12 FORMERLY: D224926	Delivery Info C Product Group 103 Weight (lbs.) 52.00 Weight (Kg.) 23.61	
DMV-DLE 5100/11 226-111		4,687.69
DN. 100 to ISO 7005-1 PN16 220-240 Vac (+10%/-15%) 50-60 Hz, 135 VA, NEMA Type 12 FORMERLY: D226111	Delivery Info C Product Group 103 Weight (lbs.) 67.50 Weight (Kg.) 30.65	
DMV-DLE 5125/11 226-107		7,162.12
DN. 125 to ISO 7005-1 PN16 220-240 Vac (+10%/-15%) 50-60 Hz, 200 VA, NEMA Type 12 FORMERLY: D226107	Delivery Info C Product Group 103 Weight (lbs.) 111.60 Weight (Kg.) 50.67	
DMV-DLE 5050/11 226-120		1,777.35
DN. 50 to ISO 7005-1 PN40 24 Vdc (+10%/-15%), 90 VA, NEMA Type 12 FORMERLY: D226120	Delivery Info C Product Group 103 Weight (lbs.) 18.30 Weight (Kg.) 8.31	
DMV-DLE 5065/11 226-103		2,081.07
DN. 65 to ISO 7005-1 PN16 24 Vdc (+10%/-15%), 110 VA, NEMA Type 12 FORMERLY: D226103	Delivery Info B Product Group 103 Weight (lbs.) 32.20 Weight (Kg.) 14.62	
DMV-DLE 5080/11 226-106		3,521.72
DN. 80 to ISO 7005-1 PN16 24 Vdc (+10%/-15%), 110 VA, NEMA Type 12 FORMERLY: D226106	Delivery Info B Product Group 103 Weight (lbs.) 52.00 Weight (Kg.) 23.61	
DMV-DLE 5100/11 226-114		4,687.69
DN. 100 to ISO 7005-1 PN16 24 Vdc (+10%/-15%), 135 VA, NEMA Type 12 FORMERLY: D226114	Delivery Info C Product Group 103 Weight (lbs.) 67.50 Weight (Kg.) 30.65	
DMV-DLE 5125/11 226-110		7,162.12
DN. 125 to ISO 7005-1 PN16 24 Vdc (+10%/-15%), 200 VA, NEMA Type 12 FORMERLY: D226110	Delivery Info C Product Group 103 Weight (lbs.) 111.60 Weight (Kg.) 50.67	



Description

The DUNGS Dual Modular Valve (DMV-D(LE)) combines two normally closed, automatic shutoff valves in one compact housing, which can be wired independently or in parallel. Valve 1 (V1) of the DMV-D and DMV-DLE series is fast opening and fast closing. Valve 2 (V2) of the DMV-D is fast opening, while V2 of the DMV-DLE is slow-opening for smoother light-off. Max. flow adjustment on V2 provides variable main flow on both models. Hazardous location models are suitable for Class 1; Division 2 installations.

Application

The DMV/6 is recommended for industrial and commercial heating applications that require two safety shutoff valves in series. The DMV is suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code:

Specifications

Max. operating pressure	7 PSI (500 mbar) FM, CE (Class A)	5 PSI (360 mbar) CSA
Electrical ratings (+10% / -15%)	24 Vac/50 - 60 Hz; 24 Vdc	
Enclosure rating	NEMA Type 12	
Electrical connection	DIN-connector with 1/2" NPT conduit adapter	
Operating time	100 % duty cycle	
Ambient temperature rating	+5°F to +150 °F (-15 °C to +65 °C) DMV-DLE 5065/5080 -40°F to +150 °F (-40 °C to +65 °C) DMV-DLE 703	

Aluminum body; Inlet, intermediate and outlet side taps (G1/8 ISO 228); Inlet gas strainer installed in the housing upstream valves (23 mesh screen); DMV-D - V1 fast opening & closing (<1 s), V2 fast opening & closing (<1 s); DMV-DLE - V1 fast opening & closing (<1s); V2 slow opening 20s MAX @ 70F & fast closing (<1 s); V2 on both models feature a manually adjustable flow rate (<10-100%); 100% duty cycle; Refer to Flow Curves for Body Selection.

Conduit Adapter (240-671), DIN connector (210-319), and flanges must be ordered and priced separately.

Code requirements vary. FM requires visual indication on 1" and larger safety valves. Two visual indicators, (VI) 217-665 or one CPI 400 (CPI) 224 -253A, and one VI meet this requirement. These also must be ordered separately.

Model / Tech. Data	Order No.	List Price
DMV-DLE 703/602 HL 1", 1 1/4", 1 1/2", 2" NPT or Rp 24 Vac (+10%/-15%), 90 VA, NEMA Type 12 FORMERLY: D226995HL	226-995HL	1,434.40
DMV-DLE 5065/11 HL DN. 65 to ISO 7005-1 PN16 24 Vdc (+10%/-15%), 110 VA, NEMA Type 12 FORMERLY: D226103HL	226-103HL	2,233.37
DMV-DLE 5080/11 HL DN. 80 to ISO 7005-1 PN16 24 Vdc (+10%/-15%), 110 VA, NEMA Type 12 FORMERLY: D226106HL	226-106HL	3,779.41



Description

The DUNGS Dual Modular Valve (DMV-D(LE)/11) combines two normally closed, automatic shutoff valves in one compact housing, which can be wired independently or in parallel. Valve 1 (V1) of the DMV-D and DMV-DLE series is fast opening and fast closing. Valve 2 (V2) of the DMV-D is fast opening, while V2 of the DMV-DLE is slow-opening for smoother light-off. Max. flow adjustment on V1 provides variable main flow on both models.

Application

The DUNGS DMV/11 is recommended for industrial and commercial heating applications that require two safety shutoff valves in series, and CE approval. The DMV is suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code:

Specifications

Body sizes	DMV 507/11	DMV 512/11	DMV 520/11
Pipe size / thread	1/2" - 1" NPT or Rp	1" - 2" NPT or Rp	1" - 2" NPT or Rp
Max. operating pressure	7 PSI (500 mbar) CE (Class A)		
Electrical ratings (+10% / -15%)	110 Vac/50 - 60 Hz; 220 Vac/50 - 60 Hz, 24 Vdc		
Enclosure rating	IP 54 (NEMA Type 12)		
Electrical connection	DIN-connector with 1/2" NPT conduit adapter		
Operating time	100 % duty cycle		
Ambient temperature rating	+5 °F to +140 °F (- 15°C to +60 °C)		

Aluminum body; Inlet, intermediate and outlet side taps (G1/8 ISO 228); Inlet gas strainer installed in the housing upstream valves (23 mesh screen); DMV-D - V1 fast opening & closing (<1 s), V2 fast opening & closing (<1 s); DMV-DLE - V1 fast opening & closing (<1s); V2 slow opening 20s MAX @ 70F & fast closing (<1 s); V2 on both models feature a manually adjustable flow rate (<10-100%); 100% duty cycle; Refer to Flow Curves for Body Selection.

Conduit Adapter (240-671), DIN connector (210-319), and flanges must be ordered and priced separately.

European code requirements for position indication vary. The DUNGS KO1 (211-202A) switch meets EN1531 and EN 161 code requirements for closed position signal contact.

Model / Tech. Data	Order No.	List Price
DMV-D 503/11 3/8" Rp 110 Vac (+10%/-15%) 50-60 Hz, 35 VA, IP 54	222-872	635.18
DMV-D 507/11 1/2", 3/4", 1" Rp or NPT 110 Vac (+10%/-15%) 50-60 Hz, 45 VA, IP 54 FORMERLY: D222873	222-873	908.61
DMV-D 512/11 1", 1 1/4", 1 1/2", 2" Rp or NPT 110 Vac (+10%/-15%) 50-60 Hz, 65 VA, IP 54 FORMERLY: D222826	222-826	1,106.15

100 Dual Modular Valves - DMV-D(LE)

Model / Tech. Data	Order No.	List Price		
DMV-D 520/11 1", 1 1/4", 1 1/2", 2" Rp or NPT 110 Vac (+10%/-15%) 50-60 Hz, 90 VA, IP 54 FORMERLY: D222823	222-823	1,270.76		
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;"></td> <td> Delivery Info B Product Group 100 Weight (lbs.) 12.40 Weight (Kg.) 5.63 </td> </tr> </table>			Delivery Info B Product Group 100 Weight (lbs.) 12.40 Weight (Kg.) 5.63	
	Delivery Info B Product Group 100 Weight (lbs.) 12.40 Weight (Kg.) 5.63			
DMV-D 503/11 3/8" Rp 230 Vac (+10%/-15%) 50-60 Hz, 35 VA, IP 54	222-326	635.18		
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;"></td> <td> Delivery Info C Product Group 100 Weight (lbs.) 4.60 Weight (Kg.) 2.09 </td> </tr> </table>			Delivery Info C Product Group 100 Weight (lbs.) 4.60 Weight (Kg.) 2.09	
	Delivery Info C Product Group 100 Weight (lbs.) 4.60 Weight (Kg.) 2.09			
DMV-D 507/11 1/2", 3/4", 1" Rp or NPT 230 Vac (+10%/-15%) 50-60 Hz, 45 VA, IP 54 FORMERLY: D222331	222-331	908.61		
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;"></td> <td> Delivery Info B Product Group 100 Weight (lbs.) 4.60 Weight (Kg.) 2.09 </td> </tr> </table>			Delivery Info B Product Group 100 Weight (lbs.) 4.60 Weight (Kg.) 2.09	
	Delivery Info B Product Group 100 Weight (lbs.) 4.60 Weight (Kg.) 2.09			
DMV-D 512/11 1", 1 1/4", 1 1/2", 2" Rp or NPT 230 Vac (+10%/-15%) 50-60 Hz, 65 VA, IP 54 FORMERLY: D222336	222-336	1,106.15		
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;"></td> <td> Delivery Info B Product Group 100 Weight (lbs.) 11.80 Weight (Kg.) 5.36 </td> </tr> </table>			Delivery Info B Product Group 100 Weight (lbs.) 11.80 Weight (Kg.) 5.36	
	Delivery Info B Product Group 100 Weight (lbs.) 11.80 Weight (Kg.) 5.36			
DMV-D 520/11 1", 1 1/4", 1 1/2", 2" Rp or NPT 230 Vac (+10%/-15%) 50-60 Hz, 90 VA, IP 54 FORMERLY: D221924	221-924	1,270.76		
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;"></td> <td> Delivery Info B Product Group 100 Weight (lbs.) 12.40 Weight (Kg.) 5.63 </td> </tr> </table>			Delivery Info B Product Group 100 Weight (lbs.) 12.40 Weight (Kg.) 5.63	
	Delivery Info B Product Group 100 Weight (lbs.) 12.40 Weight (Kg.) 5.63			
DMV-DLE 507/11 1/2", 3/4", 1" Rp or NPT 110 Vac (+10%/-15%) 50-60 Hz, 45 VA, IP 54 FORMERLY: D222878	222-878	974.47		
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;"></td> <td> Delivery Info B Product Group 100 Weight (lbs.) 4.80 Weight (Kg.) 2.18 </td> </tr> </table>			Delivery Info B Product Group 100 Weight (lbs.) 4.80 Weight (Kg.) 2.18	
	Delivery Info B Product Group 100 Weight (lbs.) 4.80 Weight (Kg.) 2.18			
DMV-DLE 512/11 1", 1 1/4", 1 1/2", 2" Rp or NPT 110 Vac (+10%/-15%) 50-60 Hz, 65 VA, IP 54 FORMERLY: D222882	222-882	1,171.98		
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;"></td> <td> Delivery Info B Product Group 100 Weight (lbs.) 10.40 Weight (Kg.) 4.72 </td> </tr> </table>			Delivery Info B Product Group 100 Weight (lbs.) 10.40 Weight (Kg.) 4.72	
	Delivery Info B Product Group 100 Weight (lbs.) 10.40 Weight (Kg.) 4.72			
DMV-DLE 520/11 1", 1 1/4", 1 1/2", 2" Rp or NPT 110 Vac (+10%/-15%) 50-60 Hz, 90 VA, IP 54 FORMERLY: D222889	222-889	1,336.61		
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;"></td> <td> Delivery Info B Product Group 100 Weight (lbs.) 12.60 Weight (Kg.) 5.72 </td> </tr> </table>			Delivery Info B Product Group 100 Weight (lbs.) 12.60 Weight (Kg.) 5.72	
	Delivery Info B Product Group 100 Weight (lbs.) 12.60 Weight (Kg.) 5.72			

100 Dual Modular Valves - DMV-D(LE)

Model / Tech. Data	Order No.	List Price
DMV-DLE 503/11	222-327	737.18
3/8" Rp 230 Vac (+10%/-15%) 50-60 Hz, 35 VA, IP 54	Delivery Info C Product Group 100 Weight (lbs.) 4.60 Weight (Kg.) 2.09	
DMV-DLE 507/11	222-332	974.47
1/2", 3/4", 1" Rp or NPT 230 Vac (+10%/-15%) 50-60 Hz, 45 VA, IP 54 FORMERLY: D222332	Delivery Info B Product Group 100 Weight (lbs.) 4.80 Weight (Kg.) 2.18	
DMV-DLE 512/11	222-337	1,171.98
1", 1 1/4", 1 1/2", 2" Rp or NPT 230 Vac (+10%/-15%) 50-60 Hz, 65 VA, IP 54 FORMERLY: D222337	Delivery Info B Product Group 100 Weight (lbs.) 10.40 Weight (Kg.) 4.72	
DMV-DLE 520/11	222-599	1,336.61
1", 1 1/4", 1 1/2", 2" Rp or NPT 230 Vac (+10%/-15%) 50-60 Hz, 90 VA, IP 54 FORMERLY: D222599	Delivery Info B Product Group 100 Weight (lbs.) 12.60 Weight (Kg.) 5.72	
DMV-D 507/11	222-875	PRICE ON REQUEST
1/2", 3/4", 1" Rp or NPT 24Vdc (-10%/-15%), 45VA, IP 54	Delivery Info NP Product Group 100 Weight (lbs.) 4.80 Weight (Kg.) 2.18	
DMV-D 512/11	222-828	PRICE ON REQUEST
1", 1 1/4", 1 1/2", 2" Rp or NPT 24Vdc (-10%/-15%), 65VA, IP 54	Delivery Info NP Product Group 100 Weight (lbs.) 10.40 Weight (Kg.) 4.72	
DMV-D 520/11	222-825	PRICE ON REQUEST
1", 1 1/4", 1 1/2", 2" Rp or NPT 24Vdc (-10%/-15%), 90VA, IP 54	Delivery Info NP Product Group 100 Weight (lbs.) 12.60 Weight (Kg.) 5.72	
DMV-DLE 507/11	222-876	PRICE ON REQUEST
1/2", 3/4", 1" Rp or NPT 24Vdc (-10%/-15%), 45VA, IP 54	Delivery Info NP Product Group 100 Weight (lbs.) 4.80 Weight (Kg.) 2.18	

100 Dual Modular Valves - DMV-D(LE)

Model / Tech. Data	Order No.	List Price
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DMV-DLE 512/11 **222-884**

1", 1 1/4", 1 1/2", 2" Rp or NPT	Delivery Info	NP	PRICE ON REQUEST
24Vdc (-10%/-15%), 65VA, IP 54	Product Group	100	
	Weight (lbs.)	10.40	
	Weight (Kg.)	4.72	

DMV-DLE 520/11 **222-890**

1", 1 1/4", 1 1/2", 2" Rp or NPT	Delivery Info	NP	PRICE ON REQUEST
24Vdc (-10%/-15%), 90VA, IP 54	Product Group	100	
	Weight (lbs.)	12.60	
	Weight (Kg.)	5.72	



Description

The DUNGS Two-Stage Dual Modular Valve (DMV-ZRD(LE)/602) combines two normally closed, automatic shutoff valves in one compact housing, which can be wired independently or in parallel. Valve 2 (V2) incorporates two stages that can be field set at two different firing rates to modulate from high to low during burner operation. Valve 1 (V1) of the DMV-ZRD and DMV-ZRDLE series is fast opening and fast closing. Valve 2 (V2) is a two stage valve. V2 of the DMV-ZRD is fast opening, while V2 of the (DMV-ZRD(LE)/602) is slow-opening. Max. flow adjustment on V2 provides variable main flow on both models.

Application

The DUNGS DMV-ZRD is recommended for industrial and commercial heating applications where two safety shutoff valves in series that modulate between two firing rates are required. The DMV-ZRD/6 Dual Multi-Valve two stage is suitable for natural gas, propane, butane, air and other inert gases.

Optional Approvals

When ordered and installed with Burkert connector plug (part number TBD), the UL Recognized DMV valve may replace a UL Listed valve. Such a substitution is typically required for equipment UL Listed to UL 795.

Harmonized Code: 84814090

Specifications

	DMV-ZRD(LE) 701/602	DMV-ZRD(LE) 702/602	DMV-ZRD(LE) 703/602
Body sizes	1/2" - 1" NPT or Rp	1" - 2" NPT or Rp	1" - 2" NPT or Rp
Pipe size / thread	1/2" - 1" NPT or Rp	1" - 2" NPT or Rp	1" - 2" NPT or Rp
Max. operating pressure	7 PSI (500 mbar) UL, FM	5 PSI (360 mbar) CSA	
Electrical ratings (+10% / -15%)	110 - 120 Vac/50 - 60 Hz; 220 - 240 Vac/50 - 60 Hz		
Enclosure rating	NEMA Type 12		
Electrical connection Stage 1 (V1& V2)	DIN-connector with 1/2" NPT conduit adapter		
Electrical connection Stage 2 (V2)	Screw terminals with 1/2" NPT conduit connection		
Operating time	100 % duty cycle		
Ambient temperature rating	-20 °F to +150 °F (-30 °C to +65 °C)		

Aluminum body; Inlet, intermediate and outlet side taps (G1/8 ISO 228); Inlet gas strainer installed in the housing upstream valves (23 mesh screen); Valve 1(V1) of the DMV-ZRD and DMV-ZRDLE series is fast opening and fast closing. Valve 2 (V2) is a two stage valve. V2 of the DMV-ZRD is fast opening, while V2 of the DMV-ZRDLE is slow-opening for smoother light-off. Max. flow adjustment on V2 provides variable main flow on both models; Refer to Flow Curves for Body Selection.

Conduit Adapter (240-671), DIN connector (210-319), and flanges must be ordered and priced separately.

Code requirements vary. FM requires visual indication on 1" and larger safety valves. Two visual indicators, (VI) 217-665 or one CPI 400 (CPI) 224 -253A, and one VI meet this requirement. These also must be ordered separately.

Model / Tech. Data	Order No.	List Price
DMV-ZRD 701/602 1/2", 3/4", 1" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 70 VA, NEMA Type 12 FORMERLY: D231844	231-844	1,095.37
DMV-ZRD 702/602 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 120 VA, NEMA Type 12 FORMERLY: D232025	232-025	1,289.90
DMV-ZRD 703/602 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 135 VA, NEMA Type 12 FORMERLY: D232079	232-079	1,454.51

105 Dual Modular Valves Two Stage - DMV-ZRD(LE)

Model / Tech. Data	Order No.	List Price								
<p>DMV-ZRDLE 701/602</p> <p>1/2", 3/4", 1" NPT or Rp</p> <p>120 Vac (+10%/-15%) 50-60 Hz, 70 VA, NEMA Type 12</p> <p>FORMERLY: D232173</p>	<p>232-173</p> <table border="1"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>105</td> </tr> <tr> <td>Weight (lbs.)</td> <td>6.80</td> </tr> <tr> <td>Weight (Kg.)</td> <td>3.09</td> </tr> </table>	Delivery Info	B	Product Group	105	Weight (lbs.)	6.80	Weight (Kg.)	3.09	<p>1,155.22</p>
Delivery Info	B									
Product Group	105									
Weight (lbs.)	6.80									
Weight (Kg.)	3.09									
<p>DMV-ZRDLE 702/602</p> <p>1", 1 1/4", 1 1/2", 2" NPT or Rp</p> <p>120 Vac (+10%/-15%) 50-60 Hz, 120 VA, NEMA Type 12</p> <p>FORMERLY: D232214</p>	<p>232-214</p> <table border="1"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>105</td> </tr> <tr> <td>Weight (lbs.)</td> <td>14.60</td> </tr> <tr> <td>Weight (Kg.)</td> <td>6.63</td> </tr> </table>	Delivery Info	B	Product Group	105	Weight (lbs.)	14.60	Weight (Kg.)	6.63	<p>1,349.78</p>
Delivery Info	B									
Product Group	105									
Weight (lbs.)	14.60									
Weight (Kg.)	6.63									
<p>DMV-ZRDLE 703/602</p> <p>1", 1 1/4", 1 1/2", 2" NPT or Rp</p> <p>120 Vac (+10%/-15%) 50-60 Hz, 135 VA, NEMA Type 12</p> <p>FORMERLY: D232232</p>	<p>232-232</p> <table border="1"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>105</td> </tr> <tr> <td>Weight (lbs.)</td> <td>18.30</td> </tr> <tr> <td>Weight (Kg.)</td> <td>8.31</td> </tr> </table>	Delivery Info	B	Product Group	105	Weight (lbs.)	18.30	Weight (Kg.)	8.31	<p>1,514.36</p>
Delivery Info	B									
Product Group	105									
Weight (lbs.)	18.30									
Weight (Kg.)	8.31									



Description

The DUNGS Two-Stage Dual Modular Valve (DMV-ZRD(LE)/602 with VLA) combines all the features of the DMV-ZRD(LE) Dual Modular Valve with a factory installed vent line connection between the two automatic shutoff valves.

For main gas lines:

- Up to 1 1/2"; vent line must be 3/4"
- 2"; vent line must be 1"

Application

The DUNGS DMV-ZRD is recommended for industrial and commercial heating applications where two safety shutoff valves in series with a vent line connection between the safety shutoff valves that modulate between two firing rates are required. The DMV-ZRD/6 Dual Multi-Valve two stage is suitable for natural gas, propane, butane, air and other inert gases.

Optional Approvals

When ordered and installed with Burkert connector plug (part number TBD), the UL Recognized DMV valve may replace a UL Listed valve. Such a substitution is typically required for equipment UL Listed to UL 795.



Harmonized Code: 84814090

Specifications

	DMV-ZRD(LE) 701/602	DMV-ZRD(LE) 702/602	DMV-ZRD(LE) 703/602
Body sizes	1/2" - 1" NPT or Rp	1" - 2" NPT or Rp	1" - 2" NPT or Rp
Pipe size / thread	7 PSI (500 mbar) UL, FM	5 PSI (360 mbar) CSA	
Max. operating pressure	110 - 120 Vac/50 - 60 Hz; 220 - 240 Vac/50 - 60 Hz		
Electrical ratings (+10% / -15%)	NEMA Type 12		
Enclosure rating	DIN-connector with 1/2" NPT conduit adapter		
Electrical connection Stage 1 (V1& V2)	Screw terminals with 1/2" NPT conduit connection		
Electrical connection Stage 2 (V2)	100 % duty cycle		
Operating time	-20 °F to +150 °F (-30 °C to +65 °C)		
Ambient temperature rating			

Aluminum body; Inlet, intermediate and outlet side taps (G1/8 ISO 228); Inlet gas strainer installed in the housing upstream valves (23 mesh screen); Valve 1(V1) of the DMV-ZRD and DMV-ZRDLE series is fast opening and fast closing. Valve 2 (V2) is a two stage valve. V2 of the DMV-ZRD is fast opening, while V2 of the DMV-ZRDLE is slow-opening for smoother light-off. Max. flow adjustment on V2 provides variable main flow on both models; Refer to Flow Curves for Body Selection.

Conduit Adapter (240-671), DIN connector (210-319), and flanges must be ordered and priced separately.

Code requirements vary. FM requires visual indication on 1" and larger safety valves. Two visual indicators, (VI) 217-665 or one CPI 400 (CPI) 224 -253A, and one VI meet this requirement. These also must be ordered separately.

Model / Tech. Data	Order No.	List Price
DMV-ZRD 701/602 with VLA 3/4", 1/2", 1" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 70 VA, NEMA Type 12 FORMERLY: 46042-70	231-844V	1,205.66
DMV-ZRD 702/602 with VLA 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 130 VA, NEMA Type 12 FORMERLY: 46042-71	232-025V	1,409.15
DMV-ZRD 703/602 with VLA 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 135 VA, NEMA Type 12 FORMERLY: 46042-72	232-079V	1,573.75

105 Dual Modular Valves Two Stage with Vent Line Adapter - DMV-ZRD(LE)

Model / Tech. Data	Order No.	List Price								
<p>DMV-ZRDLE 701/602 with VLA</p> <p>3/4", 1/2", 1" NPT or Rp</p> <p>120 Vac (+10%/-15%) 50-60 Hz, 135 VA, NEMA Type 12</p> <p>FORMERLY: 46032-70</p>	<p>232-173V</p> <table border="1"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>105</td> </tr> <tr> <td>Weight (lbs.)</td> <td>7.20</td> </tr> <tr> <td>Weight (Kg.)</td> <td>3.27</td> </tr> </table>	Delivery Info	B	Product Group	105	Weight (lbs.)	7.20	Weight (Kg.)	3.27	<p>1,265.51</p>
Delivery Info	B									
Product Group	105									
Weight (lbs.)	7.20									
Weight (Kg.)	3.27									
<p>DMV-ZRDLE 702/602 with VLA</p> <p>1", 1 1/4", 1 1/2", 2" NPT or Rp</p> <p>120 Vac (+10%/-15%) 50-60 Hz, 135 VA, NEMA Type 12</p> <p>FORMERLY: 46032-71</p>	<p>232-214V</p> <table border="1"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>105</td> </tr> <tr> <td>Weight (lbs.)</td> <td>14.90</td> </tr> <tr> <td>Weight (Kg.)</td> <td>6.76</td> </tr> </table>	Delivery Info	B	Product Group	105	Weight (lbs.)	14.90	Weight (Kg.)	6.76	<p>1,468.99</p>
Delivery Info	B									
Product Group	105									
Weight (lbs.)	14.90									
Weight (Kg.)	6.76									
<p>DMV-ZRDLE 703/602 with VLA</p> <p>1", 1 1/4", 1 1/2", 2" NPT or Rp</p> <p>120 Vac (+10%/-15%) 50-60 Hz, 135 VA, NEMA Type 12</p> <p>FORMERLY: 46032-72</p>	<p>232-232V</p> <table border="1"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>105</td> </tr> <tr> <td>Weight (lbs.)</td> <td>18.70</td> </tr> <tr> <td>Weight (Kg.)</td> <td>8.49</td> </tr> </table>	Delivery Info	B	Product Group	105	Weight (lbs.)	18.70	Weight (Kg.)	8.49	<p>1,633.60</p>
Delivery Info	B									
Product Group	105									
Weight (lbs.)	18.70									
Weight (Kg.)	8.49									



Description

The DUNGS Dual Modular Valve (DMV-ZRD(LE)/612) with Proof of Closure combines all the features of the DUNGS Dual Modular Valve DMV-ZRD(LE)/6 plus, valve 1 incorporates overtravel and a proof of closure switch which is factory mounted and set.

Application

The DUNGS DMV-ZRD(LE)/612 is recommended for industrial and commercial heating applications where two safety shutoff valves in series that modulate between two firing rates and applications that require overtravel and a proof of closure switch. The DMV-ZRD(LE)/612 is suitable for natural gas, propane, butane, air and other inert gases.

Optional Approvals

When ordered and installed with Burkert connector plug (part number TBD), the UL Recognized DMV valve may replace a UL Listed valve. Such a substitution is typically required for equipment UL Listed to UL 795.



Harmonized Code: 84814090

Specifications

Body sizes	DMV-ZRD(LE) 702/612	DMV-ZRD(LE) 703/612
Pipe size / thread	1" - 2" NPT or Rp	1" - 2" NPT or Rp
Max. operating pressure	7 PSI (500 mbar) UL, FM	5 PSI (360 mbar) CSA
Max. close off pressure	10 PSI (700 mbar)	
Electrical ratings (+10% / -15%)	110 - 120 Vac/50 - 60 Hz	
Enclosure rating	NEMA Type 12	
Electrical connection Stage 1 (V1& V2)	DIN-connector with 1/2" NPT conduit adapter	
Electrical connection Stage 2 (V2)	Screw terminals with 1/2" NPT conduit connection	
Operating time	100 % duty cycle	
Ambient temperature rating	-20 °F to +150 °F (-30 °C to +65 °C)	

Aluminum body; Inlet, intermediate and outlet side taps (G1/8 ISO 228); Inlet gas strainer installed in the housing upstream valves (23 mesh screen); DMV-ZRD - V1 fast opening & closing (<1 s), V2 fast opening & closing (<1 s); DMV-ZRDLE - V1 fast opening & closing (<1s); V2 slow opening 20s MAX @ 70F & fast closing (<1 s); V2 on both models feature a manually adjustable flow rate (<10-100%); 100% duty cycle; Refer to Flow Curves for Body Selection. Conduit Adapter (240-671), DIN connector (210-319), and flanges must be ordered and priced separately. Code requirements vary. FM requires visual indication on 1" and larger safety valves. The visual indicator, (VI) 217-665 meets this requirement. The visual indicator must be ordered separately for valve 2. **Factory mounted and calibrated proof of closure switch:** SPDT 10 A resistive, 8 FLA, 48 LRA @ 120 Vac; NEMA type 4; - 40 °F to +150 °F (-40 °C to +65 °C); Switch incorporates visual indication of valve (opened & closed).

Model / Tech. Data	Order No.	List Price
DMV-ZRD 701/612 1/2", 3/4", 1" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 70 VA, NEMA Type 12 FORMERLY: D244730	244-730P Delivery Info B Product Group 105 Weight (lbs.) 6.60 Weight (Kg.) 3.00	1,483.47
DMV-ZRD 702/612 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 120 VA, NEMA Type 12 FORMERLY: D244732	244-732P Delivery Info B Product Group 105 Weight (lbs.) 14.30 Weight (Kg.) 6.49	1,697.44
DMV-ZRD 703/612 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 135 VA, NEMA Type 12 FORMERLY: D244734	244-734P Delivery Info B Product Group 105 Weight (lbs.) 18.10 Weight (Kg.) 8.22	1,878.51

105 Dual Modular Valves Two Stage with Proof of Closure - DMV-ZRD(LE)

Model / Tech. Data	Order No.	List Price
<p>DMV-ZRDLE 701/612</p> <p>1/2", 3/4", 1" NPT or Rp</p> <p>120 Vac (+10%/-15%) 50-60 Hz, 70 VA, NEMA Type 12</p> <p>FORMERLY: D244731</p>	<p>244-731P</p> <p>Delivery Info B</p> <p>Product Group 105</p> <p>Weight (lbs.) 6.80</p> <p>Weight (Kg.) 3.09</p>	<p>1,598.68</p>
<p>DMV-ZRDLE 702/612</p> <p>1", 1 1/4", 1 1/2", 2" NPT or Rp</p> <p>120 Vac (+10%/-15%) 50-60 Hz, 120 VA, NEMA Type 12</p> <p>FORMERLY: D244733</p>	<p>244-733P</p> <p>Delivery Info B</p> <p>Product Group 105</p> <p>Weight (lbs.) 14.60</p> <p>Weight (Kg.) 6.63</p>	<p>1,812.66</p>
<p>DMV-ZRDLE 703/612</p> <p>1", 1 1/4", 1 1/2", 2" NPT or Rp</p> <p>120 Vac (+10%/-15%) 50-60 Hz, 135 VA, NEMA Type 12</p> <p>FORMERLY: D244735</p>	<p>244-735P</p> <p>Delivery Info B</p> <p>Product Group 105</p> <p>Weight (lbs.) 18.30</p> <p>Weight (Kg.) 8.31</p>	<p>1,993.73</p>



Description

The DUNGS Dual Modular Valve (DMV-ZRD(LE)/612) incorporates overtravel and a proof of closure switch which is factory mounted and set with a Vent Line Adapter (VLA) that is also factory installed.

For main gas lines:

- Up to 1 1/2"; vent line must be 3/4"
- 2"; vent line must be 1"

Application

The DMV-VLA is recommended for industrial and commercial heating applications that require two safety shutoff valves with valve 2 incorporating overtravel and a proof of closure switch and a vent line connection between the safety shutoff valves. The DMV-ZRD(LE) is suitable for natural gas, propane, butane, air and other inert gases.

Optional Approvals

When ordered and installed with Burkert connector plug (part number TBD), the UL Recognized DMV valve may replace a UL Listed valve. Such a substitution is typically required for equipment UL Listed to UL 795.



Harmonized Code: 84814090

Specifications

	DMV-ZRD(LE) 701/612	DMV-ZRD(LE) 702/612	DMV-ZRD(LE) 703/612
Body sizes	1/2" - 1" NPT or Rp	1" - 2" NPT or Rp	1" - 2" NPT or Rp
Pipe size / thread	7 PSI (500 mbar) UL, FM	5 PSI (360 mbar) CSA	
Max. operating pressure	110 - 120 Vac/50 - 60 Hz; 220 - 240 Vac/50 - 60 Hz		
Electrical ratings (+10% / -15%)	NEMA Type 12		
Electrical ratings (+10% / -15%)	DIN-connector with 1/2" NPT conduit adapter		
Enclosure rating	Screw terminals with 1/2" NPT conduit connection		
Electrical connection Stage 1 (V1 & V2)	100 % duty cycle		
Electrical connection Stage 2 (V2)	-20 °F to +150 °F (-30 °C to +65 °C)		
Operating time			
Ambient temperature rating			

Aluminum body; Inlet, intermediate and outlet side taps (G1/8 ISO 228); Inlet gas strainer installed in the housing upstream valves (23 mesh screen); DMV-D - V1 fast opening & closing (<1 s), V2 fast opening & closing (<1 s); DMV-DLE - V1 fast opening & closing (<1s); V2 slow opening 20s MAX @ 70F & fast closing (<1 s); V2 on both models feature a manually adjustable flow rate (<10-100%); 100% duty cycle; Refer to Flow Curves for Body Selection. Conduit Adapter (240-671), DIN connector (210-319), and flanges must be ordered and priced separately. Code requirements vary. FM requires visual indication on 1" and larger safety valves. The visual indicator, (VI) 217-665 meets this requirement. The visual indicator must be ordered separately for valve 1. **Factory mounted and calibrated proof of closure switch:** SPDT 10 A resistive, 8 FLA, 48 LRA @ 120 Vac; NEMA type 4; - 40 °F to +150 °F (-40 °C to +65 °C); Switch incorporates visual indication of valve (opened & closed).

Model / Tech. Data	Order No.	List Price
DMV-ZRD 701/612 with VLA 3/4", 1/2", 1" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 70 VA, NEMA Type 12 FORMERLY: 46042-30	244-730VP	1,460.26
DMV-ZRD 702/612 with VLA 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 130 VA, NEMA Type 12 FORMERLY: 46042-31	244-732VP	1,663.74
DMV-ZRD 703/612 with VLA 1", 1 1/4", 1 1/2", 2" NPT or Rp 120 Vac (+10%/-15%) 50-60 Hz, 135 VA, NEMA Type 12 FORMERLY: 46042-32	244-734VP	1,828.34

105 Dual Modular Valves Two Stage with Proof of Closure & Vent Line Adapter - DMV-ZRD(LE)

Model / Tech. Data	Order No.	List Price								
<p>DMV-ZRDLE 701/612 with VLA</p> <p>3/4", 1/2", 1" NPT or Rp</p> <p>120 Vac (+10%/-15%) 50-60 Hz, 135 VA, NEMA Type 12</p> <p>FORMERLY: 46032-30</p>	<p>244-731VP</p> <table border="1"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>105</td> </tr> <tr> <td>Weight (lbs.)</td> <td>7.70</td> </tr> <tr> <td>Weight (Kg.)</td> <td>3.50</td> </tr> </table>	Delivery Info	B	Product Group	105	Weight (lbs.)	7.70	Weight (Kg.)	3.50	<p>1,565.01</p>
Delivery Info	B									
Product Group	105									
Weight (lbs.)	7.70									
Weight (Kg.)	3.50									
<p>DMV-ZRDLE 702/612 with VLA</p> <p>1", 1 1/4", 1 1/2", 2" NPT or Rp</p> <p>120 Vac (+10%/-15%) 50-60 Hz, 135 VA, NEMA Type 12</p> <p>FORMERLY: 46032-31</p>	<p>244-733VP</p> <table border="1"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>105</td> </tr> <tr> <td>Weight (lbs.)</td> <td>15.30</td> </tr> <tr> <td>Weight (Kg.)</td> <td>6.95</td> </tr> </table>	Delivery Info	B	Product Group	105	Weight (lbs.)	15.30	Weight (Kg.)	6.95	<p>1,768.50</p>
Delivery Info	B									
Product Group	105									
Weight (lbs.)	15.30									
Weight (Kg.)	6.95									
<p>DMV-ZRDLE 703/612 with VLA</p> <p>1", 1 1/4", 1 1/2", 2" NPT or Rp</p> <p>120 Vac (+10%/-15%) 50-60 Hz, 135 VA, NEMA Type 12</p> <p>FORMERLY: 46032-32</p>	<p>244-735VP</p> <table border="1"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>105</td> </tr> <tr> <td>Weight (lbs.)</td> <td>19.20</td> </tr> <tr> <td>Weight (Kg.)</td> <td>8.72</td> </tr> </table>	Delivery Info	B	Product Group	105	Weight (lbs.)	19.20	Weight (Kg.)	8.72	<p>1,933.10</p>
Delivery Info	B									
Product Group	105									
Weight (lbs.)	19.20									
Weight (Kg.)	8.72									



Description

The DUNGS MVD/6 and MVDLE/6 electrically operated, normally closed, automatic shutoff valves for gas burners and gas appliances.

Application

The MVD/6 and MVDLE/6 are recommended for industrial and commercial heating applications that require one or two automatic shutoff valves in series. The MVD and MVDLE valves are suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 84814090

Specifications

Pipe thread (NPT)	1/2" 3/4" 1" 1 1/4" 1 1/2" 2" 2 1/2" 3"
Max. operating pressure	MVD - 7 PSI (500 mbar) [5 PSI @ CSA]; MVDLE - 3 PSI (200 mbar) [2 PSI @ CSA]
Electrical ratings (+10% / -15%)	110 - 120 Vac/60 Hz; 24 Vac/60 Hz (Some Models) 24 Vdc
Enclosure rating	NEMA Type 12 (...16 Series) NEMA Type 4 (.../604 Series)
Electrical connection	Screw terminals with 1/2" NPT conduit connection
Operating time	100 % duty cycle
Ambient temperature rating	-20 °F to +120 °F (-30 °C to +50°C),

Aluminum body; Inlet and outlet side taps (1/4" NPT); Inlet gas strainer installed in the housing upstream valve (23 mesh screen); MVD - fast opening & closing (<1 s), MVDLE - slow opening 20s MAX @ 70F & fast closing (<1 s); both models feature a manually adjustable flow rate (<10 -100%); 100% duty cycle; Refer to Flow Curves for Body Selection.

Code requirements vary. FM requires visual indication on 1" and larger safety valves. The visual indicator, (VI) 217-665 or a CPI 401 (249-194A and CPI 400 (224-253A) meet this requirement. These must be ordered separately.

Model / Tech. Data	Order No.	List Price								
MVD 505/6 1/2" NPT 120 Vac (+10%/-15%), 60 Hz 15 VA, NEMA Type 12 FORMERLY: 46040-2	217-641	378.59								
	<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>110</td> </tr> <tr> <td>Weight (lbs.)</td> <td>2.60</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.18</td> </tr> </table>	Delivery Info	A	Product Group	110	Weight (lbs.)	2.60	Weight (Kg.)	1.18	
Delivery Info	A									
Product Group	110									
Weight (lbs.)	2.60									
Weight (Kg.)	1.18									
MVD 507/6 3/4" NPT 120 Vac (+10%/-15%), 60 Hz 25 VA, NEMA Type 12 FORMERLY: 46040-3	217-606	411.52								
	<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>110</td> </tr> <tr> <td>Weight (lbs.)</td> <td>5.90</td> </tr> <tr> <td>Weight (Kg.)</td> <td>2.68</td> </tr> </table>	Delivery Info	A	Product Group	110	Weight (lbs.)	5.90	Weight (Kg.)	2.68	
Delivery Info	A									
Product Group	110									
Weight (lbs.)	5.90									
Weight (Kg.)	2.68									
MVD 510/6 1" NPT 120 Vac (+10%/-15%), 60 Hz 25 VA, NEMA Type 12 FORMERLY: 46040-4	217-436	460.90								
	<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>110</td> </tr> <tr> <td>Weight (lbs.)</td> <td>5.70</td> </tr> <tr> <td>Weight (Kg.)</td> <td>2.59</td> </tr> </table>	Delivery Info	A	Product Group	110	Weight (lbs.)	5.70	Weight (Kg.)	2.59	
Delivery Info	A									
Product Group	110									
Weight (lbs.)	5.70									
Weight (Kg.)	2.59									

110 Single Automatic Shut-off Valves - MV-D(LE)

Model / Tech. Data	Order No.	List Price		
MVD 512/6 1 1/4" NPT 120 Vac (+10%/-15%), 60 Hz 60 VA, NEMA Type 12 FORMERLY: 46040-5	217-438	493.82		
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;"></td> <td> Delivery Info A Product Group 110 Weight (lbs.) 13.10 Weight (Kg.) 5.95 </td> </tr> </table>			Delivery Info A Product Group 110 Weight (lbs.) 13.10 Weight (Kg.) 5.95	
	Delivery Info A Product Group 110 Weight (lbs.) 13.10 Weight (Kg.) 5.95			
MVD 515/6 1 1/2" NPT 120 Vac (+10%/-15%), 60 Hz 60 VA, NEMA Type 12 FORMERLY: 46040-6	217-439	526.74		
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;"></td> <td> Delivery Info A Product Group 110 Weight (lbs.) 13.10 Weight (Kg.) 5.95 </td> </tr> </table>			Delivery Info A Product Group 110 Weight (lbs.) 13.10 Weight (Kg.) 5.95	
	Delivery Info A Product Group 110 Weight (lbs.) 13.10 Weight (Kg.) 5.95			
MVD 520/6 2" NPT 120 Vac (+10%/-15%), 60 Hz 60 VA, NEMA Type 12 FORMERLY: 46040-8	217-440	795.00		
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;"></td> <td> Delivery Info C Product Group 110 Weight (lbs.) 20.20 Weight (Kg.) 9.17 </td> </tr> </table>			Delivery Info C Product Group 110 Weight (lbs.) 20.20 Weight (Kg.) 9.17	
	Delivery Info C Product Group 110 Weight (lbs.) 20.20 Weight (Kg.) 9.17			
MVD 525/6 2 1/2" NPT 120 Vac (+10%/-15%), 60 Hz 80 VA, NEMA Type 12 FORMERLY: 46040-10	217-441	1,277.88		
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;"></td> <td> Delivery Info C Product Group 110 Weight (lbs.) 34.30 Weight (Kg.) 15.57 </td> </tr> </table>			Delivery Info C Product Group 110 Weight (lbs.) 34.30 Weight (Kg.) 15.57	
	Delivery Info C Product Group 110 Weight (lbs.) 34.30 Weight (Kg.) 15.57			
MVD 530/6 3" NPT 120 Vac (+10%/-15%), 60 Hz 90 VA, NEMA Type 12 FORMERLY: 46040-12	217-442	1,810.00		
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;"></td> <td> Delivery Info C Product Group 110 Weight (lbs.) 54.70 Weight (Kg.) 24.83 </td> </tr> </table>			Delivery Info C Product Group 110 Weight (lbs.) 54.70 Weight (Kg.) 24.83	
	Delivery Info C Product Group 110 Weight (lbs.) 54.70 Weight (Kg.) 24.83			
MVD 505/6 1/2" NPT 24 Vac (+10%/-15%), 60 Hz 15 VA, NEMA Type 12 FORMERLY: 46041-2	217-640	378.59		
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;"></td> <td> Delivery Info C Product Group 110 Weight (lbs.) 2.60 Weight (Kg.) 1.18 </td> </tr> </table>			Delivery Info C Product Group 110 Weight (lbs.) 2.60 Weight (Kg.) 1.18	
	Delivery Info C Product Group 110 Weight (lbs.) 2.60 Weight (Kg.) 1.18			
MVD 507/6 3/4" NPT 24 Vac (+10%/-15%), 60 Hz 25 VA, NEMA Type 12 FORMERLY: 46041-3	217-435	411.52		
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;"></td> <td> Delivery Info C Product Group 110 Weight (lbs.) 5.90 Weight (Kg.) 2.68 </td> </tr> </table>			Delivery Info C Product Group 110 Weight (lbs.) 5.90 Weight (Kg.) 2.68	
	Delivery Info C Product Group 110 Weight (lbs.) 5.90 Weight (Kg.) 2.68			
MVD 510/6 1" NPT 24 Vac (+10%/-15%), 60 Hz 25 VA, NEMA Type 12 FORMERLY: 46041-4	217-437	460.90		
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;"></td> <td> Delivery Info C Product Group 110 Weight (lbs.) 6.10 Weight (Kg.) 2.77 </td> </tr> </table>			Delivery Info C Product Group 110 Weight (lbs.) 6.10 Weight (Kg.) 2.77	
	Delivery Info C Product Group 110 Weight (lbs.) 6.10 Weight (Kg.) 2.77			

110 Single Automatic Shut-off Valves - MV-D(LE)

Model / Tech. Data		Order No.	List Price
MVDLE 205/6		216-870	444.44
1/2" NPT	Delivery Info A		
120 Vac (+10%/-15%), 60 Hz 15 VA, NEMA Type 12	Product Group 110		
	Weight (lbs.) 2.80		
FORMERLY: 46030-2	Weight (Kg.) 1.27		
MVDLE 207/6		216-589	477.36
3/4" NPT	Delivery Info A		
120 Vac (+10%/-15%), 60 Hz 25 VA, NEMA Type 12	Product Group 110		
	Weight (lbs.) 6.20		
FORMERLY: 46030-3	Weight (Kg.) 2.81		
MVDLE 210/6		216-590	526.74
1" NPT	Delivery Info A		
120 Vac (+10%/-15%), 60 Hz 25 VA, NEMA Type 12	Product Group 110		
	Weight (lbs.) 6.00		
FORMERLY: 46030-4	Weight (Kg.) 2.72		
MVDLE 212/6		217-250	559.65
1 1/4" NPT	Delivery Info A		
120 Vac (+10%/-15%), 60 Hz 60 VA, NEMA Type 12	Product Group 110		
	Weight (lbs.) 13.50		
FORMERLY: 46030-5	Weight (Kg.) 6.13		
MVDLE 215/6		216-631	592.58
1 1/2" NPT	Delivery Info A		
120 Vac (+10%/-15%), 60 Hz 60 VA, NEMA Type 12	Product Group 110		
	Weight (lbs.) 13.30		
FORMERLY: 46030-6	Weight (Kg.) 6.04		
MVDLE 220/6		216-632	820.00
2" NPT	Delivery Info C		
120 Vac (+10%/-15%), 60 Hz 60 VA, NEMA Type 12	Product Group 110		
	Weight (lbs.) 14.20		
FORMERLY: 46030-8	Weight (Kg.) 6.45		
MVDLE 225/6		216-633	1,302.88
2 1/2" NPT	Delivery Info C		
120 Vac (+10%/-15%), 60 Hz 80 VA, NEMA Type 12	Product Group 110		
	Weight (lbs.) 26.60		
FORMERLY: 46030-10	Weight (Kg.) 12.08		
MVDLE 230/6		217-251	1,835.00
3" NPT	Delivery Info C		
120 Vac (+10%/-15%), 60 Hz 90 VA, NEMA Type 12	Product Group 110		
	Weight (lbs.) 38.30		
FORMERLY: 46030-12	Weight (Kg.) 17.39		

110 Single Automatic Shut-off Valves - MV-D(LE)

Model / Tech. Data	Order No.	List Price
MVDLE 205/6	217-320	444.44
1/2" NPT 24 Vac (+10%/-15%), 60 Hz 15 VA, NEMA Type 12 FORMERLY: 46031-2	Delivery Info C Product Group 110 Weight (lbs.) 2.60 Weight (Kg.) 1.18	
MVDLE 207/6	217-321	477.36
3/4" NPT 24 Vac (+10%/-15%), 60 Hz 25 VA, NEMA Type 12 FORMERLY: 46031-3	Delivery Info C Product Group 110 Weight (lbs.) 5.90 Weight (Kg.) 2.68	
MVDLE 210/6	217-322	526.74
1" NPT 24 Vac (+10%/-15%), 60 Hz 25 VA, NEMA Type 12 FORMERLY: 46031-4	Delivery Info C Product Group 110 Weight (lbs.) 6.50 Weight (Kg.) 2.95	
MVD 505/604	241-000	731.00
1/2" NPT 120 Vac (+10%/-15%), 60 Hz 15 VA, NEMA Type 4	Delivery Info C Product Group 110 Weight (lbs.) 2.60 Weight (Kg.) 1.18	
MVD 507/604	241-001	800.70
3/4" NPT 120 Vac (+10%/-15%), 60 Hz 25 VA, NEMA Type 4	Delivery Info C Product Group 110 Weight (lbs.) 5.90 Weight (Kg.) 2.68	
MVD 510/604	241-002	875.50
1" NPT 120 Vac (+10%/-15%), 60 Hz 25 VA, NEMA Type 4	Delivery Info C Product Group 110 Weight (lbs.) 5.70 Weight (Kg.) 2.59	
MVD 512/604	241-003	1,108.40
1 1/4" NPT 120 Vac (+10%/-15%), 60 Hz 60 VA, NEMA Type 4	Delivery Info C Product Group 110 Weight (lbs.) 13.10 Weight (Kg.) 5.95	
MVD 515/604	241-004	1,113.50
1 1/2" NPT 120 Vac (+10%/-15%), 60 Hz 60 VA, NEMA Type 4	Delivery Info C Product Group 110 Weight (lbs.) 13.10 Weight (Kg.) 5.95	

110 Single Automatic Shut-off Valves - MV-D(LE)

Model / Tech. Data	Order No.	List Price
MVD 520/604	241-016	1,540.20
2" NPT 120 Vac (+10%/-15%), 60 Hz 60 VA, NEMA Type 4	Delivery Info C Product Group 110 Weight (lbs.) 20.20 Weight (Kg.) 9.17	
MVD 525/604	241-005	2,850.05
2 1/2" NPT 120 Vac (+10%/-15%), 60 Hz 80 VA, NEMA Type 4	Delivery Info C Product Group 110 Weight (lbs.) 34.30 Weight (Kg.) 15.57	
MVD 530/604	241-006	4,412.35
3" NPT 120 Vac (+10%/-15%), 60 Hz 90 VA, NEMA Type 4	Delivery Info C Product Group 110 Weight (lbs.) 54.70 Weight (Kg.) 24.83	
MVDLE 205/604	240-992	790.85
1/2" NPT 120 Vac (+10%/-15%), 60 Hz 15 VA, NEMA Type 4	Delivery Info C Product Group 110 Weight (lbs.) 2.80 Weight (Kg.) 1.27	
MVDLE 207/604	240-993	860.57
3/4" NPT 120 Vac (+10%/-15%), 60 Hz 25 VA, NEMA Type 4	Delivery Info C Product Group 110 Weight (lbs.) 6.20 Weight (Kg.) 2.81	
MVDLE 210/604	240-994	935.32
1" NPT 120 Vac (+10%/-15%), 60 Hz 25 VA, NEMA Type 4	Delivery Info C Product Group 110 Weight (lbs.) 6.00 Weight (Kg.) 2.72	
MVDLE 212/604	240-995	1,168.23
1 1/4" NPT 120 Vac (+10%/-15%), 60 Hz 25 VA, NEMA Type 4	Delivery Info C Product Group 110 Weight (lbs.) 13.50 Weight (Kg.) 6.13	
MVDLE 215/604	240-996	1,173.38
1 1/2" NPT 120 Vac (+10%/-15%), 60 Hz 60 VA, NEMA Type 4	Delivery Info C Product Group 110 Weight (lbs.) 13.30 Weight (Kg.) 6.04	

110 Single Automatic Shut-off Valves - MV-D(LE)

Model / Tech. Data	Order No.	List Price								
MVDLE 220/604	240-997	1,588.07								
2" NPT 120 Vac (+10%/-15%), 60 Hz 60 VA, NEMA Type 4	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>110</td> </tr> <tr> <td>Weight (lbs.)</td> <td>14.20</td> </tr> <tr> <td>Weight (Kg.)</td> <td>6.45</td> </tr> </table>	Delivery Info	C	Product Group	110	Weight (lbs.)	14.20	Weight (Kg.)	6.45	
Delivery Info	C									
Product Group	110									
Weight (lbs.)	14.20									
Weight (Kg.)	6.45									
MVDLE 225/604	240-998	2,906.61								
2 1/2" NPT 120 Vac (+10%/-15%), 60 Hz 80 VA, NEMA Type 4	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>110</td> </tr> <tr> <td>Weight (lbs.)</td> <td>26.60</td> </tr> <tr> <td>Weight (Kg.)</td> <td>12.08</td> </tr> </table>	Delivery Info	C	Product Group	110	Weight (lbs.)	26.60	Weight (Kg.)	12.08	
Delivery Info	C									
Product Group	110									
Weight (lbs.)	26.60									
Weight (Kg.)	12.08									
MVDLE 230/604	240-999	4,486.81								
3" NPT 120 Vac (+10%/-15%), 60 Hz 90 VA, NEMA Type 4	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>110</td> </tr> <tr> <td>Weight (lbs.)</td> <td>38.30</td> </tr> <tr> <td>Weight (Kg.)</td> <td>17.39</td> </tr> </table>	Delivery Info	C	Product Group	110	Weight (lbs.)	38.30	Weight (Kg.)	17.39	
Delivery Info	C									
Product Group	110									
Weight (lbs.)	38.30									
Weight (Kg.)	17.39									



Description

The DUNGS MVD and the MVDLE electrically operated, normally closed, automatic shutoff valves for gas burners and gas appliances.

Application

The DUNGS MVD and MVDLE are recommended for industrial and commercial heating applications that require one or two automatic shutoff valves in series. The MVD and MVDLE safety shutoff valves are suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 84814090

Specifications

Pipe thread (RP)	1/2" 3/4" 1" 1 1/4" 1 1/2" 2"
Max. operating pressure	MVD - 7 PSI (500 mbar), MVDLE - 3 PSI (200 mbar)
Electrical ratings (+10% / -15%)	110 - 120 Vac/50 - 60 Hz; 220 - 240 Vac/50 - 60 Hz 24 Vac/ 50 - 60 Hz; 24 Vdc
Enclosure rating	IP 54 (NEMA Type 12)
Electrical connection	Screw terminals with SO cord connection
Operating time	100 % duty cycle
Ambient temperature rating	+ 5 °F to +140 °F (-15 °C to +60 °C),

Aluminum body; Inlet side taps (G1/4"); Inlet gas strainer installed in the housing upstream valve (23 mesh screen); MVD fast opening & closing (<1 s), MVDLE - slow opening 20s MAX @ 70F & fast closing (<1 s); both models feature a manually adjustable flow rate (<10-100%); 100% duty cycle; Refer to Flow Curves for Body Selection.

European code requirements for position indication vary. The DUNGS KO1 (211-202A) switch meets EN1531 and EN 161 code requirements for closed position signal contact.

Model / Tech. Data	Order No.	List Price
MVD 503/5	46060-1	350.70
Rp 3/8 110 Vac (+10%/-15%), 50/60 Hz 15 VA, IP 54	Delivery Info C Product Group 110 Weight (lbs.) 1.90 Weight (Kg.) 0.86	
MVD 505/5	46060-2	378.61
Rp 1/2 110 Vac (+10%/-15%), 50/60 Hz 15 VA, IP 54	Delivery Info C Product Group 110 Weight (lbs.) 2.60 Weight (Kg.) 1.18	
MVD 507/5	46060-3	411.53
Rp 3/4 110 Vac (+10%/-15%), 50/60 Hz 25 VA, IP 54	Delivery Info C Product Group 110 Weight (lbs.) 5.90 Weight (Kg.) 2.68	

110 Single Automatic Shut-off Valves - MV-D(LE)

Model / Tech. Data		Order No.	List Price
MVD 510/5		46060-4	460.90
Rp 1 110 Vac (+10%/-15%), 50/60 Hz 25 VA, IP 54		Delivery Info C Product Group 110 Weight (lbs.) 6.10 Weight (Kg.) 2.77	
MVD 515/5		46060-5	526.74
Rp 1 1/2 110 Vac (+10%/-15%), 50/60 Hz 60 VA, IP 54		Delivery Info C Product Group 110 Weight (lbs.) 6.10 Weight (Kg.) 2.77	
MVD 520/5		46060-6	874.50
Rp 2 110 Vac (+10%/-15%), 50/60 Hz 90 VA, IP 54		Delivery Info C Product Group 110 Weight (lbs.) 20.20 Weight (Kg.) 9.17	
MVD 525/5		46060-7	1,405.67
Rp 2 1/2 110 Vac (+10%/-15%), 50/60 Hz 90 VA, IP 54		Delivery Info C Product Group 110 Weight (lbs.) 32.00 Weight (Kg.) 14.53	
MVD 503/5		158-090	350.70
Rp 3/8 230 Vac (+10%/-15%), 50/60 Hz 15 VA, IP 54 FORMERLY: D158090		Delivery Info C Product Group 110 Weight (lbs.) 1.90 Weight (Kg.) 0.86	
MVD 505/5		158-110	378.61
Rp 1/2 230 Vac (+10%/-15%), 50/60 Hz 15 VA, IP 54 FORMERLY: D158110		Delivery Info B Product Group 110 Weight (lbs.) 2.60 Weight (Kg.) 1.18	
MVD 507/5		157-530	411.53
Rp 3/4 230 Vac (+10%/-15%), 50/60 Hz 25 VA, IP 54 FORMERLY: D157530		Delivery Info B Product Group 110 Weight (lbs.) 5.90 Weight (Kg.) 2.68	
MVD 510/5		157-540	460.90
Rp 1 230 Vac (+10%/-15%), 50/60 Hz 25 VA, IP 54 FORMERLY: D157540		Delivery Info B Product Group 110 Weight (lbs.) 6.10 Weight (Kg.) 2.77	

110 Single Automatic Shut-off Valves - MV-D(LE)

Model / Tech. Data		Order No.	List Price
MVD 515/5		157-550	526.74
Rp 1 1/2 230 Vac (+10%/-15%), 50/60 Hz 60 VA, IP 54 FORMERLY: D157550		Delivery Info B Product Group 110 Weight (lbs.) 6.10 Weight (Kg.) 2.77	
MVD 520/5		167-200	874.50
Rp 2 230 Vac (+10%/-15%), 50/60 Hz 90 VA, IP 54 FORMERLY: D167200		Delivery Info B Product Group 110 Weight (lbs.) 20.20 Weight (Kg.) 9.17	
MVD 525/5		170-750	1,405.67
Rp 2 1/2 230 Vac (+10%/-15%), 50/60 Hz 90 VA, IP 54 FORMERLY: D170750		Delivery Info B Product Group 110 Weight (lbs.) 32.00 Weight (Kg.) 14.53	
MVDLE 203/5		46060-11	379.92
Rp 3/8 110 Vac (+10%/-15%), 50/60 Hz 15 VA, IP 54		Delivery Info C Product Group 110 Weight (lbs.) 1.90 Weight (Kg.) 0.86	
MVDLE 205/5		46060-12	444.47
Rp 1/2 110 Vac (+10%/-15%), 50/60 Hz 15 VA, IP 54		Delivery Info C Product Group 110 Weight (lbs.) 2.80 Weight (Kg.) 1.27	
MVDLE 207/5		46060-13	477.37
Rp 3/4 110 Vac (+10%/-15%), 50/60 Hz 25 VA, IP 54		Delivery Info C Product Group 110 Weight (lbs.) 6.20 Weight (Kg.) 2.81	
MVDLE 210/5		46060-14	526.74
Rp 1 110 Vac (+10%/-15%), 50/60 Hz 25 VA, IP 54		Delivery Info C Product Group 110 Weight (lbs.) 7.70 Weight (Kg.) 3.50	
MVDLE 215/5		46060-15	592.58
Rp 1 1/2 110 Vac (+10%/-15%), 50/60 Hz 60 VA, IP 54		Delivery Info C Product Group 110 Weight (lbs.) 13.30 Weight (Kg.) 6.04	

110 Single Automatic Shut-off Valves - MV-D(LE)

Model / Tech. Data		Order No.	List Price
MVDLE 220/5		46060-16	902.00
Rp 2 110 Vac (+10%/-15%), 50/60 Hz 60 VA, IP 54		Delivery Info C Product Group 110 Weight (lbs.) 14.20 Weight (Kg.) 6.45	
MVDLE 225/5		46060-17	1,433.17
Rp 2 1/2 110 Vac (+10%/-15%), 50/60 Hz 90 VA, IP 54		Delivery Info C Product Group 110 Weight (lbs.) 24.00 Weight (Kg.) 10.90	
MVDLE 203/5		108-597	379.92
Rp 3/8 230 Vac (+10%/-15%), 50/60 Hz 15 VA, IP 54 FORMERLY: D108597		Delivery Info C Product Group 110 Weight (lbs.) 2.00 Weight (Kg.) 0.91	
MVDLE 205/5		013-284	444.47
Rp 1/2 230 Vac (+10%/-15%), 50/60 Hz 15 VA, IP 54 FORMERLY: D013284		Delivery Info B Product Group 110 Weight (lbs.) 6.00 Weight (Kg.) 2.72	
MVDLE 207/5		013-276	477.37
Rp 3/4 230 Vac (+10%/-15%), 50/60 Hz 25 VA, IP 54 FORMERLY: D013276		Delivery Info B Product Group 110 Weight (lbs.) 6.20 Weight (Kg.) 2.81	
MVDLE 210/5		013-524	526.74
Rp 1 230 Vac (+10%/-15%), 50/60 Hz 25 VA, IP 54 FORMERLY: D013524		Delivery Info B Product Group 110 Weight (lbs.) 6.60 Weight (Kg.) 3.00	
MVDLE 215/5		015-412	592.58
Rp 1 1/2 230 Vac (+10%/-15%), 50/60 Hz 60 VA, IP 54 FORMERLY: D015412		Delivery Info B Product Group 110 Weight (lbs.) 13.30 Weight (Kg.) 6.04	
MVDLE 220/5		011-775	902.00
Rp 2 230 Vac (+10%/-15%), 50/60 Hz 60 VA, IP 54 FORMERLY: D011775		Delivery Info B Product Group 110 Weight (lbs.) 14.20 Weight (Kg.) 6.45	

110 Single Automatic Shut-off Valves - MV-D(LE)

Model / Tech. Data		Order No.	List Price
MVDLE 225/5		118-935	1,433.17
Rp 2 1/2 230 Vac (+10%/-15%), 50/60 Hz 90 VA, IP 54 FORMERLY: D118935		Delivery Info B Product Group 110 Weight (lbs.) 26.60 Weight (Kg.) 12.08	
MVDLE 503/5		222-077	411.56
Rp 3/8 230 Vac (+10%/-15%), 50/60 Hz 15 VA, IP 54 FORMERLY: D222077		Delivery Info C Product Group 110 Weight (lbs.) 1.90 Weight (Kg.) 0.86	
MVDLE 505/5		222-078	521.74
Rp 1/2 230 Vac (+10%/-15%), 50/60 Hz 15 VA, IP 54 FORMERLY: D222078		Delivery Info C Product Group 110 Weight (lbs.) 2.80 Weight (Kg.) 1.27	
MVDLE 507/5		222-079	553.74
Rp 3/4 230 Vac (+10%/-15%), 50/60 Hz 25 VA, IP 54 FORMERLY: D222079		Delivery Info C Product Group 110 Weight (lbs.) 6.20 Weight (Kg.) 2.81	
MVDLE 510/5		222-080	601.98
Rp 1 230 Vac (+10%/-15%), 50/60 Hz 25 VA, IP 54 FORMERLY: D222080		Delivery Info C Product Group 110 Weight (lbs.) 6.10 Weight (Kg.) 2.77	
MVDLE 515/5		222-081	666.66
Rp 1 1/2 230 Vac (+10%/-15%), 50/60 Hz 60 VA, IP 54 FORMERLY: D222081		Delivery Info C Product Group 110 Weight (lbs.) 6.10 Weight (Kg.) 2.77	
MVDLE 520/5		222-082	992.20
Rp 2 230 Vac (+10%/-15%), 50/60 Hz 90 VA, IP 54 FORMERLY: D222082		Delivery Info C Product Group 110 Weight (lbs.) 20.20 Weight (Kg.) 9.17	
MV 502		46060-26	214.43
Rp 1/4 110 Vac (+10%/-15%), 50/60 Hz 5 VA, IP 54		Delivery Info B Product Group 110 Weight (lbs.) 0.50 Weight (Kg.) 0.23	

110 Single Automatic Shut-off Valves - MV-D(LE)

Model / Tech. Data	Order No.	List Price
<p>MV 502</p> <p>Rp 1/4</p> <p>230 Vac (+10%/-15%), 50/60 Hz 5 VA, IP 54</p> <p>FORMERLY: D215953</p>	<p>215-953</p> <p>Delivery Info C</p> <p>Product Group 110</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>	<p>214.43</p>
<p>MV 502</p> <p>Rp 1/4" Pipe Coupling</p> <p>230 Vac (+10%/-15%), 50/60 Hz 5 VA, IP 54</p> <p>FORMERLY: D218971</p>	<p>218-971</p> <p>Delivery Info C</p> <p>Product Group 110</p> <p>Weight (lbs.) 0.80</p> <p>Weight (Kg.) 0.36</p>	<p>214.43</p>
<p>LGV 507/5</p> <p>Rp 3/4" Normally OPEN Vent Valve</p> <p>110 Vac (+10%/-15%), 50/60 Hz 15 VA, IP 54</p>	<p>46060-25</p> <p>Delivery Info B</p> <p>Product Group 110</p> <p>Weight (lbs.) 5.90</p> <p>Weight (Kg.) 2.68</p>	<p>335.18</p>
<p>LGV 507/5</p> <p>Rp 3/4" Normally OPEN Vent Valve</p> <p>230 Vac (+10%/-15%), 50/60 Hz 15 VA, IP 54</p> <p>FORMERLY: D119271</p>	<p>119-271</p> <p>Delivery Info C</p> <p>Product Group 110</p> <p>Weight (lbs.) 5.90</p> <p>Weight (Kg.) 2.68</p>	<p>335.18</p>
<p>LGV 507/5</p> <p>Rp 3/4" Normally OPEN Vent Valve</p> <p>24 Vdc (+10%/-15%) 15 VA, IP 65</p>	<p>208-382</p> <p>Delivery Info C</p> <p>Product Group 110</p> <p>Weight (lbs.) 5.90</p> <p>Weight (Kg.) 2.68</p>	<p>645.85</p>



Description

The DUNGS SV and the SV-DLE are electrically operated, normally closed, automatic shutoff valves for gas burners and gas appliances. The SV & SV-DLE /614 Incorporate overtravel and a proof of closure switch.

Application

The SV and SV-DLE are recommended for industrial and commercial heating applications that require one or two automatic shutoff valves in series with proof of closure. The SV and SV-DLE safety shutoff valves are suitable for natural gas, propane, butane, air and other inert gases.



UL Pending

Harmonized Code: 84814090

Specifications

Pipe thread (NPT)	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. operating pressure	10 PSI (700 mbar)					
Max. close off pressure	15 PSI (1000 mbar)					
Electrical ratings (+10% / -15%)	120 Vac 50 - 60 Hz					
Enclosure rating	NEMA Type 4 - Mounted upright only					
Electrical connection	DIN-connector with 1/2" NPT conduit adapter					
Operating time	100 % duty cycle					
Ambient temperature rating	- 40 °F to +140 °F (-40 °C to +60 °C)					

Aluminum body; NPT threaded inlet, NPT flanged outlet (supplied with valve); Multiple test ports, G 1/8 ISO 228 test ports available on the SV and SV-DLE. See sales brochure for details. Inlet gas strainer installed in the housing upstream valve (23 mesh screen); SV fast opening & closing (<1 s), SV-DLE - slow opening 20s MAX @ 70F & fast closing (<1 s), and manually adjustable flow rate (0-100%); 100% duty cycle; Refer to flow curves for body selection. **Factory mounted and calibrated proof of closure switch:** SPDT 10 A resistive, 8 FLA, 48 LRA @ 120 Vac; NEMA type 4; - 40 °F to +150 °F (-40 °C to +65 °C); Switch incorporates visual indication of valve (opened & closed). Conduit Adapter (240-671), DIN connector (210-319), and flanges must be ordered and priced separately.

Model / Tech. Data	Order No.	List Price
<p>SV 1005/614</p> <p>1/2" NPT</p> <p>120 Vac (+10%/-15%), 50/60 Hz 20 VA, NEMA Type 4 Small Body</p> <p>FORMERLY: D244070</p>	244-070P	598.79
<p>SV 1007/614</p> <p>3/4" NPT</p> <p>120 Vac (+10%/-15%), 50/60 Hz 20 VA, NEMA Type 4 Small Body</p> <p>FORMERLY: D244055</p>	244-055P	628.71
<p>SV 1010/614</p> <p>1" NPT</p> <p>120 Vac (+10%/-15%), 50/60 Hz 25 VA, NEMA Type 4 Medium Body</p> <p>FORMERLY: D244058</p>	244-058P	673.60

110 Single Automatic Shut-off Valves NEMA Type 4x with Proof of Closure - SV-(DLE)

Model / Tech. Data		Order No.	List Price
SV 1012/614		244-078P	703.52
1 1/4" NPT 120 Vac (+10%/-15%), 50/60 Hz 25 VA, NEMA Type 4 Medium Body FORMERLY: D244078		Delivery Info A Product Group 110 Weight (lbs.) 9.30 Weight (Kg.) 4.22	
SV 1015/614		244-011P	733.46
1 1/2" NPT 120 Vac (+10%/-15%), 50/60 Hz 45 VA, NEMA Type 4 Large Body FORMERLY: D244011		Delivery Info A Product Group 110 Weight (lbs.) 16.10 Weight (Kg.) 7.31	
SV 1020/614		244-081P	808.28
2" NPT 120 Vac (+10%/-15%), 50/60 Hz 45 VA, NEMA Type 4 Large Body FORMERLY: D244081		Delivery Info A Product Group 110 Weight (lbs.) 16.10 Weight (Kg.) 7.31	
SV-DLE 1005/614		244-072P	703.52
1/2" NPT 120 Vac (+10%/-15%), 50/60 Hz 20 VA, NEMA Type 4 Small Body FORMERLY: D244072		Delivery Info A Product Group 110 Weight (lbs.) 3.50 Weight (Kg.) 1.59	
SV-DLE 1007/614		244-054P	733.46
3/4" NPT 120 Vac (+10%/-15%), 50/60 Hz 20 VA, NEMA Type 4 Small Body FORMERLY: D244054		Delivery Info A Product Group 110 Weight (lbs.) 3.50 Weight (Kg.) 1.59	
SV-DLE 1010/614		244-059P	778.35
1" NPT 120 Vac (+10%/-15%), 50/60 Hz 25 VA, NEMA Type 4 Medium Body FORMERLY: D244059		Delivery Info A Product Group 110 Weight (lbs.) 9.30 Weight (Kg.) 4.22	
SV-DLE 1012 / 614		244-080P	808.28
1 1/4" NPT 120 Vac (+10%/-15%), 50/60 Hz 25 VA, NEMA Type 4 Medium Body FORMERLY: D244080		Delivery Info A Product Group 110 Weight (lbs.) 9.30 Weight (Kg.) 4.22	
SV-DLE 1015/614		244-010P	838.22
1 1/2" NPT 120 Vac (+10%/-15%), 50/60 Hz 45 VA, NEMA Type 4 Large Body FORMERLY: D244010		Delivery Info A Product Group 110 Weight (lbs.) 16.10 Weight (Kg.) 7.31	

110 Single Automatic Shut-off Valves NEMA Type 4x with Proof of Closure - SV-(DLE)

Model / Tech. Data	Order No.	List Price								
SV-DLE 1020/614	244-083P	898.06								
2" NPT 120 Vac (+10%/-15%), 50/60 Hz 45 VA, NEMA Type 4 Large Body FORMERLY: D244083	<table border="1"> <tr> <td>Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>110</td> </tr> <tr> <td>Weight (lbs.)</td> <td>16.10</td> </tr> <tr> <td>Weight (Kg.)</td> <td>7.31</td> </tr> </table>	Delivery Info	A	Product Group	110	Weight (lbs.)	16.10	Weight (Kg.)	7.31	
Delivery Info	A									
Product Group	110									
Weight (lbs.)	16.10									
Weight (Kg.)	7.31									



Description

The DUNGS SV and the SV-DLE are electrically operated, normally closed, automatic shutoff valves for gas burners and gas appliances.

Application

The SV and SV-DLE are recommended for industrial and commercial heating applications that require one or two automatic shutoff valves in series with proof of closure. The SV and SV-DLE safety shutoff valves are suitable for natural gas, propane, butane, air and other inert gases.



UL Pending

Harmonized Code: 84814090

Specifications

Pipe thread (NPT)	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. operating pressure	10 PSI (700 mbar)					
Max. close off pressure	15 PSI (1000 mbar)					
Electrical ratings (+10% / -15%)	120 Vac 50 - 60 Hz					
Enclosure rating	NEMA Type 4 - Mounted upright only					
Electrical connection	DIN-connector with 1/2" NPT conduit adapter					
Operating time	100 % duty cycle					
Ambient temperature rating	- 40 °F to +140 °F (-40 °C to +60 °C)					

Aluminum body; NPT threaded inlet, NPT flanged outlet (supplied with valve); Multiple test ports, G 1/8 ISO 228 test ports available on the SV and SV-DLE. See sales brochure for details. Inlet gas strainer installed in the housing upstream valve (23 mesh screen); SV fast opening & closing (<1 s), SV-DLE - slow opening 20s MAX @ 70F & fast closing (<1 s), and manually adjustable flow rate (0-100%); 100% duty cycle; Refer to flow curves for body selection.

Code requirements vary. FM requires visual indication on 1" and larger safety valves. The visual indicator, (VI) 217-665 or one CPI 400 (CPI) 224 -253A, meet this requirement. These must be ordered separately.

Conduit Adapter (240-671), DIN connector (210-319), and flanges must be ordered and priced separately.

Model / Tech. Data	Order No.	List Price
SV 1005/604 1/2" NPT 120 Vac (+10%/-15%), 50/60 Hz 20 VA, NEMA Type 4 Small body FORMERLY: D246700	246-700NP	496.67
SV 1007/604 3/4" NPT 120 Vac (+10%/-15%), 50/60 Hz 20 VA, NEMA Type 4 Small body FORMERLY: D246701	246-701NP	526.61
SV 1010/604 1" NPT 120 Vac (+10%/-15%), 50/60 Hz 25 VA, NEMA Type 4 Medium body FORMERLY: D246702	246-702NP	571.49

110 Single Automatic Shut-off Valves NEMA Type 4x - SV-(DLE)

Model / Tech. Data		Order No.	List Price
SV 1012/604		246-703NP	601.42
1 1/4" NPT 120 Vac (+10%/-15%), 50/60 Hz 25 VA, NEMA Type 4 Medium body FORMERLY: D246703	Delivery Info NP Product Group 110 Weight (lbs.) 9.30 Weight (Kg.) 4.22		
SV 1015/604		246-704NP	631.34
1 1/2" NPT 120 Vac (+10%/-15%), 50/60 Hz 45 VA, NEMA Type 4 Large body FORMERLY: D246704	Delivery Info NP Product Group 110 Weight (lbs.) 16.10 Weight (Kg.) 7.31		
SV 1020/604		246-705NP	706.17
2" NPT 120 Vac (+10%/-15%), 50/60 Hz 45 VA, NEMA Type 4 Large body FORMERLY: D246705	Delivery Info NP Product Group 110 Weight (lbs.) 16.10 Weight (Kg.) 7.31		
SV-DLE 1005/604		246-706NP	601.42
1/2" NPT 120 Vac (+10%/-15%), 50/60 Hz 20 VA, NEMA Type 4 Small body FORMERLY: D246706	Delivery Info NP Product Group 110 Weight (lbs.) 3.50 Weight (Kg.) 1.59		
SV-DLE 1007/604		246-707NP	631.34
3/4" NPT 120 Vac (+10%/-15%), 50/60 Hz 20 VA, NEMA Type 4 Small body FORMERLY: D246707	Delivery Info NP Product Group 110 Weight (lbs.) 3.50 Weight (Kg.) 1.59		
SV-DLE 1010/604		246-708NP	676.24
1" NPT 120 Vac (+10%/-15%), 50/60 Hz 25 VA, NEMA Type 4 Medium body FORMERLY: D246708	Delivery Info NP Product Group 110 Weight (lbs.) 9.30 Weight (Kg.) 4.22		
SV-DLE 1012/604		246-709NP	706.17
1 1/4" NPT 120 Vac (+10%/-15%), 50/60 Hz 25 VA, NEMA Type 4 Medium body FORMERLY: D246709	Delivery Info NP Product Group 110 Weight (lbs.) 9.30 Weight (Kg.) 4.22		
SV-DLE 1015/604		246-710NP	736.10
1 1/2" NPT 120 Vac (+10%/-15%), 50/60 Hz 45 VA, NEMA Type 4 Large body FORMERLY: D246710	Delivery Info NP Product Group 110 Weight (lbs.) 16.10 Weight (Kg.) 7.31		

110 Single Automatic Shut-off Valves NEMA Type 4x - SV-(DLE)

Model / Tech. Data	Order No.	List Price								
SV-DLE 1020/604	246-711NP	795.95								
2" NPT 120 Vac (+10%/-15%), 50/60 Hz 45 VA, NEMA Type 4 Large body FORMERLY: D246711	<table border="1"><tr><td>Delivery Info</td><td>NP</td></tr><tr><td>Product Group</td><td>110</td></tr><tr><td>Weight (lbs.)</td><td>16.10</td></tr><tr><td>Weight (Kg.)</td><td>7.31</td></tr></table>	Delivery Info	NP	Product Group	110	Weight (lbs.)	16.10	Weight (Kg.)	7.31	
Delivery Info	NP									
Product Group	110									
Weight (lbs.)	16.10									
Weight (Kg.)	7.31									



Description

The DUNGS SV and the SV-DLE are electrically operated, normally closed, automatic shutoff valves for gas burners and gas appliances.

Application

The SV and SV-DLE are recommended for industrial and commercial heating applications that require one or two automatic shutoff valves in series. The SV and SV-DLE safety shutoff valves are suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 84814090

Specifications

Pipe thread (Rp)	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. operating pressure	10 PSI (700 mbar)					
Max. close off pressure	15 PSI (1000 mbar)					
Electrical ratings (+10% / -15%)	110 & 220 Vac 50 - 60 Hz, 24 Vdc					
Enclosure rating	IP 65 - Mounted upright only					
Electrical connection	DIN-connector with 1/2" NPT conduit adapter					
Operating time	100 % duty cycle					
Ambient temperature rating	+5 °F to +140 °F (-15 °C to +60 °C)					

Aluminum body; Rp threaded inlet, Rp flanged outlet (supplied with valve); Multiple test ports, G 1/8 ISO 228 test ports available on the SV and SV-DLE. See sales brochure for details. Inlet gas strainer installed in the housing upstream valve (23 mesh screen); SV fast opening & closing (<1 s), SV-DLE - slow opening 20s MAX @ 70F & fast closing (<1 s), and manually adjustable flow rate (0-100%); 100% duty cycle; Refer to flow curves for body selection.

European code requirements for position indication vary. The DUNGS KO1 (211-202A) switch meets EN1531 and EN 161 code requirements for closed position signal contact. (Variant 7 only)

Conduit Adapter (240-671), DIN connector (210-319), and flanges must be ordered and priced separately.

Model / Tech. Data	Order No.	List Price
SV-D 505	240-321NP	559.98
Variant 6 220 Vac (+10%/-15%), 50/60 Hz 20 VA, IP 65 Small body FORMERLY: D240321	Delivery Info C Product Group 110 Weight (lbs.) 3.30 Weight (Kg.) 1.50	
SV-D 507	240-324NP	592.90
Variant 6 220 Vac (+10%/-15%), 50/60 Hz 20 VA, IP 65 Small body FORMERLY: D240324	Delivery Info C Product Group 110 Weight (lbs.) 3.30 Weight (Kg.) 1.50	
SV-D 510	240-326NP	679.40
Variant 7 220 Vac (+10%/-15%), 50/60 Hz 25 VA, IP 65 Medium body FORMERLY: D240326	Delivery Info C Product Group 110 Weight (lbs.) 9.30 Weight (Kg.) 4.22	

110 Single Automatic Shut-off Valves IP 65 - SV-(DLE)

Model / Tech. Data		Order No.	List Price
SV-D 512		240-328NP	715.84
Variant 7 220 Vac (+10%/-15%), 50/60 Hz 25 VA, IP 65 Medium body FORMERLY: D240328		Delivery Info O Product Group 110 Weight (lbs.) 9.30 Weight (Kg.) 4.22	
SV-D 515		243-820NP	824.39
Variant 7 220 Vac (+10%/-15%), 50/60 Hz 50VA, IP 65 Large body FORMERLY: D240820		Delivery Info C Product Group 110 Weight (lbs.) 16.10 Weight (Kg.) 7.31	
SV-D 520		240-332NP	1,079.18
Variant 7 220 Vac (+10%/-15%), 50/60 Hz 50 VA, IP 65 Large body FORMERLY: D240332		Delivery Info C Product Group 110 Weight (lbs.) 16.10 Weight (Kg.) 7.31	
SV-DLE 505		240-334NP	675.19
Variant 6 220 Vac (+10%/-15%), 50/60 Hz 20 VA, IP 65 Small body FORMERLY: D240334		Delivery Info C Product Group 110 Weight (lbs.) 3.50 Weight (Kg.) 1.59	
SV-DLE 507		240-337NP	708.09
Variant 6 220 Vac (+10%/-15%), 50/60 Hz 20 VA, IP 65 Small body FORMERLY: D240337		Delivery Info C Product Group 110 Weight (lbs.) 3.50 Weight (Kg.) 1.59	
SV-DLE 510		240-339NP	736.94
Variant 7 220 Vac (+10%/-15%), 50/60 Hz 25 VA, IP 65 Medium body FORMERLY: D240339		Delivery Info C Product Group 110 Weight (lbs.) 9.30 Weight (Kg.) 4.22	
SV-DLE 512		240-341NP	831.08
Variant 7 220 Vac (+10%/-15%), 50/60 Hz 25 VA, IP 65 Medium body FORMERLY: D240341		Delivery Info O Product Group 110 Weight (lbs.) 9.30 Weight (Kg.) 4.22	
SV-DLE 515		240-821NP	838.56
Variant 7 220 Vac (+10%/-15%), 50/60 Hz 50 VA, IP 65 Large body FORMERLY: D240821		Delivery Info C Product Group 110 Weight (lbs.) 16.10 Weight (Kg.) 7.31	

110 Single Automatic Shut-off Valves IP 65 - SV-(DLE)

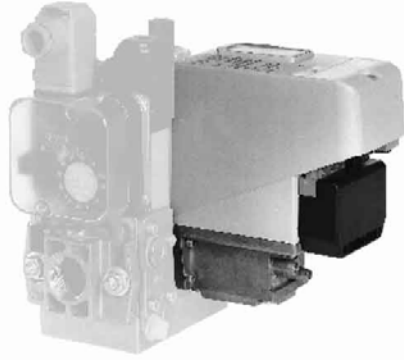
Model / Tech. Data		Order No.	List Price
SV-DLE 520		240-345NP	1,090.62
Variant 7 220 Vac (+10%/-15%), 50/60 Hz 50 VA, IP 65 Large body FORMERLY: D240345		Delivery Info O Product Group 110 Weight (lbs.) 16.10 Weight (Kg.) 7.31	
SV-D 505		243-477NP	559.98
Variant 6 110 Vac (+10%/-15%), 50/60 Hz 20 VA, IP 65 Small body FORMERLY: D243477		Delivery Info O Product Group 110 Weight (lbs.) 3.30 Weight (Kg.) 1.50	
SV-D 507		243-462NP	592.90
Variant 6 110 Vac (+10%/-15%), 50/60 Hz 20 VA, IP 65 Small body FORMERLY: D243462		Delivery Info O Product Group 110 Weight (lbs.) 3.30 Weight (Kg.) 1.50	
SV-D 510		243-483NP	679.40
Variant 7 110 Vac (+10%/-15%), 50/60 Hz 25 VA, IP 65 Medium body FORMERLY: D243483		Delivery Info O Product Group 110 Weight (lbs.) 9.30 Weight (Kg.) 4.22	
SV-D 512		243-846NP	715.84
Variant 7 110 Vac (+10%/-15%), 50/60 Hz 25 VA, IP 65 Medium body FORMERLY: D243846		Delivery Info O Product Group 110 Weight (lbs.) 9.30 Weight (Kg.) 4.22	
SV-D 515		243-840NP	824.39
Variant 7 110 Vac (+10%/-15%), 50/60 Hz 50 VA, IP 65 Large body FORMERLY: D243840		Delivery Info O Product Group 110 Weight (lbs.) 16.10 Weight (Kg.) 7.31	
SV-D 520		243-492NP	1,079.18
Variant 7 110 Vac (+10%/-15%), 50/60 Hz 50 VA, IP 65 Large body FORMERLY: D243492		Delivery Info O Product Group 110 Weight (lbs.) 16.10 Weight (Kg.) 7.31	
SV-DLE 505		243-478NP	675.19
Variant 6 110 Vac (+10%/-15%), 50/60 Hz 20 VA, IP 65 Small body FORMERLY: D243478		Delivery Info O Product Group 110 Weight (lbs.) 3.50 Weight (Kg.) 1.59	

110 Single Automatic Shut-off Valves IP 65 - SV-(DLE)

Model / Tech. Data		Order No.	List Price
SV-DLE 507		243-481NP	708.09
Variant 6 110 Vac (+10%/-15%), 50/60 Hz 20 VA, IP 65 Small body FORMERLY: D243481		Delivery Info O Product Group 110 Weight (lbs.) 3.50 Weight (Kg.) 1.59	
SV-DLE 510		243-484NP	736.94
Variant 7 110 Vac (+10%/-15%), 50/60 Hz 25 VA, IP 65 Medium body FORMERLY: D243484		Delivery Info O Product Group 110 Weight (lbs.) 9.30 Weight (Kg.) 4.22	
SV-DLE 512		243-487NP	831.08
Variant 7 110 Vac (+10%/-15%), 50/60 Hz 25 VA, IP 65 Medium body FORMERLY: D243487		Delivery Info O Product Group 110 Weight (lbs.) 9.30 Weight (Kg.) 4.22	
SV-DLE 515		243-841NP	838.56
Variant 7 110 Vac (+10%/-15%), 50/60 Hz 50 VA, IP 65 Large body FORMERLY: D243841		Delivery Info O Product Group 110 Weight (lbs.) 16.10 Weight (Kg.) 7.31	
SV-DLE 520		243-493NP	1,090.62
Variant 7 110 Vac (+10%/-15%), 50/60 Hz 50 VA, IP 65 Large body FORMERLY: D243493		Delivery Info O Product Group 110 Weight (lbs.) 16.10 Weight (Kg.) 7.31	
SV-D 505		243-066NP	615.98
Variant 6 24Vdc (+10%/-15%) 20 VA, IP 65 Small body		Delivery Info C Product Group 110 Weight (lbs.) 3.30 Weight (Kg.) 1.50	
SV-D 507		243-051NP	652.18
Variant 1 24Vdc (+10%/-15%) 20 VA, IP 65 Small body		Delivery Info C Product Group 110 Weight (lbs.) 3.30 Weight (Kg.) 1.50	
SV-D 510		243-072NP	747.34
Variant 7 24Vdc (+10%/-15%) 25 VA, IP 65 Medium body		Delivery Info O Product Group 110 Weight (lbs.) 9.30 Weight (Kg.) 4.22	

110 Single Automatic Shut-off Valves IP 65 - SV-(DLE)

Model / Tech. Data		Order No.	List Price
SV-D 515		243-834NP	906.82
Variant 7 24Vdc (+10%/-15%) 50 VA, IP 65 Large body	Delivery Info O Product Group 110 Weight (lbs.) 16.10 Weight (Kg.) 7.31		
SV-D 520		243-081NP	1,187.10
Variant 7 24Vdc (+10%/-15%) 50 VA, IP 65 Large body	Delivery Info O Product Group 110 Weight (lbs.) 16.10 Weight (Kg.) 7.31		
SV-DLE 505		243-067NP	742.71
Variant 6 24Vdc (+10%/-15%) 20 VA, IP 65 Small body	Delivery Info C Product Group 110 Weight (lbs.) 3.30 Weight (Kg.) 1.50		
SV-DLE 507		243-052NP	778.90
Variant 1 24Vdc (+10%/-15%) 20 VA, IP 65 Small body	Delivery Info C Product Group 110 Weight (lbs.) 3.30 Weight (Kg.) 1.50		
SV-DLE 510		TBD	810.63
Variant 7 24Vdc (+10%/-15%) 25 VA, IP 65 Medium body	Delivery Info O Product Group 110 Weight (lbs.) 9.30 Weight (Kg.) 4.22		
SV-DLE 515		243-835NP	922.42
Variant 7 24Vdc (+10%/-15%) 50 VA, IP 65 Large body	Delivery Info O Product Group 110 Weight (lbs.) 16.10 Weight (Kg.) 7.31		
SV-DLE 520		243-082NP	1,199.68
Variant 7 24Vdc (+10%/-15%) 50 VA, IP 65 Large body	Delivery Info O Product Group 110 Weight (lbs.) 16.10 Weight (Kg.) 7.31		



Description

The DUNGS VPS 504 S06 is a valve proving system for DMV series safety valves. It checks that both safety shutoff valves in a DMV series gas train are fully closed before either a system startup and/or after system shutdown when wired and interlocked to a suitable flame safeguard control. The VPS 504 S06 will halt the startup sequence to a burner if it detects an open safety shutoff valve, thus preventing ignition under undesirable conditions.

Application

The VPS 504 S06 is recommended for industrial and commercial heating applications. Some authorities having jurisdiction accept the VPS 504 S06 in lieu of "proof of closure" when integrated with the pre-ignition system and/or in lieu of a vent valve when it checks the valves at start up and shut down. The VPS 504 S06 is suitable for natural gas, propane, air and other inert gases. Not suitable for butane gas.



Harmonized Code: 90248010

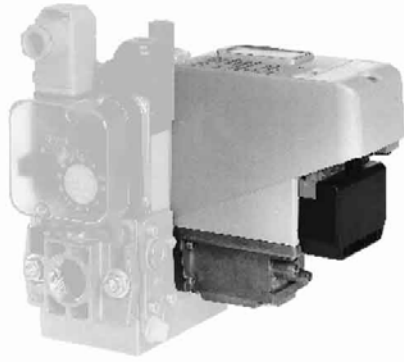
Specifications

Max. operating pressure	7 PSI (500 mbar)
Electrical ratings (+10% / -15%)	120 Vac 60 Hz
Contact rating	Run T5: 4 A res, 2 FLA @ 120 Vac/60 Hz Alarm T3: 1 A res, 0.5 FLA @ 120 Vac/60 Hz
Enclosure rating	NEMA Type 12
Electrical connection	Screw terminals with 1/2" NPT conduit connection
Operating time	100% duty cycle, max. 20 test cycles/hr
Ambient temperature rating	+5 °F to +140 °F (-15 °C to +60 °C)

Aluminum body; test cycle approximately 10 to 26s; light indication for permissive or alarm conditions; screw terminals for electrical connection with 1/2" conduit adapter; customer must provide 10 amp quick fuse or a 6.3 amp slow blow fuse.

Code requirements vary. Accepted by IRI in lieu of a vent line when used to check valves on start up and shut down, (CM 100/101 or equivalent circuitry must be used); Accepted by IRI and FM for "proof-of-closure"; Max switching-on duration not exceed 20 cycles/hr; Not for use with Butane Gas.

Model / Tech. Data	Order No.	List Price								
VPS 504 S06	221-073	574.29								
max. Vol. 0,14 cu ft (4 liters) 120 Vac (+10%/-15%), 60 Hz, SPDT Sw 4A @ 120 Vac, NEMA 12 FORMERLY: D221073	<table border="1"> <tr> <td>Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>120</td> </tr> <tr> <td>Weight (lbs.)</td> <td>2.30</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.04</td> </tr> </table>	Delivery Info	A	Product Group	120	Weight (lbs.)	2.30	Weight (Kg.)	1.04	
Delivery Info	A									
Product Group	120									
Weight (lbs.)	2.30									
Weight (Kg.)	1.04									



Description

The DUNGS VPS 504 S04 is a valve proving system for DMV series safety valves. It checks that both safety shutoff valves in a DMV series gas train are fully closed before either a system startup and/or after system shutdown when wired and interlocked to a suitable flame safeguard control. The VPS will halt the startup sequence to a burner if it detects an open safety shutoff valve, thus preventing ignition under dangerous conditions.

Application

The VPS 504 S04 is recommended for industrial and commercial heating applications, where CE approval is required. The VPS is the means for proof of closure and normally open vent line alternative. The VPS is required for CE compliance on system with capacities of 4.1 Mbtu and up. The VPS is suitable for natural gas, propane, air and other inert gases. Not suitable for butane gas.



Harmonized Code: 90248010

Specifications

Max. operating pressure	7 PSI (500 mbar)
Electrical ratings (+10% / -15%)	110 - Vac/50 or 60 Hz 230 - Vac/50 or 60 Hz
Contact rating	Run: 4 A @ 110 / 230 Vac/50 Hz Alarm: 1 A @ 110 / 230 Vac/50 Hz
Enclosure rating	IP 54
Electrical connection	Screw terminals with SO cord connection
Operating time	100% duty cycle, max. 20 test cycles/hr
Ambient temperature rating	+5 °F to +140 °F (-15 °C to +60 °C)

Aluminum body; test cycle approximately 10 to 26s; light indication for permissive or alarm conditions; Screw terminals with SO cord connection. European code requirements may vary. The DUNGS VPS meets EN 746-2 code requirements for a leak tightness device as required for applications with capacities greater than 4,100,000 Btu. (1200 kW).

Model / Tech. Data	Order No.	List Price								
VPS 504 S04 max. Vol. 0,14 cu ft (4 liters) 110 Vac (+10%/-15%), 50 Hz, SPDT Sw 4A @ 120 Vac, IP 54 FORMERLY: D221327	221-327	631.71								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>120</td> </tr> <tr> <td>Weight (lbs.)</td> <td>2.30</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.04</td> </tr> </table>	Delivery Info	C	Product Group	120	Weight (lbs.)	2.30	Weight (Kg.)	1.04		
Delivery Info	C									
Product Group	120									
Weight (lbs.)	2.30									
Weight (Kg.)	1.04									
VPS 504 S04 max. Vol. 0,14 cu ft (4 liters) 230 Vac (+10%/-15%), 50 Hz, SPDT Sw 4A @ 250 Vac, IP 54 FORMERLY: D219881	219-881	631.71								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>120</td> </tr> <tr> <td>Weight (lbs.)</td> <td>2.30</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.04</td> </tr> </table>	Delivery Info	C	Product Group	120	Weight (lbs.)	2.30	Weight (Kg.)	1.04		
Delivery Info	C									
Product Group	120									
Weight (lbs.)	2.30									
Weight (Kg.)	1.04									
VPS 504 S04 max. Vol. 0,14 cu ft (4 liters) 220 Vac (+10%/-15%), 60 Hz, SPDT Sw 4A @ 250 Vac, IP 54	222-388	631.71								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>120</td> </tr> <tr> <td>Weight (lbs.)</td> <td>2.30</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.04</td> </tr> </table>	Delivery Info	C	Product Group	120	Weight (lbs.)	2.30	Weight (Kg.)	1.04		
Delivery Info	C									
Product Group	120									
Weight (lbs.)	2.30									
Weight (Kg.)	1.04									

120 Valve Proving Systems, Modular Mount - VPS

Model / Tech. Data	Order No.	List Price								
VPS 504 S04	223-426	631.71								
max. Vol. 0,14 cu ft (4 liters) 110 Vac (+10%/-15%), 60 Hz, SPDT Sw 4A @ 120 Vac, IP 54	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>120</td> </tr> <tr> <td>Weight (lbs.)</td> <td>2.30</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.04</td> </tr> </table>	Delivery Info	C	Product Group	120	Weight (lbs.)	2.30	Weight (Kg.)	1.04	
Delivery Info	C									
Product Group	120									
Weight (lbs.)	2.30									
Weight (Kg.)	1.04									
VPS 504 S05	224-983	631.71								
max. Vol. 0,14 cu ft (4 liters) 24 Vdc, SPDT Sw 4A @ 24 Vdc, IP 54 CSA APPROVED FORMERLY: D224983	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>120</td> </tr> <tr> <td>Weight (lbs.)</td> <td>2.30</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.04</td> </tr> </table>	Delivery Info	C	Product Group	120	Weight (lbs.)	2.30	Weight (Kg.)	1.04	
Delivery Info	C									
Product Group	120									
Weight (lbs.)	2.30									
Weight (Kg.)	1.04									



Description

The DUNGS VDK 200A is a valve proving system for safety shutoff valves. It checks that both safety shutoff valves in a gas train are fully closed before a system startup or after system shutdown when wired and interlocked to a suitable flame safeguard control. The VDK 200 will halt the startup sequence to a burner if it detects an open safety shutoff valve, thus preventing ignition under undesirable conditions.

Application

The DUNGS VDK 200A is recommended for industrial and commercial heating applications. Some authorities having jurisdiction accept the VDK 200 in lieu of "proof of closure" when integrated with the pre-ignition system. It can also be used in lieu of a vent valve when it checks the valves at start up and shut down. The VDK 200 is suitable for natural gas, propane, butane, air and other inert gases. Not for Hydrogen.



Harmonized Code: 90248010

Specifications

Max. operating pressure	5 PSI (360 mbar)
Electrical ratings (+10% / -15%)	120 Vac 60 Hz
Contact rating	Run T5: 4 A res, 2 FLA @ 120 Vac/60 Hz Alarm T9: 1 A res, 0.5 FLA @ 120 Vac/60 Hz
Enclosure rating	NEMA Type 1
Electrical connection	Screw terminals with 1/2" NPT conduit connection
Operating time	100% duty cycle, max. 20 test cycles/hr
Ambient temperature rating	+14 °F to +140 °F (-10 °C to +60 °C)

Aluminum body; test cycle approximately 26s; light indication for permissive or alarm conditions; screw terminals for electrical connection with 1/2" conduit adapter.

Code requirements vary. Accepted by IRI in lieu of a vent line when used to check valves on start up and shut down, (CM 100/101 or equivalent circuitry must be used); Accepted by IRI and FM for "proof-of-closure"; Max switching-on duration not exceed 20 cycles/hr; Not for use with Butane Gas.

Model / Tech. Data	Order No.	List Price								
VDK 200A S02	216-352	827.40								
1/4" NPT connection; max. Vol. 0,7 cu ft (20 liters) 120 Vac (+10%/-15%), 60 Hz, SPDT Sw 4A @ 120 Vac, NEMA 1 FORMERLY: 46021	<table border="0"> <tr> <td>Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>120</td> </tr> <tr> <td>Weight (lbs.)</td> <td>5.40</td> </tr> <tr> <td>Weight (Kg.)</td> <td>2.45</td> </tr> </table>	Delivery Info	A	Product Group	120	Weight (lbs.)	5.40	Weight (Kg.)	2.45	
Delivery Info	A									
Product Group	120									
Weight (lbs.)	5.40									
Weight (Kg.)	2.45									
VDK 200A W/ BRAD HARRISON	216-352BH	890.87								
1/4" NPT connection; max. Vol. 0,7 cu ft (20 liters) 120 Vac (+10%/-15%), 60 Hz, SPDT Sw 4A @ 120 Vac, NEMA 1 FORMERLY: 46021-1	<table border="0"> <tr> <td>Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>120</td> </tr> <tr> <td>Weight (lbs.)</td> <td>5.40</td> </tr> <tr> <td>Weight (Kg.)</td> <td>2.45</td> </tr> </table>	Delivery Info	A	Product Group	120	Weight (lbs.)	5.40	Weight (Kg.)	2.45	
Delivery Info	A									
Product Group	120									
Weight (lbs.)	5.40									
Weight (Kg.)	2.45									



Description

The DUNGS VDK 200 is a valve proving system for safety shutoff valves. It checks that both safety shutoff valves in a gas train are fully closed before a system startup or after system shutdown when wired and interlocked to a suitable flame safeguard control. The VDK 200 will halt the startup sequence to a burner if it detects an open safety shutoff valve, thus preventing ignition under undesirable conditions.

Application

The DUNGS VDK 200 is recommended for industrial and commercial heating applications, where CE approval is required. The VDK 200 is the means for proof of closure and normally open vent line alternative. The VDK 200 is required for CE compliance on system with capacities of 4.1 Mbtu and up. The VDK 200 is suitable for natural gas, propane, air and other inert gases. Not suitable for butane gas.

Harmonized Code: 90248010

Specifications

Max. operating pressure	5 PSI (360 mbar)
Electrical ratings (+10% / -15%)	110 - Vac/50 or 60 Hz 230 - Vac/50 or 60 Hz
Contact rating	Run: 4 A @ 110 / 230 Vac/50 Hz Alarm: 1 A @ 110 / 230 Vac/50 Hz
Enclosure rating	IP 40
Electrical connection	Screw terminals with SO cord connection
Operating time	100% duty cycle, max. 20 test cycles/hr
Ambient temperature rating	+14 °F to +140 °F (-10 °C to +60 °C)

Aluminum body; test cycle approximately 26s; light indication for permissive or alarm conditions; Screw terminals with SO cord connection. European code requirements may vary. The DUNGS VDK meets EN 746-2 code requirements for a leak tightness device as required for applications with capacities greater than 4,100,000 Btu. (1200 kW).

Model / Tech. Data	Order No.	List Price
VDK 200A S02 12 mm Rp connections; max. Vol. 0,7 cu ft (20 liters) 110 Vac (+10%/-15%), 50 Hz, Run Contact 4A @ 110 Vac /50 Hz; alarm Contact 1A @ 110 Vac 50 Hz. IP 40 FORMERLY: D211224	211-224	910.15
Delivery Info NP Product Group 120 Weight (lbs.) 5.40 Weight (Kg.) 2.45		
VDK 200A S02 12 mm Rp connections; max. Vol. 0,7 cu ft (20 liters) 230 Vac (+10%/-15%), 50 Hz, Run Contact 4A @ 200 Vac /50 Hz; alarm Contact 1A @ 200 Vac 50 Hz. IP 40 FORMERLY: D211222	211-222	910.15
Delivery Info A Product Group 120 Weight (lbs.) 5.40 Weight (Kg.) 2.45		
VDK 200A S02 12 mm Rp connections; max. Vol. 0,7 cu ft (20 liters) 230 Vac (+10%/-15%), 60 Hz, Run Contact 4A @ 200 Vac /50 Hz; alarm Contact 1A @ 200 Vac 50 Hz. IP 40	211-225	910.15
Delivery Info A Product Group 120 Weight (lbs.) 5.40 Weight (Kg.) 2.45		



Description

The DUNGS GAO (Automatic Reset), GMH (High Manual Reset), and GML (Low Manual Reset) A2 pressure switches are compact pressure switches for DUNGS modular valve train components. A2 pressure switches are suitable for making and/or breaking a circuit when the medium pressure changes relative to the set point. The set point can be set in the field by an adjustable dial with an integrated scale.

Application

The DUNGS GAO, GMH, and GML A2 pressure switches are recommended for industrial and commercial heating applications with DUNGS DMV dual modular valves and DUNGS FRI modular pressure regulators. The GAO, GMH, and GML A2 pressure switches are suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 90262090

Specifications

Max. operating pressure	GAO; GMH; and GML A2-4-2,3,4,5,6	7 PSI (500 mbar)
	GAO, GMH and GML A2-4-8	14 PSI (1000 mbar)
Electrical ratings	Silver (Ag) contact ratings AC 10A resistive @ 120 Vac AC 8A inductive @ 120 Vac DC min. 20 mA @ 24 Vdc DC max. 1 A @ 48 Vdc	
Enclosure rating	NEMA Type 4	
Ambient temperature rating	-40 °F to +140 °F (-40 °C to +60 °C) Series ending in -2,-3,-5 and -6 -22 °F to +140 °F (-30 °C to +60 °C) Series ending in -8	

Mounts directly to DMV, FRI and Flanges; use adapter (214-975) for DMV downstream [Port 3] Calibrated for vertical mounting, set point may change by 0.2" W.C. when mounted otherwise; Screw terminals with 1/2 NPT Conduit connection; Neon light included. Mounting kit (2 screws and O-ring included)

Model / Tech. Data	Order No.	List Price
GAO-A2-4-2 0.16" to 1.2" W.C.; High or Low; Automatic reset SPDT Sw 10A @ 120 Vac 8A FLA, NEMA Type 4 FORMERLY: D217085	217-085A	104.76
GAO-A2-4-3 0.4" to 4.0" W.C.; High or Low; Automatic reset SPDT Sw 10A @ 120 Vac 8A FLA, NEMA Type 4 FORMERLY: D217086	217-086A	104.76
GAO-A2-4-5 2" to 20" W.C.; High or Low; Automatic reset SPDT Sw 10A @ 120 Vac 8A FLA, NEMA Type 4 FORMERLY: D217087	217-087A	104.76

130 Gas Pressure Switches, Modular Mount - A2

Model / Tech. Data		Order No.	List Price
GAO-A2-4-6		217-088A	104.76
12" to 60" W.C; High or Low; Automatic reset SPDT Sw 10A @ 120 Vac 8A FLA, NEMA Type 4 FORMERLY: D217088	Delivery Info A Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27		
GAO-A2-4-8		217-089A	116.13
40" to 200" W.C; High or Low; Automatic reset SPDT Sw 10A @ 120 Vac 8A FLA, NEMA Type 4 FORMERLY: D217089	Delivery Info A Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27		
GMH-A2-4-4		217-323A	112.53
1" to 20" W.C; High; Manual reset SPDT Sw 10A @ 120 Vac 8A FLA, NEMA Type 4 FORMERLY: D217323	Delivery Info A Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27		
GMH-A2-4-6		217-324A	112.53
12" to 60" W.C; High; Manual reset SPDT Sw 10A @ 120 Vac 8A FLA, NEMA Type 4 FORMERLY: D217324	Delivery Info A Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27		
GMH-A2-4-8		217-325A	119.12
40" to 200" W.C; High; Manual reset SPDT Sw 10A @ 120 Vac 8A FLA, NEMA Type 4 FORMERLY: D217325	Delivery Info A Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27		
GML-A2-4-4		217-337A	112.53
1" to 20" W.C; Low; Manual reset SPDT Sw 10A @ 120 Vac 8A FLA, NEMA Type 4 FORMERLY: D217337	Delivery Info A Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27		
GML-A2-4-6		217-338A	112.53
12" to 60" W.C; Low; Manual reset SPDT Sw 10A @ 120 Vac 8A FLA, NEMA Type 4 FORMERLY: D217338	Delivery Info A Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27		
GML-A2-4-8		217-339A	119.12
40" to 200" W.C; Low; Manual reset SPDT Sw 10A @ 120 Vac 8A FLA, NEMA Type 4 FORMERLY: D217339	Delivery Info A Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27		



Description

The DUNGS GAO (Automatic Reset), GMH (High Manual Reset), and GML (Low Manual Reset) A4 pressure switches are adjustable pressure switches for automatic burner controls. A4 pressure switches are suitable for making and/or breaking a circuit relative to changes in medium pressure relative to the set point. The set point can be set in the field by an adjustable dial with an integrated scale. Test nipple integrated in metal housing to verify setpoint.

Application

The DUNGS GAO, GMH, and GML A4 pressure switches are recommended for industrial and commercial heating applications with 1/4" NPT pipe connections. The GAO, GMH, and GML A4 pressure switch is suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 90262090

Specifications

Max. operating pressure	GAO; GMH; and GML A4-4-2,3,4,5,6	7 PSI (500 mbar)
	GAO, GMH and GML A4-4-8	14 PSI (1000 mbar)
Electrical ratings	Silver (Ag) contact ratings	Gold (Au) contact ratings
	AC 10A resistive @ 120 Vac	DC min. 5 mA @ 5 Vdc
	AC 8A inductive @ 120 Vac	DC max. 10m A @ 24 Vdc
	DC min. 20 mA @ 24 Vdc	
	DC max. 1 A @ 48 Vdc	
Enclosure rating	NEMA Type 4	
Ambient temperature rating	-40 °F to +140 °F (-40 °C to +60 °C) Series ending in -2,-3,-5 and -6	
	-22 °F to +140 °F (-30 °C to +60 °C) Series ending in -8	

Pipe mount; Calibrated for vertical mounting, set point may change by 0.2" W.C. when mounted otherwise; Screw terminals with 1/2 NPT Conduit connection; Neon light included.

Model / Tech. Data	Order No.	List Price
GAO-A4-4-2	217-090A	104.76
0.16" to 1.2" W.C.; High or Low; Automatic reset SPDT Sw 10A @ 120 Vac 8A FLA, NEMA Type 4 FORMERLY: 46014-2	Delivery Info A Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27	
GAO-A4-4-3	217-091A	104.76
0.4" to 4" W.C.; High or Low; Automatic reset SPDT Sw 10A @ 120 Vac 8A FLA, NEMA Type 4 FORMERLY: 46014-3	Delivery Info A Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27	
GAO-A4-4-5	217-092A	104.76
2" to 20" W.C.; High or Low; Automatic reset SPDT Sw 10A @ 120 Vac 8A FLA, NEMA Type 4 FORMERLY: 46014-5	Delivery Info A Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27	

130 Gas Pressure Switches, Pipe Mount - A4

Model / Tech. Data	Order No.	List Price
<p>GAO-A4-4-6</p> <p>12" to 60" W.C; High or Low; Automatic reset</p> <p>SPDT Sw 10A @ 120 Vac 8A FLA, NEMA Type 4</p> <p>FORMERLY: 46014-6</p>	<p>217-093A</p> <p>Delivery Info A</p> <p>Product Group 130</p> <p>Weight (lbs.) 0.60</p> <p>Weight (Kg.) 0.27</p>	<p>104.76</p>
<p>GAO-A4-4-8</p> <p>40" to 200" W.C; High or Low; Automatic reset</p> <p>SPDT Sw 10A @ 120 Vac 8A FLA, NEMA Type 4</p> <p>FORMERLY: 46014-8</p>	<p>217-094A</p> <p>Delivery Info A</p> <p>Product Group 130</p> <p>Weight (lbs.) 0.60</p> <p>Weight (Kg.) 0.27</p>	<p>116.13</p>
<p>GAO-A4-4-2GOLD</p> <p>0.16" to 1.2" W.C; High or Low; Automatic reset</p> <p>SPDT Sw 10A @ 24 Vdc, Gold Plated Contacts, NEMA Type 4</p> <p>FORMERLY: 46014-12</p>	<p>223-525A</p> <p>Delivery Info B</p> <p>Product Group 130</p> <p>Weight (lbs.) 0.60</p> <p>Weight (Kg.) 0.27</p>	<p>109.54</p>
<p>GAO-A4-4-3GOLD</p> <p>0.4" to 4" W.C; High or Low; Automatic reset</p> <p>SPDT Sw 10A @ 24 Vdc, Gold Plated Contacts, NEMA Type 4</p> <p>FORMERLY: 46014-13</p>	<p>222-267A</p> <p>Delivery Info B</p> <p>Product Group 130</p> <p>Weight (lbs.) 0.60</p> <p>Weight (Kg.) 0.27</p>	<p>109.54</p>
<p>GAO-A4-4-5GOLD</p> <p>2" to 20" W.C; High or Low; Automatic reset</p> <p>SPDT Sw 10A @ 24 Vdc, Gold Plated Contacts, NEMA Type 4</p> <p>FORMERLY: 46014-15</p>	<p>222-268A</p> <p>Delivery Info B</p> <p>Product Group 130</p> <p>Weight (lbs.) 0.60</p> <p>Weight (Kg.) 0.27</p>	<p>109.54</p>
<p>GAO-A4-4-6GOLD</p> <p>12" to 60" W.C; High or Low; Automatic reset</p> <p>SPDT Sw 10A @ 24 Vdc, Gold Plated Contacts, NEMA Type 4</p> <p>FORMERLY: 46014-16</p>	<p>222-269A</p> <p>Delivery Info B</p> <p>Product Group 130</p> <p>Weight (lbs.) 0.60</p> <p>Weight (Kg.) 0.27</p>	<p>109.54</p>
<p>GAO-A4-4-8GOLD</p> <p>40" to 200" W.C; High or Low; Automatic reset</p> <p>SPDT Sw 10A @ 24 Vdc, Gold Plated Contacts, NEMA Type 4</p>	<p>223-526A</p> <p>Delivery Info B</p> <p>Product Group 130</p> <p>Weight (lbs.) 0.60</p> <p>Weight (Kg.) 0.27</p>	<p>121.04</p>
<p>GMH-A4-4-4</p> <p>1" to 20" W.C; High; Manual reset</p> <p>SPDT Sw 10A @ 120 Vac 8A FLA, NEMA Type 4</p> <p>FORMERLY: 46015-4</p>	<p>217-326A</p> <p>Delivery Info B</p> <p>Product Group 130</p> <p>Weight (lbs.) 0.60</p> <p>Weight (Kg.) 0.27</p>	<p>112.53</p>

130 Gas Pressure Switches, Pipe Mount - A4

Model / Tech. Data	Order No.	List Price
<p>GMH-A4-4-6 217-327A 112.53</p>		
12" to 60" W.C; High; Manual reset SPDT Sw 10A @ 120 Vac 8A FLA, NEMA Type 4 FORMERLY: 46015-6	Delivery Info A Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27	
<p>GMH-A4-4-8 217-328A 119.12</p>		
40" to 200" W.C; High; Manual reset SPDT Sw 10A @ 120 Vac 8A FLA, NEMA Type 4 FORMERLY: 46015-8	Delivery Info B Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27	
<p>GMH-A4-4-4GOLD 222-270A 117.31</p>		
1" to 20" W.C; High; Manual reset SPDT Sw 10A @ 24 Vdc, Gold Plated Contacts, NEMA Type 4 FORMERLY: 46015-14	Delivery Info B Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27	
<p>GMH-A4-4-6GOLD 222-271A 117.31</p>		
12" to 60" W.C; High; Manual reset SPDT Sw 10A @ 24 Vdc, Gold Plated Contacts, NEMA Type 4 FORMERLY: 46015-16	Delivery Info B Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27	
<p>GML-A4-4-4 217-340A 112.53</p>		
1" to 20" W.C; Low; Manual reset SPDT Sw 10A @ 120 Vac 8A FLA, NEMA Type 4 FORMERLY: 46016-4	Delivery Info A Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27	
<p>GML-A4-4-6 217-341A 112.53</p>		
12" to 60" W.C; Low; Manual reset SPDT Sw 10A @ 120 Vac 8A FLA, NEMA Type 4 FORMERLY: 46016-6	Delivery Info B Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27	
<p>GML-A4-4-8 217-342A 119.12</p>		
40" to 200" W.C; Low; Manual reset SPDT Sw 10A @ 120 Vac 8A FLA, NEMA Type 4 FORMERLY: 46016-8	Delivery Info B Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27	
<p>GML-A4-4-4GOLD 222-272A 117.31</p>		
1" to 20" W.C; Low; Manual reset SPDT Sw 10A @ 24 Vdc, Gold Plated Contacts, NEMA Type 4 FORMERLY: 46016-14	Delivery Info B Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27	



Description

The DUNGS GW (Automatic Reset), UB (High Manual Reset), and NB (Low Manual Reset) A2 pressure switches are compact pressure switches for DUNGS modular valve train components. A2 pressure switches are suitable for making and/or breaking a circuit when the medium pressure changes relative to the set point. The set point can be set in the field by an adjustable dial with an integrated scale.

Application

The DUNGS GW, UB, and NB A2 pressure switches are recommended for industrial and commercial heating applications with DUNGS DMV dual modular valves and DUNGS FRI modular pressure regulators. Various mounting options allow direct mounting on the housing. The GW, UB, and NB A2 pressure switches are suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 90262090

Specifications

Max. operating pressure	GW, UB, NB A2	7 PSI (500 mbar)
Electrical ratings	Silver (Ag) contact ratings	
	AC 6A resistive @ 230 Vac	
	AC 3A inductive @ 230 Vac	
	DC min. 20 mA @ 24 Vdc	
	DC max. 1 A @ 48 Vdc	
Enclosure rating	IP 54	
Ambient temperature rating	+5 °F to +140 °F (-15 °C to +60 °C)	

Mounts directly to DMV, FRI and Flanges; use adapter (214-975) for DMV downstream [Port 3] Calibrated for vertical mounting, set point may change by 0.8 mbar. when mounted otherwise; Screw terminals with SO cord connection.

Model / Tech. Data	Order No.	List Price								
GW 3 A2	215-230A	115.23								
0.4 to 3 mbar; High or Low; Automatic reset SPDT Sw 6A @ 250 Vac 3A FLA,IP 54 FORMERLY: D215230	<table border="1"> <tr> <td>Delivery Info</td> <td>○</td> </tr> <tr> <td>Product Group</td> <td>130</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.60</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.27</td> </tr> </table>	Delivery Info	○	Product Group	130	Weight (lbs.)	0.60	Weight (Kg.)	0.27	
Delivery Info	○									
Product Group	130									
Weight (lbs.)	0.60									
Weight (Kg.)	0.27									
GW 10 A2	215-231A	115.23								
1 to 10 mbar; High or Low; Automatic reset SPDT Sw 6A @ 250 Vac 3A FLA,IP 54 FORMERLY: D215231	<table border="1"> <tr> <td>Delivery Info</td> <td>○</td> </tr> <tr> <td>Product Group</td> <td>130</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.60</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.27</td> </tr> </table>	Delivery Info	○	Product Group	130	Weight (lbs.)	0.60	Weight (Kg.)	0.27	
Delivery Info	○									
Product Group	130									
Weight (lbs.)	0.60									
Weight (Kg.)	0.27									
GW 50 A2	215-232A	115.23								
2.5 to 50 mbar; High or Low; Automatic reset SPDT Sw 6A @ 250 Vac 3A FLA,IP 54 FORMERLY: D215232	<table border="1"> <tr> <td>Delivery Info</td> <td>○</td> </tr> <tr> <td>Product Group</td> <td>130</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.60</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.27</td> </tr> </table>	Delivery Info	○	Product Group	130	Weight (lbs.)	0.60	Weight (Kg.)	0.27	
Delivery Info	○									
Product Group	130									
Weight (lbs.)	0.60									
Weight (Kg.)	0.27									

130 Gas Pressure Switches, Modular Mount - A2

Model / Tech. Data	Order No.	List Price
<p>GW 150 A2</p> <p>5 to 150 mbar; High or Low; Automatic reset</p> <p>SPDT Sw 6A @ 250 Vac 3A FLA,IP 54</p> <p>FORMERLY: D215234</p>	215-234A	115.23
<p>GW 500 A2</p> <p>100 to 500 mbar; High or Low; Automatic reset</p> <p>SPDT Sw 6A @ 250 Vac 3A FLA,IP 54</p> <p>FORMERLY: D215236</p>	215-236A	127.74
<p>UB 50 A2</p> <p>2.5 to 50 mbar; High; Manual reset</p> <p>SPDT Sw 6A @ 250 Vac 3A FLA,IP 54</p> <p>FORMERLY: D215242</p>	215-242A	123.79
<p>UB 150 A2</p> <p>30 to 150 mbar; High; Manual reset</p> <p>SPDT Sw 6A @ 250 Vac 3A FLA,IP 54</p> <p>FORMERLY: D215245</p>	215-245A	123.79
<p>UB 500 A2</p> <p>100 to 500 mbar; High; Manual reset</p> <p>SPDT Sw 6A @ 250 Vac 3A FLA,IP 54</p> <p>FORMERLY: D215246</p>	215-246A	131.02
<p>NB 50 A2</p> <p>2.5 to 50 mbar; Low; Manual reset</p> <p>SPDT Sw 6A @ 250 Vac 3A FLA,IP 54</p> <p>FORMERLY: D215237</p>	215-237A	123.79
<p>NB 150 A2</p> <p>30 to 150 mbar; Low; Manual reset</p> <p>SPDT Sw 6A @ 250 Vac 3A FLA,IP 54</p> <p>FORMERLY: D215240</p>	215-240A	123.79
<p>NB 500 A2</p> <p>100 to 500 mbar; Low; Manual reset</p> <p>SPDT Sw 6A @ 250 Vac 3A FLA,IP 54</p> <p>FORMERLY: D215241</p>	215-241A	131.02



Description

The DUNGS GW (Automatic Reset), UB (High Manual Reset), and NB (Low Manual Reset) A4 pressure switches are adjustable pressure switches for automatic burner controls. A4 pressure switches are suitable for making and/or breaking a circuit relative to changes in medium pressure relative to the set point. The set point can be set in the field by an adjustable dial with an integrated scale. Test nipple integrated in metal housing to verify setpoint.

Application

The GW, UB, and NB A4 pressure switch is recommended for industrial and commercial heating, ventilation, and air-conditioning systems with G 1/4 female pipe connections. The GW, UB, and NB A4 pressure switch is suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 90262090

Specifications

Max. operating pressure	GW, UB, NB A4	7 PSI (500 mbar)
Electrical ratings	Silver (Ag) contact ratings	
	AC 6A resistive @ 230 Vac	
	AC 3A inductive @ 230 Vac	
	DC min. 20 mA @ 24 Vdc	
	DC max. 1 A @ 48 Vdc	
Enclosure rating	IP 54	
Ambient temperature rating	+5 °F to +140 °F (-15 °C to +60 °C)	

Pipe mount; Calibrated for vertical mounting, set point may change by 0.8 mbar when mounted otherwise; Screw terminals with SO cord connection.

Model / Tech. Data	Order No.	List Price
GW 3A4 0.4 to 3 mbar; High or Low; Automatic reset SPDT Sw 6A @ 230 Vac 3A FLA,IP 54 FORMERLY: D172680	172-680A	115.23
	Delivery Info ○ Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27	
GW 10 A4 1 to 10 mbar; High or Low; Automatic reset SPDT Sw 6A @ 230 Vac 3A FLA,IP 54 FORMERLY: D172690	172-690A	115.23
	Delivery Info ○ Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27	
GW 50 A4 2.5 to 50 mbar; High or Low; Automatic reset SPDT Sw 6A @ 230 Vac 3A FLA,IP 54 FORMERLY: D153600	153-600A	115.23
	Delivery Info ○ Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27	

130 Gas Pressure Switches, Pipe Mount - A4

Model / Tech. Data		Order No.	List Price
GW 150 A4		157-050A	115.23
30 to 150 mbar; High or Low; Automatic reset		Delivery Info O	
SPDT Sw 6A @ 230 Vac 3A FLA,IP 54		Product Group 130	
FORMERLY: D157050		Weight (lbs.) 0.60	
		Weight (Kg.) 0.27	
GW 500 A4		157-060A	127.74
100 to 500 mbar; High or Low; Automatic reset		Delivery Info O	
SPDT Sw 6A @ 230 Vac 3A FLA,IP 54		Product Group 130	
FORMERLY: D157060		Weight (lbs.) 0.60	
		Weight (Kg.) 0.27	
UB 50 A4		210-537A	123.79
2.5 to 50 mbar; High; Manual reset		Delivery Info B	
SPDT Sw 6A @ 230 Vac 3A FLA,IP 54		Product Group 130	
FORMERLY: D210537		Weight (lbs.) 0.60	
		Weight (Kg.) 0.27	
UB 150 A4		138-630A	123.79
30 to 150 mbar; High; Manual reset		Delivery Info B	
SPDT Sw 6A @ 230 Vac 3A FLA,IP 54		Product Group 130	
FORMERLY: D138630		Weight (lbs.) 0.60	
		Weight (Kg.) 0.27	
UB 500 A4		210-970A	131.02
100 to 500 mbar; High; Manual reset		Delivery Info B	
SPDT Sw 6A @ 230 Vac 3A FLA,IP 54		Product Group 130	
FORMERLY: D210970		Weight (lbs.) 0.60	
		Weight (Kg.) 0.27	
NB 50 A4		210-534A	123.79
2.5 to 50 mbar; Low; Manual reset		Delivery Info B	
SPDT Sw 6A @ 230 Vac 3A FLA,IP 54		Product Group 130	
FORMERLY: D210534		Weight (lbs.) 0.60	
		Weight (Kg.) 0.27	
NB 150 A4		210-931A	123.79
30 to 150 mbar; Low; Manual reset		Delivery Info B	
SPDT Sw 6A @ 230 Vac 3A FLA,IP 54		Product Group 130	
FORMERLY: D210931		Weight (lbs.) 0.60	
		Weight (Kg.) 0.27	
NB 500 A4		210-971A	131.02
100 to 500 mbar; Low; Manual reset		Delivery Info B	
SPDT Sw 6A @ 230 Vac 3A FLA,IP 54		Product Group 130	
FORMERLY: D210971		Weight (lbs.) 0.60	
		Weight (Kg.) 0.27	



Description

The DUNGS GW (Automatic Reset) A5 pressure switches are compact pressure switches for DUNGS modular valve train components. A5 pressure switches are suitable for making and/or breaking a circuit when the medium pressure changes relative to the set point. The set point can be set in the field by an adjustable dial with an integrated scale.

Application

The DUNGS GW A5 pressure switches are recommended for industrial and commercial heating applications with DUNGS DMV dual modular valves and DUNGS FRI modular pressure regulators. Various mounting options allow direct mounting on the housing. The GW A5 pressure switches are suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 90262090

Specifications

Max. operating pressure	GW A5 7 PSI (500 mbar)
Electrical ratings	Silver (Ag) contact ratings AC 6A resistive @ 230 Vac AC 3A inductive @ 230 Vac DC min. 20 mA @ 24 Vdc DC max. 1 A @ 48 Vdc
Enclosure rating	IP 54
Ambient temperature rating	+5 °F to +160 °F (-15 °C to +70 °C)

Mounts directly to DMV, FRI and Flanges; use adapter (214-975) for DMV downstream [Port 3] Calibrated for vertical mounting, set point may change by 0.8 mbar. when mounted otherwise; DIN connector with screw terminals with SO cord connection.

Model / Tech. Data	Order No.	List Price
GW 3 A5 0.7 to 3 mbar; High or Low; Automatic reset SPDT Sw 6A @ 250 Vac 3A FLA, IP 54 FORMERLY: D229250	229-250A	104.85
GW 10 A5 2 to 10 mbar; High or Low; Automatic reset SPDT Sw 6A @ 250 Vac 3A FLA, IP 54 FORMERLY: D225938	225-938A	104.85
GW 50 A5 5 to 50 mbar; High or Low; Automatic reset SPDT Sw 6A @ 250 Vac 3A FLA, IP 54 FORMERLY: D225939	225-939A	104.85

130 Gas Pressure Switches, Modular Mount - A5

Model / Tech. Data	Order No.	List Price								
<p>GW 150 A5</p> <p>5 to 150 mbar; High or Low; Automatic reset</p> <p>SPDT Sw 6A @ 250 Vac 3A FLA,IP 54</p> <p>FORMERLY: D225940</p>	<p>225-940A</p> <table border="1"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>130</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.60</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.27</td> </tr> </table>	Delivery Info	B	Product Group	130	Weight (lbs.)	0.60	Weight (Kg.)	0.27	<p>104.85</p>
Delivery Info	B									
Product Group	130									
Weight (lbs.)	0.60									
Weight (Kg.)	0.27									
<p>GW 500 A5</p> <p>100 to 500 mbar; High or Low; Automatic reset</p> <p>SPDT Sw 6A @ 250 Vac 3A FLA,IP 54</p> <p>FORMERLY: D227639</p>	<p>227-639A</p> <table border="1"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>130</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.60</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.27</td> </tr> </table>	Delivery Info	B	Product Group	130	Weight (lbs.)	0.60	Weight (Kg.)	0.27	<p>117.36</p>
Delivery Info	B									
Product Group	130									
Weight (lbs.)	0.60									
Weight (Kg.)	0.27									



Description

The DUNGS GW (Automatic Reset) A6 pressure switches are adjustable pressure switches for automatic burner controls. A6 pressure switches are suitable for making and/or breaking a circuit relative to changes in medium pressure relative to the set point. The set point can be set in the field by an adjustable dial with an integrated scale. Test nipple integrated in metal housing to verify setpoint.

Application

The GW A6 pressure switch is recommended for industrial and commercial heating, ventilation, and air-conditioning systems with G 1/4 female pipe connections. The GW A6 pressure switch is suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 90262090

Specifications

Max. operating pressure	GW A6 7 PSI (500 mbar)
Electrical ratings	Silver (Ag) contact ratings AC 6A resistive @ 230 Vac AC 3A inductive @ 230 Vac DC min. 20 mA @ 24 Vdc DC max. 1 A @ 48 Vdc
Enclosure rating	IP 54
Ambient temperature rating	+5 °F to +160 °F (-15 °C to +70 °C)

Pipe mount; Calibrated for vertical mounting, set point may change by 0.8 mbar when mounted otherwise; DIN connector with screw terminals with SO cord connection.

Model / Tech. Data	Order No.	List Price
GW 3 A6 0.7 to 3 mbar; High or Low; Automatic reset SPDT Sw 6A @ 230 Vac 3A FLA, IP 54 FORMERLY: D228723	228-723A	104.85
GW 10 A6 2 to 10 mbar; High or Low; Automatic reset SPDT Sw 6A @ 230 Vac 3A FLA, IP 54 FORMERLY: D228724	228-724A	104.85
GW 50 A6 5 to 50 mbar; High or Low; Automatic reset SPDT Sw 6A @ 230 Vac 3A FLA, IP 54 FORMERLY: D228725	228-725A	104.85

130 Gas Pressure Switches, Pipe Mount - A6

Model / Tech. Data	Order No.	List Price
GW 150 A6	228-726A	104.85
5 to 150 mbar; High or Low; Automatic reset SPDT Sw 6A @ 230 Vac 3A FLA,IP 54 FORMERLY: D228726	Delivery Info B Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27	

GW 500 A6	228-727A	117.36
100 to 500 mbar; High or Low; Automatic reset SPDT Sw 6A @ 230 Vac 3A FLA,IP 54 FORMERLY: D228727	Delivery Info B Product Group 130 Weight (lbs.) 0.60 Weight (Kg.) 0.27	



Description

the DUNGS AA...A1 differential pressure switches are factory adjustable (within listed pressure range), compact pressure switches for automatic burner controls. Available with hose connections.

AA...A1 differential pressure switches are suitable for making and/or breaking a circuit when the medium pressure changes relative to the set point.

Application

Differential pressure monitoring in firing, ventilation and air-conditioning systems. The AA...A1 can be used as a pressure, vacuum or differential pressure switch for air and non-aggressive gases. Not suitable for natural gas, propane, butane, and other combustible gases.



Harmonized Code: 90262090

Specifications

Max. operating pressure	AA...A1 1.5 PSI (103 mbar)
Electrical ratings	Silver (Ag) contact ratings AC 5A resistive @ 120 Vac AC 3A inductive @ 120 Vac DC min. 20 mA @ 24 Vdc DC max. 1 A @ 48 Vdc
Ambient temperature rating	-40 °F to +140 °F (-40 °C to +60 °C)

Air pressure switch for differential, vacuum or positive pressure; with automatic reset; 0.16" (4 mm) diameter hose connections; screw adjustable setpoint; 1/4" x 1/32" (6.3 x 0.8 mm) flat male terminals.

Model / Tech. Data	Order No.	List Price
AA-A1-0-2 0.16" to 1.2" W.C. SPDT Sw 5A @ 120 Vac 3A FLA FORMERLY: 46011-2	216-788A	47.90
AA-A1-0-3 0.4" to 4" W.C. SPDT Sw 5A @ 120 Vac 3A FLA FORMERLY: 46011-3	216-752A	47.90
AA-A1-0-4 1" to 20" W.C. SPDT Sw 5A @ 120 Vac 3A FLA FORMERLY: 46011-4	216-867A	47.90

130 Air Pressure Switches - AA-A1

Model / Tech. Data	Order No.	List Price
<p>AA-A1-0-6</p> <p>12" to 60" W.C</p> <p>SPDT Sw 5A @ 120 Vac 3A FLA</p> <p>FORMERLY: 46011-6</p>	<p>216-864A</p> <p>Delivery Info C</p> <p>Product Group 130</p> <p>Weight (lbs.) 0.20</p> <p>Weight (Kg.) 0.09</p>	47.90
<p>AA-A1-3-2</p> <p>0.16" to 1.2" W.C</p> <p>SPDT Sw 5A @ 120 Vac 3A FLA Includes contact cover</p> <p>FORMERLY: 46011-42</p>	<p>216-788CA</p> <p>Delivery Info A</p> <p>Product Group 130</p> <p>Weight (lbs.) 0.30</p> <p>Weight (Kg.) 0.14</p>	51.48
<p>AA-A1-3-3</p> <p>0.4" to 4" W.C</p> <p>SPDT Sw 5A @ 120 Vac 3A FLA Includes contact cover</p> <p>FORMERLY: 46011-43</p>	<p>216-752CA</p> <p>Delivery Info B</p> <p>Product Group 130</p> <p>Weight (lbs.) 0.30</p> <p>Weight (Kg.) 0.14</p>	51.48
<p>AA-A1-3-4</p> <p>1" to 20" W.C</p> <p>SPDT Sw 5A @ 120 Vac 3A FLA Includes contact cover</p> <p>FORMERLY: 46011-44</p>	<p>216-867CA</p> <p>Delivery Info B</p> <p>Product Group 130</p> <p>Weight (lbs.) 0.30</p> <p>Weight (Kg.) 0.14</p>	51.48
<p>AA-A1-4-6</p> <p>12" to 60" W.C</p> <p>SPDT Sw 5A @ 120 Vac 3A FLA Includes contact cover</p> <p>FORMERLY: 46011-46</p>	<p>216-864CA</p> <p>Delivery Info B</p> <p>Product Group 130</p> <p>Weight (lbs.) 0.30</p> <p>Weight (Kg.) 0.14</p>	51.48



Description

the DUNGS AA...A2/A4 differential pressure switches are field adjustable, compact pressure switches for automatic burner controls. Available with hose or NPT threaded connections. AA...A2/A4 differential pressure switches are suitable for making and/or breaking a circuit when the medium pressure changes relative to the set point.

Application

Differential pressure monitoring in firing, ventilation and air-conditioning systems. The AA...A2/A4 can be used as a pressure, vacuum or differential pressure switch for air and non-aggressive gases. Not suitable for natural gas, propane, butane and other combustible gases.



* A4 Models FM Approved Only

Harmonized Code: 90262090

Specifications

Max. operating pressure	AA...A2/A4	7 PSI (500 mbar)
Electrical ratings	Silver (Ag) contact ratings	
	AC 5A resistive @ 120 Vac	
	AC 3A inductive @ 120 Vac	
	DC min. 20 mA @ 24 Vdc	
	DC max. 1 A @ 48 Vdc	
Enclosure rating	NEMA Type 4	
Ambient temperature rating	-40 °F to +140 °F (-40 °C to +60 °C)	

Air pressure switch for differential, vacuum or positive pressure; with automatic reset; AA-A2-4 features 0.16" (4 mm) diameter hose connections; AA-A2-6 features 1/4" NPT positive connection and 1/8" NPT negative connection and includes a test button in the lower housing; both models feature field adjustable setpoint; AA-A4-4 models feature 1/4" NPT positive connection and 1/8" NPT negative connection with Die Cast Aluminum Base; 1/4" x 1/32" (6.3 x 0.8 mm) flat male terminals.

Model / Tech. Data	Order No.	List Price
AA-A2-4-2 0.16" to 1.2" W.C. SPDT Sw 5A @ 120 Vac 3A FLA, NEMA Type 4 FORMERLY: 46012-2	217-060A	80.21
AA-A2-4-3 0.4" to 4" W.C. SPDT Sw 5A @ 120 Vac 3A FLA, NEMA Type 4 FORMERLY: 46012-3	217-061A	80.21
AA-A2-4-5 2" to 20" W.C. SPDT Sw 5A @ 120 Vac 3A FLA, NEMA Type 4 FORMERLY: 46012-5	217-062A	80.21

Delivery Info	A
Product Group	130
Weight (lbs.)	0.40
Weight (Kg.)	0.18

Delivery Info	A
Product Group	130
Weight (lbs.)	0.40
Weight (Kg.)	0.18

Delivery Info	A
Product Group	130
Weight (lbs.)	0.40
Weight (Kg.)	0.18

130 Air Pressure Switches - AA-A2/A4

Model / Tech. Data	Order No.	List Price
AA-A2-4-6 217-063A		80.21
12" to 60" W.C. SPDT Sw 5A @ 120 Vac 3A FLA, NEMA Type 4 FORMERLY: 46012-6	Delivery Info A Product Group 130 Weight (lbs.) 0.40 Weight (Kg.) 0.18	
AA-A2-6-2 217-329A		90.98
0.16" to 1.2" W.C. SPDT Sw 5A @ 120 Vac 3A FLA, NEMA Type 4 FORMERLY: 46020-2	Delivery Info A Product Group 130 Weight (lbs.) 0.40 Weight (Kg.) 0.18	
AA-A2-6-3 217-330A		90.98
0.4" to 4" W.C. SPDT Sw 5A @ 120 Vac 3A FLA, NEMA Type 4 FORMERLY: 46020-3	Delivery Info A Product Group 130 Weight (lbs.) 0.40 Weight (Kg.) 0.18	
AA-A2-6-5 217-331A		90.98
2" to 20" W.C. SPDT Sw 5A @ 120 Vac 3A FLA, NEMA Type 4 FORMERLY: 46020-5	Delivery Info A Product Group 130 Weight (lbs.) 0.40 Weight (Kg.) 0.18	
AA-A2-6-6 217-332A		90.98
12" to 60" W.C. SPDT Sw 5A @ 120 Vac 3A FLA, NEMA Type 4 FORMERLY: 46020-6	Delivery Info A Product Group 130 Weight (lbs.) 0.40 Weight (Kg.) 0.18	
AA-A4-4-2 254-392A		101.90
0.16" to 1.2" W.C. SPDT Sw 5A @ 120 Vac 3A FLA, NEMA Type 4	Delivery Info NP Product Group 130 Weight (lbs.) 0.40 Weight (Kg.) 0.18	
AA-A4-4-3 254-393A		101.90
0.4" to 4" W.C. SPDT Sw 5A @ 120 Vac 3A FLA, NEMA Type 4	Delivery Info NP Product Group 130 Weight (lbs.) 0.40 Weight (Kg.) 0.18	
AA-A4-4-4 254-394A		101.90
2" to 20" W.C. SPDT Sw 5A @ 120 Vac 3A FLA, NEMA Type 4	Delivery Info NP Product Group 130 Weight (lbs.) 0.40 Weight (Kg.) 0.18	

130 Air Pressure Switches - AA-A2/A4

Model / Tech. Data	Order No.	List Price								
AA-A4-4-6	254-395A	101.90								
12" to 60" W.C SPDT Sw 5A @ 120 Vac 3A FLA, NEMA Type 4	<table border="1"> <tr> <td>Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>130</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.40</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.18</td> </tr> </table>	Delivery Info	NP	Product Group	130	Weight (lbs.)	0.40	Weight (Kg.)	0.18	
Delivery Info	NP									
Product Group	130									
Weight (lbs.)	0.40									
Weight (Kg.)	0.18									



Description

The DUNGS AA...C2/A2-7 differential pressure switches are field adjustable, compact pressure switches for automatic burner controls. AA...C2/A2-7 differential pressure switches are suitable for making and/or breaking a circuit when the medium pressure changes relative to the set point. The set point can be set in the field by the adjustable dial and an integrated scale.

Application

Differential pressure monitoring in firing, ventilation and air-conditioning systems. The AA...C2/A2-7 can be used as a pressure, vacuum or differential pressure switch for air and non-aggressive gases. Not suitable for natural gas, propane, butane and other combustible gases.



Harmonized Code: 90262090

Specifications

Max. operating pressure
Electrical ratings

AA...C2 1 PSI (50 mbar)
AA-7 1.5 PSI (103 mbar)
Silver (Ag) contact ratings
AA-C2 AC 5A resistive @ 120 Vac / AA-7 4A resistive @ 120 Vac
AA-C2 AC 3A inductive @ 120 Vac / AA-7 2A inductive @ 120 Vac
DC min. 20 mA
DC max. 1 A
NEMA Type 4
-40 °F to +140 °F (-40 °C to +60 °C)

Enclosure rating
Ambient temperature rating

Hose mount; air pressure switch for differential, vacuum or positive pressure; field adjustable setpoint; Screw terminals with 1/2 NPT Conduit connection.

Model / Tech. Data		Order No.	List Price
AA-C2-4-1		217-333A	102.95
0.08" to 0.6" W.C	SPDT Sw 5A @ 120 Vac 3A FLA, NEMA Type 4	Delivery Info C Product Group 130 Weight (lbs.) 0.40 Weight (Kg.) 0.18	
FORMERLY: 46010-1			
AA-C2-4-2		217-334A	102.95
0.16" to 1.2" W.C	SPDT Sw 5A @ 120 Vac 3A FLA, NEMA Type 4	Delivery Info C Product Group 130 Weight (lbs.) 0.40 Weight (Kg.) 0.18	
FORMERLY: 46010-2			
AA-C2-5-3		217-336A	102.95
0.4" to 4" W.C	SPDT Sw 5A @ 120 Vac 3A FLA, NEMA Type 4	Delivery Info C Product Group 130 Weight (lbs.) 0.40 Weight (Kg.) 0.18	
FORMERLY: 46010-3			

130 Air Pressure Switches - AA-C2/A2-7

Model / Tech. Data	Order No.	List Price
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AA-A2-7-1 **257-517**

0.08" to 0.6" W.C	Delivery Info	NP
SPDT Sw 5A @ 120 Vac 3A FLA, NEMA Type 4	Product Group	130
UL/FM/CSA Pending	Weight (lbs.)	0.40
	Weight (Kg.)	0.18

PRICE ON REQUEST

AA-A2-7-2 **251-518**

0.16" to 1.2" W.C	Delivery Info	NP
SPDT Sw 5A @ 120 Vac 3A FLA, NEMA Type 4	Product Group	130
UL/FM/CSA Pending	Weight (lbs.)	0.40
	Weight (Kg.)	0.18

PRICE ON REQUEST

AA-A2-7-3 **251-519**

0.4" to 4" W.C	Delivery Info	NP
SPDT Sw 5A @ 120 Vac 3A FLA, NEMA Type 4	Product Group	130
UL/FM/CSA Pending	Weight (lbs.)	0.40
	Weight (Kg.)	0.18

PRICE ON REQUEST



Description

The DUNGS LGW...A2 differential pressure switches are field adjustable, compact pressure switches for automatic burner controls. Available with hose or G threaded connections. LGW...A2 differential pressure switches are suitable for making and/or breaking a circuit when the medium pressure changes relative to the set point. LGW...A2 versions feature hose connections. LGW...A2P versions feature G threaded connections and a test button in the lower housing.

Application

Differential pressure monitoring in firing, ventilation and air-conditioning systems. The LGW...A2 can be used as a pressure, vacuum or differential pressure switch for air and non-aggressive gases. Not suitable for natural gas, propane, butane and other combustible gases.



Harmonized Code: 90262090

Specifications

Max. operating pressure	LGW...A2 7 PSI (500 mbar)
Electrical ratings	Silver (Ag) contact ratings AC 6A resistive @ 230 Vac AC 3A inductive @ 230 Vac DC min. 20 mA DC max. 1 A
Enclosure rating	IP 54
Ambient temperature rating	+5 °F to +140 °F (-15 °C to +60 °C)

Air pressure switch for differential, vacuum or positive pressure; with automatic reset; LGW-A2 features 4 mm (0.16") diameter hose connections; LGW-A2P features G1/4" positive connection and G1/8" negative connection; screw adjustable setpoint; Screw terminals with SO cord connection.

Model / Tech. Data	Order No.	List Price
LGW 3 A2 0.4 to 3 mbar SPDT Sw 6A @ 230 Vac 3A FLA,IP 54 FORMERLY: D107409	107-409A	88.23
LGW 10 A2 1 to 10 mbar SPDT Sw 6A @ 230 Vac 3A FLA,IP 54 FORMERLY: D107417	107-417A	88.23
LGW 50 A2 2.5 to 50 mbar SPDT Sw 6A @ 230 Vac 3A FLA,IP 54 FORMERLY: D107425	107-425A	88.23

130 Air Pressure Switches - LGW-A2

Model / Tech. Data	Order No.	List Price
<p>LGW 150 A2</p> <p>30 to 150 mbar</p> <p>SPDT Sw 6A @ 230 Vac 3A FLA,IP 54</p> <p>FORMERLY: D107433</p>	<p>107-433A</p> <p>Delivery Info B</p> <p>Product Group 130</p> <p>Weight (lbs.) 0.40</p> <p>Weight (Kg.) 0.18</p>	88.23
<p>LGW 3 A2P</p> <p>0.4 to 3 mbar</p> <p>SPDT Sw 6A @ 230 Vac 3A FLA,IP 54</p> <p>FORMERLY: D120204</p>	<p>120-204A</p> <p>Delivery Info B</p> <p>Product Group 130</p> <p>Weight (lbs.) 0.40</p> <p>Weight (Kg.) 0.18</p>	100.07
<p>LGW 10 A2P</p> <p>1 to 10 mbar</p> <p>SPDT Sw 6A @ 230 Vac 3A FLA,IP 54</p> <p>FORMERLY: D120212</p>	<p>120-212A</p> <p>Delivery Info B</p> <p>Product Group 130</p> <p>Weight (lbs.) 0.40</p> <p>Weight (Kg.) 0.18</p>	100.07
<p>LGW 50 A2P</p> <p>2.5 to 50 mbar</p> <p>SPDT Sw 6A @ 230 Vac 3A FLA,IP 54</p> <p>FORMERLY: D221207</p>	<p>221-207A</p> <p>Delivery Info B</p> <p>Product Group 130</p> <p>Weight (lbs.) 0.40</p> <p>Weight (Kg.) 0.18</p>	100.07
<p>LGW 150 A2P</p> <p>30 to 150 mbar</p> <p>SPDT Sw 6A @ 230 Vac 3A FLA,IP 54</p> <p>FORMERLY: D120238</p>	<p>120-238A</p> <p>Delivery Info B</p> <p>Product Group 130</p> <p>Weight (lbs.) 0.40</p> <p>Weight (Kg.) 0.18</p>	100.07



Description

The DUNGS LGW...A4 differential pressure switches are field adjustable, compact pressure switches for automatic burner controls. Available with RP threaded connections. LGW...A4 differential pressure switches are suitable for making and/or breaking a circuit when the medium pressure changes relative to the set point.

Application

Differential pressure monitoring in firing, ventilation and air-conditioning systems. The LGW...A4 can be used as a pressure, vacuum or differential pressure switch for air and non-aggressive gases. Not suitable for natural gas, propane, butane and other combustible gases.



Harmonized Code: 90262090

Specifications

Max. operating pressure	LGW...A4 7 PSI (500 mbar)
Electrical ratings	Silver (Ag) contact ratings AC 6A resistive @ 230 Vac AC 3A inductive @ 230 Vac DC min. 20 mA DC max. 1 A
Enclosure rating	IP 54
Ambient temperature rating	+5 °F to +140 °F (-15 °C to +60 °C)

Pipe mount; Air pressure switch for differential, vacuum or positive pressure; with automatic reset; Screw terminals with SO cord connection.

Model / Tech. Data	Order No.	List Price
LGW 3 A4 0.4 to 3 mbar SPDT Sw 6A @ 230 Vac 3A FLA,IP 54 FORMERLY: D221590	221-590A	115.23
LGW 10 A4 1 to 10 mbar SPDT Sw 6A @ 230 Vac 3A FLA,IP 54 FORMERLY: D221591	221-591A	115.23
LGW 50 A4 2.5 to 50 mbar SPDT Sw 6A @ 230 Vac 3A FLA,IP 54 FORMERLY: D221592	221-592A	115.23

130 Air Pressure Switches - LGW-A4

Model / Tech. Data	Order No.	List Price								
LGW 150 A4	221-593A	115.23								
30 to 150 mbar SPDT Sw 6A @ 230 Vac 3A FLA,IP 54 FORMERLY: D221593	<table border="1"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>130</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.40</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.18</td> </tr> </table>	Delivery Info	B	Product Group	130	Weight (lbs.)	0.40	Weight (Kg.)	0.18	
Delivery Info	B									
Product Group	130									
Weight (lbs.)	0.40									
Weight (Kg.)	0.18									



Description

The DUNGS FRI/6 pressure regulator is a spring-loaded pressure regulator with adjustable setpoint spring. Internal sensor for regulating output pressure and a 50 micron gas filter installed upstream all in one housing.

- With mounting kit, FRI/6 pressure regulator with gas filter directly mounts upstream or downstream of the DMV (Dual Modular Valve).
- Lock-up Type Regulator
- Vent limiter; approved as a vent-less regulator by some authorities having jurisdiction. (Review applicable codes for vent line requirements)

Application

The DUNGS FRI/6 is recommended for industrial and commercial heating applications and is suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 84818059

Specifications

Max. operating pressure	7 PSI (500 mbar) CE; 5 PSI (360 mbar) CSA
Input pressure range	2 to 200 in. W.C. (5 mbar to 500 mbar)
Output pressure range	1 to 80 in. W.C. (2.5 mbar to 200 mbar); adjustable with different springs
Gas filter (standard)	50 micron; replaceable
Ambient temperature rating	+5°F to +160 °F (-15 °C to +70 °C) -40°F to +160 °F (-40 °C to +70 °C) By Request

Aluminum body; Two G 1/8" downstream taps; one G 1/8" tap on top; mounts directly to DMV or stand alone with flanges. DMV Mounting kit and stand alone mounting kits included; Stand alone: flanges sold separately (same as used with DMV); Refer to selection guide for technical specifics, flow and pressure drop. Refer to spring guide for correct output pressure

Model / Tech. Data	Order No.	List Price								
<p>FRI 705/6</p> <p>1/2", 3/4", 1" NPT or Rp</p> <p>Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE)</p> <p>FORMERLY: D230472</p>	230-472	312.06								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>140</td> </tr> <tr> <td>Weight (lbs.)</td> <td>1.50</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.68</td> </tr> </table>	Delivery Info	A	Product Group	140	Weight (lbs.)	1.50	Weight (Kg.)	0.68		
Delivery Info	A									
Product Group	140									
Weight (lbs.)	1.50									
Weight (Kg.)	0.68									
<p>FRI 707/6</p> <p>1/2", 3/4", 1" NPT or Rp</p> <p>Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE)</p> <p>FORMERLY: D230473</p>	230-473	323.38								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>140</td> </tr> <tr> <td>Weight (lbs.)</td> <td>2.00</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.91</td> </tr> </table>	Delivery Info	A	Product Group	140	Weight (lbs.)	2.00	Weight (Kg.)	0.91		
Delivery Info	A									
Product Group	140									
Weight (lbs.)	2.00									
Weight (Kg.)	0.91									
<p>FRI 710/6</p> <p>1", 1 1/4", 1 1/2", 2" NPT or Rp</p> <p>Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE)</p> <p>FORMERLY: D230474</p>	230-474	335.16								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>140</td> </tr> <tr> <td>Weight (lbs.)</td> <td>4.10</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.86</td> </tr> </table>	Delivery Info	A	Product Group	140	Weight (lbs.)	4.10	Weight (Kg.)	1.86		
Delivery Info	A									
Product Group	140									
Weight (lbs.)	4.10									
Weight (Kg.)	1.86									

140 Modular Pressure Regulators - FRI

Model / Tech. Data	Order No.	List Price								
<p>FRI 712/6</p> <p>1", 1 1/4", 1 1/2", 2" NPT or Rp</p> <p>Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE)</p> <p>FORMERLY: D230475</p>	<p>230-475</p> <table border="1"> <tr> <td>Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>140</td> </tr> <tr> <td>Weight (lbs.)</td> <td>4.10</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.86</td> </tr> </table>	Delivery Info	A	Product Group	140	Weight (lbs.)	4.10	Weight (Kg.)	1.86	<p>348.16</p>
Delivery Info	A									
Product Group	140									
Weight (lbs.)	4.10									
Weight (Kg.)	1.86									



Description

The DUNGS FRS 7../6 pressure regulator is a spring-loaded pressure regulator with adjustable setpoint spring. Internal sensor for regulating output pressure.

- Input pressures up to 7 PSI (CSA to 5 PSI)
- High flow rate
- Sturdy, precise and sensitive regulation of regulator output pressure
- Lock-up Type Regulator
- Vent limiter; approved as a vent-less regulator by some authorities having jurisdiction. (Review applicable codes for vent line requirements)

Application

The DUNGS FRS 7../6 pressure regulator is recommended for industrial and commercial heating applications and is suitable for natural gas, propane, butane, air and other inert gases.

Harmonized Code: 84818059

Specifications

Max. operating pressure	10 PSI (500 mbar) CSA
Input pressure range	2 to 200 in. W.C. (5 mbar to 500 mbar)
Output pressure range	1 to 80 in. W.C. (2.5 mbar to 200 mbar); adjustable with different springs
Ambient temperature rating	+5 °F to +160 °F (-15 °C to +70 °C)

Aluminum body; Two upstream and downstream taps; one tap on top; optional external feedback connection; Refer to selection guide for technical specifics, flow and pressure drop. Refer to spring guide for correct output pressure.

Model / Tech. Data	Order No.	List Price								
<p>FRS 705/6</p> <p>1/2" NPT</p> <p>Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE)</p> <p>FORMERLY: D229595</p>	229-595	288.46								
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>141</td> </tr> <tr> <td>Weight (lbs.)</td> <td>1.30</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.59</td> </tr> </table>	Delivery Info	B	Product Group	141	Weight (lbs.)	1.30	Weight (Kg.)	0.59		
Delivery Info	B									
Product Group	141									
Weight (lbs.)	1.30									
Weight (Kg.)	0.59									
<p>FRS 707/6</p> <p>3/4" NPT</p> <p>Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE)</p> <p>FORMERLY: D229608</p>	229-608	318.37								
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>141</td> </tr> <tr> <td>Weight (lbs.)</td> <td>2.20</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.00</td> </tr> </table>	Delivery Info	B	Product Group	141	Weight (lbs.)	2.20	Weight (Kg.)	1.00		
Delivery Info	B									
Product Group	141									
Weight (lbs.)	2.20									
Weight (Kg.)	1.00									
<p>FRS 710/6</p> <p>1" NPT</p> <p>Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE)</p> <p>FORMERLY: D229609</p>	229-609	363.26								
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>141</td> </tr> <tr> <td>Weight (lbs.)</td> <td>2.70</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.23</td> </tr> </table>	Delivery Info	B	Product Group	141	Weight (lbs.)	2.70	Weight (Kg.)	1.23		
Delivery Info	B									
Product Group	141									
Weight (lbs.)	2.70									
Weight (Kg.)	1.23									

141 Stand Alone Pressure Regulators - 10 PSI - FRS

Model / Tech. Data	Order No.	List Price
FRS 712/6 229-610		449.79
1 1/4" NPT Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE) FORMERLY: D229610	Delivery Info B Product Group 141 Weight (lbs.) 2.70 Weight (Kg.) 1.23	
FRS 715/6 229-611		520.76
1 1/2" NPT Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE) FORMERLY: D229611	Delivery Info B Product Group 141 Weight (lbs.) 5.50 Weight (Kg.) 2.50	
FRS 720/6 229-612		628.49
2" NPT Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE) FORMERLY: D229612	Delivery Info B Product Group 141 Weight (lbs.) 7.70 Weight (Kg.) 3.50	
FRS 725/6 229-613		1,174.47
2 1/2" NPT Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE) FORMERLY: D229613	Delivery Info B Product Group 141 Weight (lbs.) 16.50 Weight (Kg.) 7.49	
FRS 730/6 229-614		1,339.23
3" NPT Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE) FORMERLY: D229614	Delivery Info B Product Group 141 Weight (lbs.) 22.00 Weight (Kg.) 9.99	



Description

- The DUNGS FRS 5.../10 pressure regulator is a spring-loaded pressure regulator with adjustable setpoint spring. Internal sensor for regulating output pressure.
- Input pressures up to 7 PSI (CSA to 5 PSI)
 - High flow rate
 - Sturdy, precise and sensitive regulation of regulator output pressure
 - Lock-up Type Regulator
 - Vent limiter; approved as a vent-less regulator by some authorities having jurisdiction. (Review applicable codes for vent line requirements)

Application

The DUNGS FRS 5.../10 pressure regulator is recommended for industrial and commercial heating applications and is suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 84818059

Specifications

Max. operating pressure	7 PSI (500 mbar) CE; 5 PSI (360 mbar) CSA
Input pressure range	2 to 200 in. W.C. (5 mbar to 500 mbar)
Output pressure range	1 to 80 in. W.C. (2.5 mbar to 150 mbar); adjustable with different springs
Ambient temperature rating	+5 °F to +160 °F (-15 °C to +70 °C)

Aluminum body; Two upstream and downstream taps; one tap on top; Refer to selection guide for technical specifics, flow and pressure drop. Refer to spring guide for correct output pressure.

Model / Tech. Data	Order No.	List Price								
<p>FRS 5040</p> <p>DN. 40</p> <p>Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE) 1 1/2" nominal pipe size</p> <p>FORMERLY: D065144</p>	<p>065-144</p> <table border="1" style="width: 100%;"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>141</td> </tr> <tr> <td>Weight (lbs.)</td> <td>7.70</td> </tr> <tr> <td>Weight (Kg.)</td> <td>3.50</td> </tr> </table>	Delivery Info	B	Product Group	141	Weight (lbs.)	7.70	Weight (Kg.)	3.50	<p>423.81</p>
Delivery Info	B									
Product Group	141									
Weight (lbs.)	7.70									
Weight (Kg.)	3.50									
<p>FRS 5050</p> <p>DN. 50</p> <p>Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE) 2" nominal pipe size</p> <p>FORMERLY: D065151</p>	<p>065-151</p> <table border="1" style="width: 100%;"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>141</td> </tr> <tr> <td>Weight (lbs.)</td> <td>11.00</td> </tr> <tr> <td>Weight (Kg.)</td> <td>4.99</td> </tr> </table>	Delivery Info	B	Product Group	141	Weight (lbs.)	11.00	Weight (Kg.)	4.99	<p>438.15</p>
Delivery Info	B									
Product Group	141									
Weight (lbs.)	11.00									
Weight (Kg.)	4.99									
<p>FRS 5065</p> <p>DN. 65</p> <p>Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE) 2 1/2" nominal pipe size</p> <p>FORMERLY: D058792</p>	<p>058-792</p> <table border="1" style="width: 100%;"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>141</td> </tr> <tr> <td>Weight (lbs.)</td> <td>16.50</td> </tr> <tr> <td>Weight (Kg.)</td> <td>7.49</td> </tr> </table>	Delivery Info	B	Product Group	141	Weight (lbs.)	16.50	Weight (Kg.)	7.49	<p>882.47</p>
Delivery Info	B									
Product Group	141									
Weight (lbs.)	16.50									
Weight (Kg.)	7.49									

141 Stand Alone Pressure Regulators - Flanged - FRS

Model / Tech. Data		Order No.	List Price
FRS 5080		079-681	1,473.16
DN. 80 Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE) 3" nominal pipe size FORMERLY: D079681		Delivery Info B Product Group 141 Weight (lbs.) 22.00 Weight (Kg.) 9.99	
FRS 5100		082-552	1,915.19
DN. 100 Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE) 4" nominal pipe size FORMERLY: D082552		Delivery Info B Product Group 141 Weight (lbs.) 35.30 Weight (Kg.) 16.03	
FRS 5125		013-250	2,765.21
DN. 125 Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE) 5" nominal pipe size FORMERLY: D013250		Delivery Info B Product Group 141 Weight (lbs.) 61.70 Weight (Kg.) 28.01	
FRS 5150		013-268	4,563.06
DN. 150 Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE) 6" nominal pipe size FORMERLY: D013268		Delivery Info B Product Group 141 Weight (lbs.) 83.80 Weight (Kg.) 38.05	



Description

The DUNGS FRS 5../10 pressure regulator is a spring-loaded pressure regulator with adjustable setpoint spring. Internal sensor for regulating output pressure.

- Input pressures up to 7 PSI (500 mbar)
- High flow rate
- Sturdy, precise and sensitive regulation of regulator output pressure
- Vent limiter; approved as a vent-less regulator by some authorities having jurisdiction. (Review applicable codes for vent line requirements)

Application

The DUNGS FRS 5../10 pressure regulator is recommended for industrial and commercial heating applications and is suitable for natural gas, propane, butane, air and other inert gases.

Harmonized Code: 84818059

Specifications

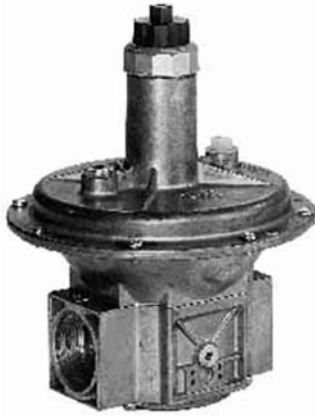
Max. operating pressure	7 PSI (500 mbar)
Input pressure range	2 to 200 in. W.C. (5 mbar to 500 mbar)
Output pressure range	1 to 80 in. W.C. (2.5 mbar to 200 mbar); adjustable with different springs
Ambient temperature rating	+5 °F to +160 °F (-15 °C to +70 °C)

Aluminum body; One upstream tap on each side; Refer to selection guide for technical specifics, flow and pressure drop. Refer to spring guide for correct output pressure.

Model / Tech. Data	Order No.	List Price								
<p>FRS 503</p> <p>3/8 Rp</p> <p>Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE)</p> <p>FORMERLY: D086462</p>	086-462	305.33								
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>141</td> </tr> <tr> <td>Weight (lbs.)</td> <td>1.00</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.45</td> </tr> </table>	Delivery Info	C	Product Group	141	Weight (lbs.)	1.00	Weight (Kg.)	0.45		
Delivery Info	C									
Product Group	141									
Weight (lbs.)	1.00									
Weight (Kg.)	0.45									
<p>FRS 505</p> <p>1/2 Rp</p> <p>Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE)</p> <p>FORMERLY: D070383</p>	070-383	317.31								
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>141</td> </tr> <tr> <td>Weight (lbs.)</td> <td>1.30</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.59</td> </tr> </table>	Delivery Info	C	Product Group	141	Weight (lbs.)	1.30	Weight (Kg.)	0.59		
Delivery Info	C									
Product Group	141									
Weight (lbs.)	1.30									
Weight (Kg.)	0.59									
<p>FRS 507</p> <p>3/4 Rp</p> <p>Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE)</p> <p>FORMERLY: D070391</p>	070-391	350.23								
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>141</td> </tr> <tr> <td>Weight (lbs.)</td> <td>2.20</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.00</td> </tr> </table>	Delivery Info	C	Product Group	141	Weight (lbs.)	2.20	Weight (Kg.)	1.00		
Delivery Info	C									
Product Group	141									
Weight (lbs.)	2.20									
Weight (Kg.)	1.00									

141 Stand Alone Pressure Regulators 500 mbar - FRS

Model / Tech. Data	Order No.	List Price
<p>FRS 510</p> <p>1 Rp</p> <p>Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE)</p> <p>FORMERLY: D070409</p>	<p>070-409</p> <p>Delivery Info C</p> <p>Product Group 141</p> <p>Weight (lbs.) 2.70</p> <p>Weight (Kg.) 1.23</p>	<p>399.61</p>
<p>FRS 515</p> <p>1 1/2 Rp</p> <p>Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE)</p> <p>FORMERLY: D058446</p>	<p>058-446</p> <p>Delivery Info C</p> <p>Product Group 141</p> <p>Weight (lbs.) 2.70</p> <p>Weight (Kg.) 1.23</p>	<p>572.83</p>
<p>FRS 520</p> <p>2 Rp</p> <p>Outlet pressure ranges 1" to 80" W.C. Standard spring 4" to 12" W.C. (BLUE)</p> <p>FORMERLY: D058628</p>	<p>058-628</p> <p>Delivery Info C</p> <p>Product Group 141</p> <p>Weight (lbs.) 5.50</p> <p>Weight (Kg.) 2.50</p>	<p>691.35</p>



Description

The DUNGS FRG 7../6 proportionator/zero governor has an adjustable setpoint spring and nonadjustable counterspring. The DUNGS FRG 7../6 is recommended for industrial and commercial heating applications. It is suitable for natural gas, propane, butane, air and other inert gases.

Application (Proportionator)

Holds a constant gas/air ratio by varying gas flow to the burner in proportion to combustion air flow. Adjustable ratio for excess gas or air operation.

Application (Zero Governor)

Controls fuel by reducing incoming gas pressure to zero or adjustable to slightly above or below atmospheric pressure.

Harmonized Code: 84818059

Specifications Proportionator

Max. operating pressure	7 PSI (500 mbar) CE; 5 PSI (360 mbar) CSA
Optimal input pressure range	2 to 82 in. W.C. (5 to 200 mbar)
Output pressure range	4 to 60 in. W.C. (10 to 150 mbar)
Ambient temperature rating	+5 °F to +160 °F (-15 °C to +70 °C)

Specifications Zero Governor

Max. operating pressure	7 PSI (500 mbar) (5 PSI CSA)
Optimal input pressure range	2 to 20 in. W.C. (5 to 50 mbar)
Output pressure range	-2 to 2 in. W.C. (-5 to 5 mbar)
Ambient temperature rating	+5 °F to +160 °F (-15 °C to +70 °C)

Aluminum body; Two upstream and downstream taps; air impulse line on top; Refer to selection guide for technical specifics, flow and pressure drop. Optional low fire bypass (part # 225-256) for 705/6, 707/6, 710/6, 712/6, 715/6, 720/6.

Model / Tech. Data	Order No.	List Price								
FRG 705/6	226-458	182.44								
1/2" NPT Refer to sales brochure for specific output ranges FORMERLY: D226458	<table border="1"> <tr> <td>Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>145</td> </tr> <tr> <td>Weight (lbs.)</td> <td>1.30</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.59</td> </tr> </table>	Delivery Info	A	Product Group	145	Weight (lbs.)	1.30	Weight (Kg.)	0.59	
Delivery Info	A									
Product Group	145									
Weight (lbs.)	1.30									
Weight (Kg.)	0.59									
FRG 707/6	226-459	187.95								
3/4" NPT Refer to sales brochure for specific output ranges FORMERLY: D226459	<table border="1"> <tr> <td>Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>145</td> </tr> <tr> <td>Weight (lbs.)</td> <td>2.20</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.00</td> </tr> </table>	Delivery Info	A	Product Group	145	Weight (lbs.)	2.20	Weight (Kg.)	1.00	
Delivery Info	A									
Product Group	145									
Weight (lbs.)	2.20									
Weight (Kg.)	1.00									
FRG 710/6	226-460	209.41								
1" NPT Refer to sales brochure for specific output ranges FORMERLY: D226460	<table border="1"> <tr> <td>Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>145</td> </tr> <tr> <td>Weight (lbs.)</td> <td>2.70</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.23</td> </tr> </table>	Delivery Info	A	Product Group	145	Weight (lbs.)	2.70	Weight (Kg.)	1.23	
Delivery Info	A									
Product Group	145									
Weight (lbs.)	2.70									
Weight (Kg.)	1.23									

145 Proportionator / Zero Governor - FRG

Model / Tech. Data	Order No.	List Price								
FRG 712/6 226-461		265.78								
1 1/4" NPT Refer to sales brochure for specific output ranges FORMERLY: D226461	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Delivery Info</td> <td style="padding: 2px;">A</td> </tr> <tr> <td style="padding: 2px;">Product Group</td> <td style="padding: 2px;">145</td> </tr> <tr> <td style="padding: 2px;">Weight (lbs.)</td> <td style="padding: 2px;">2.70</td> </tr> <tr> <td style="padding: 2px;">Weight (Kg.)</td> <td style="padding: 2px;">1.23</td> </tr> </table>	Delivery Info	A	Product Group	145	Weight (lbs.)	2.70	Weight (Kg.)	1.23	
Delivery Info	A									
Product Group	145									
Weight (lbs.)	2.70									
Weight (Kg.)	1.23									
FRG 715/6 226-462		322.16								
1 1/2" NPT Refer to sales brochure for specific output ranges FORMERLY: D226462	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Delivery Info</td> <td style="padding: 2px;">A</td> </tr> <tr> <td style="padding: 2px;">Product Group</td> <td style="padding: 2px;">145</td> </tr> <tr> <td style="padding: 2px;">Weight (lbs.)</td> <td style="padding: 2px;">5.50</td> </tr> <tr> <td style="padding: 2px;">Weight (Kg.)</td> <td style="padding: 2px;">2.50</td> </tr> </table>	Delivery Info	A	Product Group	145	Weight (lbs.)	5.50	Weight (Kg.)	2.50	
Delivery Info	A									
Product Group	145									
Weight (lbs.)	5.50									
Weight (Kg.)	2.50									
FRG 720/6 226-463		449.74								
2" NPT Refer to sales brochure for specific output ranges FORMERLY: D226463	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Delivery Info</td> <td style="padding: 2px;">A</td> </tr> <tr> <td style="padding: 2px;">Product Group</td> <td style="padding: 2px;">145</td> </tr> <tr> <td style="padding: 2px;">Weight (lbs.)</td> <td style="padding: 2px;">7.70</td> </tr> <tr> <td style="padding: 2px;">Weight (Kg.)</td> <td style="padding: 2px;">3.50</td> </tr> </table>	Delivery Info	A	Product Group	145	Weight (lbs.)	7.70	Weight (Kg.)	3.50	
Delivery Info	A									
Product Group	145									
Weight (lbs.)	7.70									
Weight (Kg.)	3.50									
FRG 725/6 226-464		780.95								
2 1/2" NPT Refer to sales brochure for specific output ranges FORMERLY: D226464	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Delivery Info</td> <td style="padding: 2px;">A</td> </tr> <tr> <td style="padding: 2px;">Product Group</td> <td style="padding: 2px;">145</td> </tr> <tr> <td style="padding: 2px;">Weight (lbs.)</td> <td style="padding: 2px;">16.50</td> </tr> <tr> <td style="padding: 2px;">Weight (Kg.)</td> <td style="padding: 2px;">7.49</td> </tr> </table>	Delivery Info	A	Product Group	145	Weight (lbs.)	16.50	Weight (Kg.)	7.49	
Delivery Info	A									
Product Group	145									
Weight (lbs.)	16.50									
Weight (Kg.)	7.49									
FRG 730/6 226-465		918.92								
3" NPT Refer to sales brochure for specific output ranges FORMERLY: D226465	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Delivery Info</td> <td style="padding: 2px;">A</td> </tr> <tr> <td style="padding: 2px;">Product Group</td> <td style="padding: 2px;">145</td> </tr> <tr> <td style="padding: 2px;">Weight (lbs.)</td> <td style="padding: 2px;">22.10</td> </tr> <tr> <td style="padding: 2px;">Weight (Kg.)</td> <td style="padding: 2px;">10.03</td> </tr> </table>	Delivery Info	A	Product Group	145	Weight (lbs.)	22.10	Weight (Kg.)	10.03	
Delivery Info	A									
Product Group	145									
Weight (lbs.)	22.10									
Weight (Kg.)	10.03									



Description

The DUNGS FRNG 5../10 proportionator/zero governor has an adjustable setpoint spring and nonadjustable counterspring. The DUNGS FRNG 5../10 is recommended for industrial and commercial heating applications. It is suitable for natural gas, propane, butane, air and other inert gases.

Application (Proportionator)

Holds a constant gas/air ratio by varying gas flow to the burner in proportion to combustion air flow. Adjustable ratio for excess gas or air operation.

Application (Zero Governor)

Controls fuel by reducing incoming gas pressure to zero or adjustable to slightly above or below atmospheric pressure.



Harmonized Code: 84818059

Specifications Proportionator

Max. operating pressure	7 PSI (500 mbar)
Optimal input pressure range	2 to 82 in. W.C. (5 to 200 mbar)
Output pressure range	0 to 60 in. W.C. (10 to 150 mbar)
Ambient temperature rating	+5 °F to +160 °F (-15 °C to +70 °C)

Specifications Zero Governor

Max. operating pressure	7 PSI (500 mbar)
Optimal input pressure range	2 to 20 in. W.C. (5 to 50 mbar)
Output pressure range	-1.2 to 2 in. W.C. (-3 to 5 mbar)
Ambient temperature rating	+5 °F to +160 °F (-15 °C to +70 °C)

Aluminum body; Two upstream and downstream taps; air impulse line on top; Refer to selection guide for technical specifics, flow and pressure drop. Optional low fire bypass for 3/8" - 2" (225-256).

Model / Tech. Data	Order No.	List Price
FRNG 503 RP 3/8" Refer to sales brochure for specific output ranges FORMERLY: D220967	220-967	186.06
FRNG 505 1/2" RP Refer to sales brochure for specific output ranges FORMERLY: D220968	220-968	189.31
FRNG 507 3/4" RP Refer to sales brochure for specific output ranges FORMERLY: D220969	220-969	206.74

145 Proportionator / Zero Governor - FRNG

Model / Tech. Data	Order No.	List Price								
<p>FRNG 510</p> <p>1" RP</p> <p>Refer to sales brochure for specific output ranges</p> <p>FORMERLY: D220970</p>	<p>220-970</p> <table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>145</td> </tr> <tr> <td>Weight (lbs.)</td> <td>2.60</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.18</td> </tr> </table>	Delivery Info	C	Product Group	145	Weight (lbs.)	2.60	Weight (Kg.)	1.18	<p>230.35</p>
Delivery Info	C									
Product Group	145									
Weight (lbs.)	2.60									
Weight (Kg.)	1.18									
<p>FRNG 515</p> <p>1 1/2" RP</p> <p>Refer to sales brochure for specific output ranges</p> <p>FORMERLY: D209064</p>	<p>209-064</p> <table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>145</td> </tr> <tr> <td>Weight (lbs.)</td> <td>5.50</td> </tr> <tr> <td>Weight (Kg.)</td> <td>2.50</td> </tr> </table>	Delivery Info	C	Product Group	145	Weight (lbs.)	5.50	Weight (Kg.)	2.50	<p>354.37</p>
Delivery Info	C									
Product Group	145									
Weight (lbs.)	5.50									
Weight (Kg.)	2.50									
<p>FRNG 520</p> <p>2" RP</p> <p>Refer to sales brochure for specific output ranges</p> <p>FORMERLY: D209065</p>	<p>209-065</p> <table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>145</td> </tr> <tr> <td>Weight (lbs.)</td> <td>7.70</td> </tr> <tr> <td>Weight (Kg.)</td> <td>3.50</td> </tr> </table>	Delivery Info	C	Product Group	145	Weight (lbs.)	7.70	Weight (Kg.)	3.50	<p>494.72</p>
Delivery Info	C									
Product Group	145									
Weight (lbs.)	7.70									
Weight (Kg.)	3.50									



Description

The DUNGS Flanged FRNG proportionator/zero governor has an adjustable setpoint spring and nonadjustable counterspring. The DUNGS Flanged FRNG is recommended for industrial and commercial heating applications. It is suitable for natural gas, propane, butane, air and other inert gases.

Application (Proportionator)

Holds a constant gas/air ratio by varying gas flow to the burner in proportion to combustion air flow. Adjustable ratio for excess gas or air operation.

Application (Zero Governor)

Controls fuel by reducing incoming gas pressure to zero or adjustable to slightly above or below atmospheric pressure.



Harmonized Code: 84818059

Specifications Proportionator

Max. operating pressure	7 PSI (500 mbar)
Optimal input pressure range	2 to 82 in. W.C. (5 to 200 mbar)
Output pressure range	0 to 60 in. W.C. (10 to 150 mbar)
Ambient temperature rating	-40 °F to +160 °F (-40 °C to +70 °C)

Specifications Zero Governor

Max. operating pressure	7 PSI (500 mbar)
Optimal input pressure range	2 to 20 in. W.C. (5 to 50 mbar)
Output pressure range	-1.2 to 2 in. W.C. (-3 to 5 mbar)
Ambient temperature rating	+5 °F to +160 °F (15 °C to +70 °C)

Aluminum body; Two upstream taps; air impulse line on top; Refer to selection guide for technical specifics, flow and pressure drop.

Model / Tech. Data	Order No.	List Price
FRNG 5040 DN. 40 Refer to sales brochure for specific output ranges. 1 1/2" nominal pipe size FORMERLY: D159350	159-350	582.52
FRNG 5050 DN. 50 Refer to sales brochure for specific output ranges. 2" nominal pipe size FORMERLY: D209067	209-067	635.19
FRNG 5065 DN. 65 Refer to sales brochure for specific output ranges. 2 1/2" nominal pipe size FORMERLY: D209068	209-068	1,058.86

145 Proportionator / Zero Governor - Flanged - FRNG

Model / Tech. Data		Order No.	List Price
FRNG 5080		209-069	1,245.94
DN. 80	Delivery Info	NP	
Refer to sales brochure for specific output ranges. 3" nominal pipe size	Product Group	145	
	Weight (lbs.)	22.00	
	Weight (Kg.)	9.99	
FORMERLY: D209069			
FRNG 5100		214-422	2,204.67
DN. 100	Delivery Info	NP	
Refer to sales brochure for specific output ranges. 4" nominal pipe size	Product Group	145	
	Weight (lbs.)	35.30	
	Weight (Kg.)	16.03	
FORMERLY: D214422			
FRNG 5125		220-758	3,192.20
DN. 125	Delivery Info	NP	
Refer to sales brochure for specific output ranges. 5" nominal pipe size	Product Group	145	
	Weight (lbs.)	61.70	
	Weight (Kg.)	28.01	
FORMERLY: D220758			
FRNG 5150		224-212	4,622.47
DN. 150	Delivery Info	NP	
Refer to sales brochure for specific output ranges. 6" nominal pipe size	Product Group	145	
	Weight (lbs.)	83.80	
	Weight (Kg.)	38.05	
FORMERLY: D224212			



Description

The DUNGS gas filter is designed for interior gas lines as per DIN 3386 with high dust storage capacity.

Application

Type GF/1 gas and air filter for protecting downstream fittings. Filter suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 84213998

Specifications

Max. operating pressure	7 PSI (500 mbar)
Max. pressure difference	5 4 in. W.C. (10 mbar), maximum recommended pressure difference in new condition
Gas filter	50 micron; replaceable
Ambient temperature rating	+5 °F to +176 °F (-15 °C to +80 °C)

Aluminum body; Refer to selection guide for technical specifics, flow and pressure drop.

Model / Tech. Data	Order No.	List Price															
GF 505	066-191	55.60															
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;">Rp 1/2</td> <td style="width: 20%;">Delivery Info</td> <td style="width: 40%;">C</td> </tr> <tr> <td></td> <td>Product Group</td> <td>170</td> </tr> <tr> <td></td> <td>Weight (lbs.)</td> <td>1.50</td> </tr> <tr> <td></td> <td>Weight (Kg.)</td> <td>0.68</td> </tr> <tr> <td colspan="3">FORMERLY: D066191</td> </tr> </table>			Rp 1/2	Delivery Info	C		Product Group	170		Weight (lbs.)	1.50		Weight (Kg.)	0.68	FORMERLY: D066191		
Rp 1/2	Delivery Info	C															
	Product Group	170															
	Weight (lbs.)	1.50															
	Weight (Kg.)	0.68															
FORMERLY: D066191																	
GF 507	066-209	67.64															
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;">Rp 3/4</td> <td style="width: 20%;">Delivery Info</td> <td style="width: 40%;">C</td> </tr> <tr> <td></td> <td>Product Group</td> <td>170</td> </tr> <tr> <td></td> <td>Weight (lbs.)</td> <td>1.50</td> </tr> <tr> <td></td> <td>Weight (Kg.)</td> <td>0.68</td> </tr> <tr> <td colspan="3">FORMERLY: D066209</td> </tr> </table>			Rp 3/4	Delivery Info	C		Product Group	170		Weight (lbs.)	1.50		Weight (Kg.)	0.68	FORMERLY: D066209		
Rp 3/4	Delivery Info	C															
	Product Group	170															
	Weight (lbs.)	1.50															
	Weight (Kg.)	0.68															
FORMERLY: D066209																	
GF 510	066-217	92.58															
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;">Rp 1</td> <td style="width: 20%;">Delivery Info</td> <td style="width: 40%;">C</td> </tr> <tr> <td></td> <td>Product Group</td> <td>170</td> </tr> <tr> <td></td> <td>Weight (lbs.)</td> <td>2.50</td> </tr> <tr> <td></td> <td>Weight (Kg.)</td> <td>1.14</td> </tr> <tr> <td colspan="3">FORMERLY: D066217</td> </tr> </table>			Rp 1	Delivery Info	C		Product Group	170		Weight (lbs.)	2.50		Weight (Kg.)	1.14	FORMERLY: D066217		
Rp 1	Delivery Info	C															
	Product Group	170															
	Weight (lbs.)	2.50															
	Weight (Kg.)	1.14															
FORMERLY: D066217																	

170 Gas & Air Filters - Threaded - GF

Model / Tech. Data	Order No.	List Price								
GF 515	066-225	100.60								
Rp 1 1/2 FORMERLY: D066225	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>170</td> </tr> <tr> <td>Weight (lbs.)</td> <td>2.50</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.14</td> </tr> </table>	Delivery Info	C	Product Group	170	Weight (lbs.)	2.50	Weight (Kg.)	1.14	
Delivery Info	C									
Product Group	170									
Weight (lbs.)	2.50									
Weight (Kg.)	1.14									
GF 520	066-233	120.83								
Rp 2 FORMERLY: D066233	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>170</td> </tr> <tr> <td>Weight (lbs.)</td> <td>4.00</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.82</td> </tr> </table>	Delivery Info	C	Product Group	170	Weight (lbs.)	4.00	Weight (Kg.)	1.82	
Delivery Info	C									
Product Group	170									
Weight (lbs.)	4.00									
Weight (Kg.)	1.82									
PRE-MOUNT FILTER	232-440	106.37								
Mount Gas Filter for DMV 507/701 FORMERLY: D232440	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>170</td> </tr> <tr> <td>Weight (lbs.)</td> <td>2.00</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.91</td> </tr> </table>	Delivery Info	C	Product Group	170	Weight (lbs.)	2.00	Weight (Kg.)	0.91	
Delivery Info	C									
Product Group	170									
Weight (lbs.)	2.00									
Weight (Kg.)	0.91									
PRE-MOUNT FILTER	226-342	128.13								
Mount Gas Filter for DMV 512/520/702/703 FORMERLY: D226342	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>170</td> </tr> <tr> <td>Weight (lbs.)</td> <td>3.00</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.36</td> </tr> </table>	Delivery Info	C	Product Group	170	Weight (lbs.)	3.00	Weight (Kg.)	1.36	
Delivery Info	C									
Product Group	170									
Weight (lbs.)	3.00									
Weight (Kg.)	1.36									



Description

The DUNGS gas filter is designed for interior gas lines as per DIN 3386 with high dust storage capacity. Flange connection as per DIN 2501 Part 1.

Application

Type GF/3 and GF/4 gas and air filter for protecting downstream fittings. Filter suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 84213998

Specifications

Max. operating pressure	58 PSI (4 bar)
Max. pressure difference	4 in. W.C. (10 mbar), maximum recommended pressure difference in new condition
Gas filter	50 micron; replaceable
Ambient temperature rating	+5 °F to +176 °F (-15 °C to +80 °C)

Aluminum body; Refer to selection guide for technical specifics, flow and pressure drop.

Model / Tech. Data	Order No.	List Price								
GF40040/3	222-637	296.84								
DN. 40 1 1/2" nominal pipe size FORMERLY: D222637	<table border="0"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>170</td> </tr> <tr> <td>Weight (lbs.)</td> <td>6.17</td> </tr> <tr> <td>Weight (Kg.)</td> <td>2.80</td> </tr> </table>	Delivery Info	C	Product Group	170	Weight (lbs.)	6.17	Weight (Kg.)	2.80	
Delivery Info	C									
Product Group	170									
Weight (lbs.)	6.17									
Weight (Kg.)	2.80									
GF40050/4	256-408	317.62								
DN. 50 2" nominal pipe size	<table border="0"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>170</td> </tr> <tr> <td>Weight (lbs.)</td> <td>7.94</td> </tr> <tr> <td>Weight (Kg.)</td> <td>3.60</td> </tr> </table>	Delivery Info	B	Product Group	170	Weight (lbs.)	7.94	Weight (Kg.)	3.60	
Delivery Info	B									
Product Group	170									
Weight (lbs.)	7.94									
Weight (Kg.)	3.60									
GF40050/3	222-638	317.62								
DN. 50 2" nominal pipe size FORMERLY: D222638	<table border="0"> <tr> <td>Delivery Info</td> <td>O</td> </tr> <tr> <td>Product Group</td> <td>170</td> </tr> <tr> <td>Weight (lbs.)</td> <td>7.94</td> </tr> <tr> <td>Weight (Kg.)</td> <td>3.60</td> </tr> </table>	Delivery Info	O	Product Group	170	Weight (lbs.)	7.94	Weight (Kg.)	3.60	
Delivery Info	O									
Product Group	170									
Weight (lbs.)	7.94									
Weight (Kg.)	3.60									

170 Gas & Air Filters - Flanged - GF

Model / Tech. Data		Order No.	List Price
GF40065/4		256-409	399.67
DN. 65 2 1/2" nominal pipe size	Delivery Info B Product Group 170 Weight (lbs.) 12.57 Weight (Kg.) 5.71		
GF40065/3		222-639	399.67
DN. 65 2 1/2" nominal pipe size FORMERLY: D222639	Delivery Info O Product Group 170 Weight (lbs.) 12.57 Weight (Kg.) 5.71		
GF40080/4		256-410	520.39
DN. 80 3" nominal pipe size	Delivery Info B Product Group 170 Weight (lbs.) 17.42 Weight (Kg.) 7.91		
GF40080/3		222-640	520.39
DN. 80 3" nominal pipe size FORMERLY: D222640	Delivery Info O Product Group 170 Weight (lbs.) 17.42 Weight (Kg.) 7.91		
GF40100/4		256-411	782.30
DN. 100 4" nominal pipe size	Delivery Info B Product Group 170 Weight (lbs.) 26.01 Weight (Kg.) 11.81		
GF40100/3		222-641	782.30
DN. 100 4" nominal pipe size FORMERLY: D222641	Delivery Info O Product Group 170 Weight (lbs.) 26.01 Weight (Kg.) 11.81		
GF40125		218-162	2,304.25
DN. 125 5" nominal pipe size FORMERLY: D218162	Delivery Info C Product Group 170 Weight (lbs.) 43.00 Weight (Kg.) 19.52		
GF40150		218-163	3,019.53
DN. 150 6" nominal pipe size FORMERLY: D218163	Delivery Info C Product Group 170 Weight (lbs.) 56.22 Weight (Kg.) 25.52		



Description

High pressure gas filter is designed for interior gas lines with high dust storage capacity. ISO Flange connection as per DIN 2501 Part 1.

Application

Type VZF gas and air filter for protecting downstream fittings. Filter suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 84213998

Specifications

Max. operating pressure	230 PSI (16 bar)
Max. pressure difference	7 PSI (500 mbar), maximum recommended pressure difference in new condition
Gas filter	99.5% filtration of 2 micron particles; replaceable - See gas filter accessories
Max. working temperature	+160 °F (+70 °C)

Steel body; Contact DUNGS for selection guide & technical specifics.

Models available for Biogas & Landfill gas applications. Contact DUNGS customer service for pricing & availability.

Model / Tech. Data	Order No.	List Price								
<p>VZF gas filter 227-156</p>										
DN. 80 3" nominal pipe size FORMERLY: D227156	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>170</td> </tr> <tr> <td>Weight (lbs.)</td> <td>26.50</td> </tr> <tr> <td>Weight (Kg.)</td> <td>12.03</td> </tr> </table>	Delivery Info	C	Product Group	170	Weight (lbs.)	26.50	Weight (Kg.)	12.03	<p>PRICE ON REQUEST</p>
Delivery Info	C									
Product Group	170									
Weight (lbs.)	26.50									
Weight (Kg.)	12.03									
<p>VZF gas filter 227-157</p>										
DN. 100 4" nominal pipe size FORMERLY: D227157	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>170</td> </tr> <tr> <td>Weight (lbs.)</td> <td>41.90</td> </tr> <tr> <td>Weight (Kg.)</td> <td>19.02</td> </tr> </table>	Delivery Info	C	Product Group	170	Weight (lbs.)	41.90	Weight (Kg.)	19.02	<p>PRICE ON REQUEST</p>
Delivery Info	C									
Product Group	170									
Weight (lbs.)	41.90									
Weight (Kg.)	19.02									
<p>VZF gas filter 227-158</p>										
DN. 150 6" nominal pipe size FORMERLY: D227158	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>170</td> </tr> <tr> <td>Weight (lbs.)</td> <td>92.60</td> </tr> <tr> <td>Weight (Kg.)</td> <td>42.04</td> </tr> </table>	Delivery Info	C	Product Group	170	Weight (lbs.)	92.60	Weight (Kg.)	42.04	<p>PRICE ON REQUEST</p>
Delivery Info	C									
Product Group	170									
Weight (lbs.)	92.60									
Weight (Kg.)	42.04									



Description

The DUNGS DMK butterfly control valve actuates from 0° to 90° degrees in either direction; it is not a tight shutoff valve. Inlet-side male thread and outlet-side female thread enable a space-saving assembly with direct mounting on most DUNGS shutoff valves.

Application

The DUNGS DMK is recommended for industrial and commercial heating applications for modulating gas or air supply to burners. The DMK butterfly control valve is suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 85059010

Specifications

Max. pressure	7 PSI (500 mbar)
Max. differential pressure	1.5 PSI (100 mbar)
Torque	Max. 4.4 in-lb (50 N cm)
Ambient temperature	0 °F to +160 °F (-15 °C to +70 °C)

Maximum pressure drop of 40" for optimum control required; Use with DUNGS DMA actuator; Required torque 12 in-lb; Screws directly to the downstream flange of the DMV; Refer to selection guide for technical specifics, flow and pressure drop; 5 business day lead time for assembly and mounting. NPT threaded product is UL listed. R/Rp threaded product has CE mark.

Model / Tech. Data	Order No.	List Price								
<p>DMK 707/6</p> <p>11 mm Orifice</p> <p>3/4" NPT male inlet connection, 3/4" NPT female outlet connection</p> <p>FORMERLY: D228754</p>	228-754	220.97								
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>185</td> </tr> <tr> <td>Weight (lbs.)</td> <td>1.80</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.82</td> </tr> </table>	Delivery Info	C	Product Group	185	Weight (lbs.)	1.80	Weight (Kg.)	0.82		
Delivery Info	C									
Product Group	185									
Weight (lbs.)	1.80									
Weight (Kg.)	0.82									
<p>DMK 710/6</p> <p>15 mm Orifice</p> <p>1" NPT male inlet connection, 1" NPT female outlet connection</p> <p>FORMERLY: D237614</p>	237-614	231.49								
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>185</td> </tr> <tr> <td>Weight (lbs.)</td> <td>2.00</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.91</td> </tr> </table>	Delivery Info	C	Product Group	185	Weight (lbs.)	2.00	Weight (Kg.)	0.91		
Delivery Info	C									
Product Group	185									
Weight (lbs.)	2.00									
Weight (Kg.)	0.91									
<p>DMK 712/6</p> <p>19 mm Orifice</p> <p>1 1/4" NPT male inlet connection, 1 1/4" NPT female outlet connection</p> <p>FORMERLY: D228770</p>	228-770	244.56								
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>185</td> </tr> <tr> <td>Weight (lbs.)</td> <td>2.20</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.00</td> </tr> </table>	Delivery Info	C	Product Group	185	Weight (lbs.)	2.20	Weight (Kg.)	1.00		
Delivery Info	C									
Product Group	185									
Weight (lbs.)	2.20									
Weight (Kg.)	1.00									

185 Butterfly Control Valves - DMK

Model / Tech. Data		Order No.	List Price
DMK 715/6		228-779	268.15
24 mm Orifice	Delivery Info C		
1 1/2" NPT male inlet connection, 1 1/2" NPT female outlet connection	Product Group 185		
	Weight (lbs.) 2.50		
FORMERLY: D228779	Weight (Kg.) 1.14		
DMK 715/6		228-783	268.15
28 mm Orifice	Delivery Info C		
1 1/2" NPT male inlet connection, 1 1/2" NPT female outlet connection	Product Group 185		
	Weight (lbs.) 2.50		
FORMERLY: D228783	Weight (Kg.) 1.14		
DMK 720/6		228-787	305.39
32 mm Orifice	Delivery Info C		
2" NPT male inlet connection, 2" NPT female outlet connection	Product Group 185		
	Weight (lbs.) 2.50		
FORMERLY: D228787	Weight (Kg.) 1.14		
DMK 507		222-621	243.08
13 mm Orifice	Delivery Info C		
R 3/4" male inlet connection, Rp 3/4" female outlet connection CE Approved only	Product Group 185		
	Weight (lbs.) 1.80		
FORMERLY: D222621	Weight (Kg.) 0.82		
DMK 507		222-165	243.08
15 mm Orifice	Delivery Info C		
R 3/4" male inlet connection, Rp 3/4" female outlet connection CE Approved only	Product Group 185		
	Weight (lbs.) 1.80		
FORMERLY: D222165	Weight (Kg.) 0.82		
DMK 507		222-619	243.08
17 mm Orifice	Delivery Info C		
R 3/4" male inlet connection, Rp 3/4" female outlet connection CE Approved only	Product Group 185		
	Weight (lbs.) 1.80		
FORMERLY: D222619	Weight (Kg.) 0.82		
DMK 512		222-616	269.00
21 mm Orifice	Delivery Info C		
R 1 1/4" male inlet connection, Rp 1 1/4" female outlet connection CE Approved only	Product Group 185		
	Weight (lbs.) 2.20		
FORMERLY: D222616	Weight (Kg.) 1.00		
DMK 512		222-614	269.00
25 mm Orifice	Delivery Info C		
R 1 1/4" male inlet connection, Rp 1 1/4" female outlet connection CE Approved only	Product Group 185		
	Weight (lbs.) 2.20		
FORMERLY: D222614	Weight (Kg.) 1.00		

185 Butterfly Control Valves - DMK

Model / Tech. Data	Order No.	List Price								
<p>DMK 515</p> <p>26 mm Orifice</p> <p>R 1 1/2" male inlet connection, Rp 1 1/2" female outlet connection CE Approved only</p> <p>FORMERLY: D222613</p>	<p>222-613</p> <table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>185</td> </tr> <tr> <td>Weight (lbs.)</td> <td>2.50</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.14</td> </tr> </table>	Delivery Info	C	Product Group	185	Weight (lbs.)	2.50	Weight (Kg.)	1.14	<p>330.69</p>
Delivery Info	C									
Product Group	185									
Weight (lbs.)	2.50									
Weight (Kg.)	1.14									
<p>DMK 515</p> <p>32 mm Orifice</p> <p>R 1 1/2" male inlet connection, Rp 1 1/2" female outlet connection CE Approved only</p> <p>FORMERLY: D222611</p>	<p>222-611</p> <table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>185</td> </tr> <tr> <td>Weight (lbs.)</td> <td>2.50</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.14</td> </tr> </table>	Delivery Info	C	Product Group	185	Weight (lbs.)	2.50	Weight (Kg.)	1.14	<p>330.69</p>
Delivery Info	C									
Product Group	185									
Weight (lbs.)	2.50									
Weight (Kg.)	1.14									
<p>DMK 520</p> <p>46 mm Orifice</p> <p>R 2" male inlet connection, Rp 2" female outlet connection CE Approved only</p> <p>FORMERLY: D222608</p>	<p>222-608</p> <table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>185</td> </tr> <tr> <td>Weight (lbs.)</td> <td>2.50</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.14</td> </tr> </table>	Delivery Info	C	Product Group	185	Weight (lbs.)	2.50	Weight (Kg.)	1.14	<p>335.94</p>
Delivery Info	C									
Product Group	185									
Weight (lbs.)	2.50									
Weight (Kg.)	1.14									

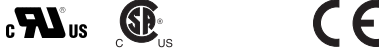


Description

The DUNGS DMA actuator drives CCW from 0° to 90° via a 4 - 20 mA input signal. The DMA is available in three different fixed speeds: 6, 12, and 30 seconds. The DMA has one independent, field adjustable auxiliary SPDT switch and two field adjustable end of travel switches. 4-20 mA feedback can be used to drive a slave motor (3 actuators maximum) in parallel. Maximum stroke (Y Max; span) is adjustable from 25Y to 90Y, and minimum stroke (Y min; zero) is adjustable from 0Y to 75% of set span.

Application

When mounted on the DUNGS DMK butterfly control valve, the DMA is used to automatically modulate the amount of natural gas, butane, propane and/or air supplied to the burner.



Harmonized Code: 85011030

Specifications

Electrical ratings	110 - 120 VAC 50-60 Hz
Power rating	Holding: max. 2.0 VA; Operation: max. 5.4 VA
Enclosure rating	NEMA Type 1 (NEMA Type 4 with optional cover D240456)
Electrical connection	Screw terminals with 1/2" NPT conduit connection
Operation time	100 % duty cycle
Ambient temperature rating	-15 °F to +120 °F (-10 °C to 50 °C)
(End of Travel) Switches (ST)	Two field adjustable switches: min and Max: limit stroke of actuator.
Auxiliary Switch (MV)	One SPDT, field adjustable switch. 1.5 A resistive, 1.5 A FLA, 9 A LRA, 120 Vac

CCW Stroke as viewed from the bottom on increasing input signal.

Model / Tech. Data	Order No.	List Price								
MTR DMA 6C120 6 Second; 90 deg stroke; 12 in-lb torque 120 Vac (+10%/-15%) 50-60 Hz; 20 VA; NEMA Type 1 Replaces: DMA 6B120	46050-1	566.24								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>186</td> </tr> <tr> <td>Weight (lbs.)</td> <td>1.21</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.55</td> </tr> </table>		Delivery Info	B	Product Group	186	Weight (lbs.)	1.21	Weight (Kg.)	0.55	
Delivery Info	B									
Product Group	186									
Weight (lbs.)	1.21									
Weight (Kg.)	0.55									
MTR DMA 12C120 12 Second; 90 deg stroke; 25 in-lb torque 120 Vac (+10%/-15%) 50-60 Hz; 20 VA; NEMA Type 1 Replaces: DMA 12B120	46050-2	566.24								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>186</td> </tr> <tr> <td>Weight (lbs.)</td> <td>1.21</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.55</td> </tr> </table>		Delivery Info	B	Product Group	186	Weight (lbs.)	1.21	Weight (Kg.)	0.55	
Delivery Info	B									
Product Group	186									
Weight (lbs.)	1.21									
Weight (Kg.)	0.55									
MTR DMA 30C120 30 Second; 90 deg stroke; 27 in-lb torque 120 Vac (+10%/-15%) 50-60 Hz; 20 VA; NEMA Type 1 Replaces: DMA 30B120	46050-3	566.24								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>186</td> </tr> <tr> <td>Weight (lbs.)</td> <td>1.21</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.55</td> </tr> </table>		Delivery Info	B	Product Group	186	Weight (lbs.)	1.21	Weight (Kg.)	0.55	
Delivery Info	B									
Product Group	186									
Weight (lbs.)	1.21									
Weight (Kg.)	0.55									

186 Actuator - DMA

Model / Tech. Data	Order No.	List Price
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MTR DMA 30C24 **46050-4**

30 Second; 90 deg stroke; 27 in-lb torque	Delivery Info B
24 Vac (+10%/-15%) 50-60 Hz; 20 VA; NEMA Type 1	Product Group 186
	Weight (lbs.) 1.21
	Weight (Kg.) 0.55

PRICE ON REQUEST



Description

The DUNGS CPI 400 and CPI 401 (closed position indicator) visually and electrically indicates when the valve is either open or closed. The CPI 400 and CPI 401 are suitable for making and/or breaking a circuit when the valve position changes.

The DUNGS Visual Indicator visually indicates when the valve is either open or closed.

The DUNGS KO1/1 electrically indicates when the valve is either open or closed. The KO1/1 is suitable for making and/or breaking a circuit when the valve position changes.

The CPI 400, CPI 401, Visual Indicator, and KO1/1 mount directly to DUNGS automatic shutoff valves.

Harmonized Code: 90262090

Code requirements vary. FM requires visual indication on 1" and larger safety valves. The visual indicator, (VI) or the CPI 401(249-194A) and CPI 400 (224-253A) meet this requirement.

European code requirements for position indication vary. The DUNGS KO1 (211-202A) switch meets EN1531 and EN 161 code requirements for closed position signal contact.

Model / Tech. Data	Order No.	List Price															
VISUAL INDICATOR	217-665	21.51															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Visual Indicator</td> <td style="width: 20%;">Delivery Info</td> <td style="width: 40%;">A</td> </tr> <tr> <td>UL Recognized, CSA Certified and FM Approved</td> <td>Product Group</td> <td>195</td> </tr> <tr> <td></td> <td>Weight (lbs.)</td> <td>0.30</td> </tr> <tr> <td></td> <td>Weight (Kg.)</td> <td>0.14</td> </tr> <tr> <td colspan="3">FORMERLY: 46000-6</td> </tr> </table>			Visual Indicator	Delivery Info	A	UL Recognized, CSA Certified and FM Approved	Product Group	195		Weight (lbs.)	0.30		Weight (Kg.)	0.14	FORMERLY: 46000-6		
Visual Indicator	Delivery Info	A															
UL Recognized, CSA Certified and FM Approved	Product Group	195															
	Weight (lbs.)	0.30															
	Weight (Kg.)	0.14															
FORMERLY: 46000-6																	
CPI 401	249-194A	120.95															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Interlock Switch with Visual Indication Metal Housing</td> <td style="width: 20%;">Delivery Info</td> <td style="width: 40%;">NP</td> </tr> <tr> <td>SPDT SW, 10A Res / 8A FLA @ 120 Vac; NEMA Type 4; UL Recognized and FM Approved</td> <td>Product Group</td> <td>195</td> </tr> <tr> <td></td> <td>Weight (lbs.)</td> <td>0.50</td> </tr> <tr> <td></td> <td>Weight (Kg.)</td> <td>0.23</td> </tr> </table>			Interlock Switch with Visual Indication Metal Housing	Delivery Info	NP	SPDT SW, 10A Res / 8A FLA @ 120 Vac; NEMA Type 4; UL Recognized and FM Approved	Product Group	195		Weight (lbs.)	0.50		Weight (Kg.)	0.23			
Interlock Switch with Visual Indication Metal Housing	Delivery Info	NP															
SPDT SW, 10A Res / 8A FLA @ 120 Vac; NEMA Type 4; UL Recognized and FM Approved	Product Group	195															
	Weight (lbs.)	0.50															
	Weight (Kg.)	0.23															
CPI 400	224-253A	127.30															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Interlock Switch with Visual Indication Polycarbonate Housing</td> <td style="width: 20%;">Delivery Info</td> <td style="width: 40%;">A</td> </tr> <tr> <td>SPDT SW, 10A Res / 8A FLA @ 120 Vac; NEMA Type 4; UL Recognized, CSA Certified and FM Approved</td> <td>Product Group</td> <td>195</td> </tr> <tr> <td></td> <td>Weight (lbs.)</td> <td>0.90</td> </tr> <tr> <td></td> <td>Weight (Kg.)</td> <td>0.41</td> </tr> <tr> <td colspan="3">FORMERLY: D224253</td> </tr> </table>			Interlock Switch with Visual Indication Polycarbonate Housing	Delivery Info	A	SPDT SW, 10A Res / 8A FLA @ 120 Vac; NEMA Type 4; UL Recognized, CSA Certified and FM Approved	Product Group	195		Weight (lbs.)	0.90		Weight (Kg.)	0.41	FORMERLY: D224253		
Interlock Switch with Visual Indication Polycarbonate Housing	Delivery Info	A															
SPDT SW, 10A Res / 8A FLA @ 120 Vac; NEMA Type 4; UL Recognized, CSA Certified and FM Approved	Product Group	195															
	Weight (lbs.)	0.90															
	Weight (Kg.)	0.41															
FORMERLY: D224253																	

195 Accessories Valve Position Indication

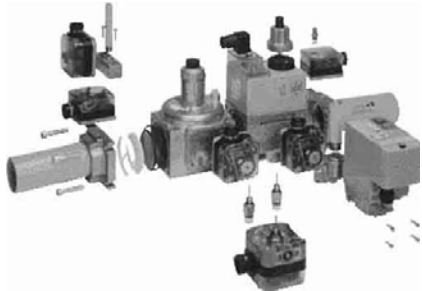
Model / Tech. Data	Order No.	List Price
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KO1/1	211-202A	77.21
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G 1/8" thread connection SPDT, 5A Res / 3A FLA @ 250 Vac IP 54; CE FORMERLY: 46000-8	<table border="1"> <tr> <td>Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.50</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.23</td> </tr> </table>	Delivery Info	A	Product Group	195	Weight (lbs.)	0.50	Weight (Kg.)	0.23
Delivery Info	A								
Product Group	195								
Weight (lbs.)	0.50								
Weight (Kg.)	0.23								

KO1/1	214-908A	98.89
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G 1/8" thread connection SPDT, 5A Res / 3A FLA @ 250 Vac IP 65; CE FORMERLY: D214908	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.50</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.23</td> </tr> </table>	Delivery Info	C	Product Group	195	Weight (lbs.)	0.50	Weight (Kg.)	0.23
Delivery Info	C								
Product Group	195								
Weight (lbs.)	0.50								
Weight (Kg.)	0.23								



Description

The DUNGS DMV is the main component of the DUNGS Modular Gas System may comprised of:

- 1 DMV combines two Automatic shutoff Valves in one housing
- 2 Flanges 1/2" to 2" NPT/Rp threaded
- 3 FRI Pressure Regulator with built in 50 micron Filter
- 4 GML manual reset Low Gas Pressure Switch
- 5 GMH manual reset High Gas Pressure Switch
- 6 GAO automatic reset High or Low Gas Pressure Switch
- 7 Visual Indicator
- 8 CPI 400 Closed Position Indicator Switch
- 9 Pilot Line Connector
- 10 VPS 504 Valve Proving System

Harmonized Code: Various

Refer to selection guide for technical specifics

Model / Tech. Data	Order No.	List Price
MOUNTING KIT DMV to FRI	219-967	36.66
<div style="border: 1px solid black; padding: 5px;"> Mounting Kit for FRI 705/707 to DMV 701/507 Body; Includes 8 mounting bolts and 2 O-rings; packaged with FRI FORMERLY: D219967 </div>		
<div style="border: 1px solid black; padding: 5px;"> Delivery Info A Product Group 195 Weight (lbs.) 0.50 Weight (Kg.) 0.23 </div>		
MOUNTING KIT DMV to FRI	219-968	36.66
<div style="border: 1px solid black; padding: 5px;"> Mounting Kit for FRI 710/712 to DMV 702/703, 510/ 512 Body; Includes 8 mounting bolts and 2 O-rings; packaged with FRI FORMERLY: D219968 </div>		
<div style="border: 1px solid black; padding: 5px;"> Delivery Info A Product Group 195 Weight (lbs.) 0.50 Weight (Kg.) 0.23 </div>		
Stand-alone mounting kit FRI	224-093	36.66
<div style="border: 1px solid black; padding: 5px;"> Mounting Kit for FRI 705/707; Includes 8 mounting bolts and 2 O-rings; packaged with FRI. DMV 701 replacement O-ring and bolt kit FORMERLY: D224093 </div>		
<div style="border: 1px solid black; padding: 5px;"> Delivery Info A Product Group 195 Weight (lbs.) 0.50 Weight (Kg.) 0.23 </div>		

195 Accessories Modular Valve

Model / Tech. Data	Order No.	List Price								
Stand-alone Mounting kit Flange S 224-094 Mounting Kit for FRI 710./712; Includes 8 mounting bolts and 2 O-rings; packaged with FRI. DMV 702/703 replacement O-ring and bolt kit FORMERLY: D224094		36.66								
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.50</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.23</td> </tr> </table>		Delivery Info	A	Product Group	195	Weight (lbs.)	0.50	Weight (Kg.)	0.23	
Delivery Info	A									
Product Group	195									
Weight (lbs.)	0.50									
Weight (Kg.)	0.23									
Burkert Connector for DMV & SV 246-699 4 Pins, black Allows a UL Recognized DMV valve to replace a UL Listed valve. Such a substitution is typically required for equipment UL Listed to UL 795. FORMERLY: D246699		PRICE ON REQUEST								
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.20</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.09</td> </tr> </table>		Delivery Info	A	Product Group	195	Weight (lbs.)	0.20	Weight (Kg.)	0.09	
Delivery Info	A									
Product Group	195									
Weight (lbs.)	0.20									
Weight (Kg.)	0.09									
DIN Connector for DMV 210-319 4 Pins, black Used with DMV modular valves; DIN connector and M20 conduit connector (240-671) included with the DMV FORMERLY: D210319		9.41								
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.20</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.09</td> </tr> </table>		Delivery Info	A	Product Group	195	Weight (lbs.)	0.20	Weight (Kg.)	0.09	
Delivery Info	A									
Product Group	195									
Weight (lbs.)	0.20									
Weight (Kg.)	0.09									
PG 11 CONDUIT ADAPTOR 220-566 1/2" NPT 65 in-lb Max Torque; used with DIN connector (210-319) FORMERLY: 46000-14		5.72								
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;">Delivery Info</td> <td>O</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.10</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.05</td> </tr> </table>		Delivery Info	O	Product Group	195	Weight (lbs.)	0.10	Weight (Kg.)	0.05	
Delivery Info	O									
Product Group	195									
Weight (lbs.)	0.10									
Weight (Kg.)	0.05									
M20 Conduit Adapter 240-671 M 20 to 1/2" NPT 65 in-lb Max Torque; used with DIN connector (210-319) FORMERLY: D240671		5.72								
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.10</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.05</td> </tr> </table>		Delivery Info	A	Product Group	195	Weight (lbs.)	0.10	Weight (Kg.)	0.05	
Delivery Info	A									
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Weight (lbs.)	0.10									
Weight (Kg.)	0.05									
Assembly Fee Assembly of DMV, FRI, Pressure Switches and VPS; Includes Pressure testing; 5 business day lead time		330.85								
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td></td> </tr> <tr> <td>Weight (Kg.)</td> <td></td> </tr> </table>		Delivery Info	A	Product Group	195	Weight (lbs.)		Weight (Kg.)		
Delivery Info	A									
Product Group	195									
Weight (lbs.)										
Weight (Kg.)										
CM 100 46022 With enclosure, for remote mounting; NEMA Type 12 Control module for use with valve proving systems; Provides control logic for checking valves on burner start-up and shut-down.		299.88								
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>1.50</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.68</td> </tr> </table>		Delivery Info	A	Product Group	195	Weight (lbs.)	1.50	Weight (Kg.)	0.68	
Delivery Info	A									
Product Group	195									
Weight (lbs.)	1.50									
Weight (Kg.)	0.68									
CM 101 46023 Without enclosure, for panel mounting Control module for use with valve proving systems; Provides control logic for checking valves on burner start-up and shut-down.		256.25								
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>1.50</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.68</td> </tr> </table>		Delivery Info	A	Product Group	195	Weight (lbs.)	1.50	Weight (Kg.)	0.68	
Delivery Info	A									
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Weight (Kg.)	0.68									

195 Accessories Modular Valve

Model / Tech. Data	Order No.	List Price
<p>1/2" Flange adapter for Port 2 225-043</p>		46.09
<p>1/2" NPT</p> <p>Accesses port 2 of the DMV for pilot use; G1/8" tap on port 1</p> <p>FORMERLY: D225043</p>	<p>Delivery Info A</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.70</p> <p>Weight (Kg.) 0.32</p>	
<p>Adapter for A2 214-975</p>		28.70
<p>For mounting the high pressure switch on the side of the DMV</p> <p>Allows the A2 pressure switch to monitor pressure downstream of valve 2.</p> <p>FORMERLY: D214975</p>	<p>Delivery Info A</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>	
<p>1/4" NPT Adapter 225-047</p>		31.57
<p>1/4" NPT</p> <p>Used to mount accessories to various ports on the DMV system; Also includes G1/8" accessory tap</p> <p>FORMERLY: D225047</p>	<p>Delivery Info A</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.70</p> <p>Weight (Kg.) 0.32</p>	
<p>Vent Line Adapter 243-760</p>		102.55
<p>1" NPT female connection</p> <p>Provides a vent line connection between the two automatic shutoff valves. Field installable accessory for DMV 525; 704 & ISO Flanged DMV's</p> <p>FORMERLY: D243760</p>	<p>Delivery Info B</p> <p>Product Group 195</p> <p>Weight (lbs.) 2.00</p> <p>Weight (Kg.) 0.91</p>	
<p>Test Nipple 219-008</p>		6.73
<p>G 1/8"</p> <p>May be used on any G1/8" pressure tap</p> <p>FORMERLY: D219008</p>	<p>Delivery Info A</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>	
<p>Test Nipple 230-398</p>		6.73
<p>G 1/4"</p> <p>May be used on any G1/4" pressure tap</p> <p>FORMERLY: D230398</p>	<p>Delivery Info B</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>	
<p>Test Nipple 217-747</p>		PRICE ON REQUEST
<p>1/4" NPT</p> <p>May be used on any 1/4" NPT pressure tap</p> <p>FORMERLY: D217747</p>	<p>Delivery Info O</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>	
<p>SO cord strain relief PG 11 D070565</p>		4.15
<p>PG 11</p> <p>SO cord strain relief; May be used on any PG 11 electrical connection</p>	<p>Delivery Info C</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>	

195 Accessories Modular Valve

Model / Tech. Data	Order No.	List Price
Knock out plug	220-798	4.98
PG 13.5 May be used on any PG 13.5 electrical connection FORMERLY: D220798	Delivery Info C Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
VPS ADAPTER PLATE	205-360	79.18
1/4" compression fitting Allows the VPS (221-073) to be used with MVD series automatic shutoff valves FORMERLY: D205360	Delivery Info C Product Group 195 Weight (lbs.) 1.00 Weight (Kg.) 0.45	
VPS mounting screws	221-356	10.70
4 per package FORMERLY: D221356	Delivery Info B Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
VPS O-RING	104-521	3.01
sold individually FORMERLY: D104521	Delivery Info B Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
Screw; M5 x 14	245-044	2.87
Fits SV (DLE) 1005 & 1007 body; Sold individually FORMERLY: D245044	Delivery Info B Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
Screw; M6 x 25	245-046	2.87
Fits SV (DLE) 1010 & 1012 body; Sold individually FORMERLY: D245046	Delivery Info B Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
Screw; M8 x 35	245-048	2.87
Fits SV (DLE) 1015 & 1020 body; Sold individually FORMERLY: D245048	Delivery Info B Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
O-Ring; 34.00 x 2.00		
Fits SV (DLE) 1005 & 1007 body. Contact Customer Service	Delivery Info B Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05	PRICE ON REQUEST

195 Accessories Modular Valve

Model / Tech. Data	Order No.	List Price								
O-Ring; 57.00 x 3.00	230-443	12.10								
Fits DMV 701 SV (DLE) 1010 & 1012 body; 2 per pack	<table border="1"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.10</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.05</td> </tr> </table>	Delivery Info	B	Product Group	195	Weight (lbs.)	0.10	Weight (Kg.)	0.05	
Delivery Info	B									
Product Group	195									
Weight (lbs.)	0.10									
Weight (Kg.)	0.05									
O-Ring; 75.00 x 3.50	230-444	12.10								
Fits DMV 702/703 SV (DLE) 1015 & 1020 body; 2 per pack	<table border="1"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.10</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.05</td> </tr> </table>	Delivery Info	B	Product Group	195	Weight (lbs.)	0.10	Weight (Kg.)	0.05	
Delivery Info	B									
Product Group	195									
Weight (lbs.)	0.10									
Weight (Kg.)	0.05									



Description

- Flanges for the DUNGS dual modular valve system and FRI regulators

Harmonized Code: 84814090

Must be ordered and priced individually

Model / Tech. Data	Order No.	List Price								
1/2" NPT Flange 1/2" NPT for DMV 701/507 Body & FRI 705/707 Body FORMERLY: D222371	222-371	30.68								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.50</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.23</td> </tr> </table>		Delivery Info	A	Product Group	195	Weight (lbs.)	0.50	Weight (Kg.)	0.23	
Delivery Info	A									
Product Group	195									
Weight (lbs.)	0.50									
Weight (Kg.)	0.23									
3/4" NPT Flange 3/4" NPT for DMV 701/507 Body & FRI 705/707 Body FORMERLY: D222368	222-368	30.68								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.50</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.23</td> </tr> </table>		Delivery Info	A	Product Group	195	Weight (lbs.)	0.50	Weight (Kg.)	0.23	
Delivery Info	A									
Product Group	195									
Weight (lbs.)	0.50									
Weight (Kg.)	0.23									
1" NPT Flange 1" NPT for DMV 701/507 Body & FRI 705/707 Body FORMERLY: D221999	221-999	30.68								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.50</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.23</td> </tr> </table>		Delivery Info	A	Product Group	195	Weight (lbs.)	0.50	Weight (Kg.)	0.23	
Delivery Info	A									
Product Group	195									
Weight (lbs.)	0.50									
Weight (Kg.)	0.23									

195 Accessories Flanges

Model / Tech. Data	Order No.	List Price
1" NPT Flange	222-369	30.68
1" NPT for DMV 702/703/512/520 Body & FRI 710/712 Body FORMERLY: D222369	Delivery Info A Product Group 195 Weight (lbs.) 0.80 Weight (Kg.) 0.36	
1 1/4" NPT Flange	222-370	30.68
1 1/4" NPT for DMV 702/703/512/520 Body & FRI 710/712 Body FORMERLY: D222370	Delivery Info A Product Group 195 Weight (lbs.) 0.80 Weight (Kg.) 0.36	
1 1/2" NPT Flange	222-003	30.68
1 1/2" NPT for DMV 702/703/512/520 Body & FRI 710/712 Body FORMERLY: D222003	Delivery Info A Product Group 195 Weight (lbs.) 0.80 Weight (Kg.) 0.36	
2" NPT Flange	221-997	30.68
2" NPT for DMV 702/703/512/520 Body & FRI 710/712 Body FORMERLY: D221997	Delivery Info A Product Group 195 Weight (lbs.) 0.80 Weight (Kg.) 0.36	
2" NPT Flange	232-407	44.46
2" NPT for DMV 525 704/6x4 Body FORMERLY: D232407	Delivery Info A Product Group 195 Weight (lbs.) 1.00 Weight (Kg.) 0.45	
Rp 3/8" Flange	217-471	33.68
Rp 3/8 for DMV 503/11	Delivery Info C Product Group 195 Weight (lbs.) 0.50 Weight (Kg.) 0.23	
Rp 1/2" Flange	222-341	33.68
Rp 1/2 for DMV 701/507 Body & FRI 705/707 Body FORMERLY: D222341	Delivery Info A Product Group 195 Weight (lbs.) 0.50 Weight (Kg.) 0.23	
Rp 3/4" Flange	222-342	33.68
Rp 3/4 for DMV 701/507 Body & FRI 705/707 Body FORMERLY: D222342	Delivery Info A Product Group 195 Weight (lbs.) 0.50 Weight (Kg.) 0.23	

195 Accessories Flanges

Model / Tech. Data		Order No.	List Price
Rp 1" Flange		222-001	33.68
Rp 1 for DMV 701/507 Body & FRI 705/707 Body FORMERLY: D222001		Delivery Info A Product Group 195 Weight (lbs.) 0.50 Weight (Kg.) 0.23	
Rp 1" Flange		222-343	33.68
Rp 1 for DMV 702/703/512/520 Body & FRI 710/712 Body FORMERLY: D222343		Delivery Info A Product Group 195 Weight (lbs.) 0.80 Weight (Kg.) 0.36	
Rp 1 1/4" Flange		222-344	33.68
Rp 1 1/4 for DMV 702/703/512/520 Body & FRI 710/712 Body FORMERLY: D222344		Delivery Info A Product Group 195 Weight (lbs.) 0.80 Weight (Kg.) 0.36	
Rp 1 1/2" Flange		221-884	33.68
Rp 1 1/2 for DMV 702/703/512/520 Body & FRI 710/712 Body FORMERLY: D221884		Delivery Info A Product Group 195 Weight (lbs.) 0.80 Weight (Kg.) 0.36	
Rp 2" Flange		221-926	33.68
Rp 2 for DMV 702/703/512/520 Body & FRI 710/712 Body FORMERLY: D221926		Delivery Info A Product Group 195 Weight (lbs.) 0.80 Weight (Kg.) 0.36	
Rp 2" Flange		215-384	48.89
Rp 2 for DMV 525 706/6x4 Body FORMERLY: D215384		Delivery Info B Product Group 195 Weight (lbs.) 1.00 Weight (Kg.) 0.45	
1/2" NPT Flange Kit		242-650	20.94
1/2" NPT for SV small body; Includes flange, O-ring & mounting screws FORMERLY: D242650		Delivery Info NP Product Group 195 Weight (lbs.) 1.00 Weight (Kg.) 0.45	
3/4" NPT Flange Kit		242-651	20.94
3/4" NPT for SV small body; Includes flange, O-ring & mounting screws FORMERLY: D242651		Delivery Info NP Product Group 195 Weight (lbs.) 1.00 Weight (Kg.) 0.45	

195 Accessories Flanges

Model / Tech. Data		Order No.	List Price
1/2" NPT Flange Kit		242-653	30.68
1/2" NPT for SV medium body; Includes flange, O-ring & mounting screws FORMERLY: D242653	Delivery Info NP Product Group 195 Weight (lbs.) 1.50 Weight (Kg.) 0.68		
3/4" NPT Flange Kit		242-654	30.68
3/4" NPT for SV medium body; Includes flange, O-ring & mounting screws FORMERLY: D242654	Delivery Info NP Product Group 195 Weight (lbs.) 1.50 Weight (Kg.) 0.68		
1" NPT Flange Kit		242-655	30.68
1" NPT for SV medium body; Includes flange, O-ring & mounting screws FORMERLY: D242655	Delivery Info NP Product Group 195 Weight (lbs.) 1.50 Weight (Kg.) 0.68		
1 1/4" NPT Flange Kit		242-656	30.68
1 1/4" NPT for SV medium body; Includes flange, O-ring & mounting screws FORMERLY: D242656	Delivery Info NP Product Group 195 Weight (lbs.) 1.50 Weight (Kg.) 0.68		
1 1/2" NPT Flange Kit		245-563	30.68
1 1/2" NPT for SV medium body; Includes flange, O-ring & mounting screws FORMERLY: D245563	Delivery Info NP Product Group 195 Weight (lbs.) 1.50 Weight (Kg.) 0.68		
1" NPT Flange Kit		242-657	41.20
1" NPT for SV large body; Includes flange, O-ring & mounting screws FORMERLY: D242657	Delivery Info NP Product Group 195 Weight (lbs.) 2.00 Weight (Kg.) 0.91		
1 1/4" NPT Flange Kit		242-658	41.20
1 1/4" NPT for SV large body; Includes flange, O-ring & mounting screws FORMERLY: D242658	Delivery Info NP Product Group 195 Weight (lbs.) 2.00 Weight (Kg.) 0.91		
1 1/2" NPT Flange Kit		242-659	41.20
1 1/2" NPT for SV large body; Includes flange, O-ring & mounting screws FORMERLY: D242659	Delivery Info NP Product Group 195 Weight (lbs.) 2.00 Weight (Kg.) 0.91		

195 Accessories Flanges

Model / Tech. Data		Order No.	List Price
2" NPT Flange Kit		242-660	41.20
2" NPT for SV large body; Includes flange, O-ring & mounting screws FORMERLY: D242660	Delivery Info NP Product Group 195 Weight (lbs.) 2.00 Weight (Kg.) 0.91		
Rp 1/2" Flange Kit		242-220	23.05
Rp 1/2 for SV small body; Includes flange, O-ring & mounting screws FORMERLY: D242220	Delivery Info NP Product Group 195 Weight (lbs.) 1.00 Weight (Kg.) 0.45		
Rp 3/4" Flange Kit		242-221	23.05
Rp 3/4 for SV small body; Includes flange, O-ring & mounting screws FORMERLY: D242221	Delivery Info NP Product Group 195 Weight (lbs.) 1.00 Weight (Kg.) 0.45		
Rp 1/2" Flange Kit		242-223	33.75
Rp 1/2" for SV medium body; Includes flange, O-ring & mounting screws FORMERLY: D242223	Delivery Info NP Product Group 195 Weight (lbs.) 1.50 Weight (Kg.) 0.68		
Rp 3/4" Flange Kit		242-224	33.75
Rp 3/4 for SV medium body; Includes flange, O-ring & mounting screws FORMERLY: D242224	Delivery Info NP Product Group 195 Weight (lbs.) 1.50 Weight (Kg.) 0.68		
Rp 1" Flange Kit		242-225	33.75
Rp 1 for SV medium body; Includes flange, O-ring & mounting screws FORMERLY: D242225	Delivery Info NP Product Group 195 Weight (lbs.) 1.50 Weight (Kg.) 0.68		
Rp 1 1/4" Flange Kit		242-226	33.75
Rp 1 1/4 for SV medium body; Includes flange, O-ring & mounting screws FORMERLY: D242226	Delivery Info NP Product Group 195 Weight (lbs.) 1.50 Weight (Kg.) 0.68		
Rp 1 1/2" Flange Kit		243-817	33.75
Rp 1 1/2 for SV medium body; Includes flange, O-ring & mounting screws FORMERLY: D243817	Delivery Info NP Product Group 195 Weight (lbs.) 1.50 Weight (Kg.) 0.68		

195 Accessories Flanges

Model / Tech. Data		Order No.	List Price
Rp 1" Flange Kit		242-227	45.32
Rp 1 for SV large body; Includes flange, O-ring & mounting screws FORMERLY: D242227		Delivery Info NP Product Group 195 Weight (lbs.) 2.00 Weight (Kg.) 0.91	
Rp 1 1/4" Flange Kit		242-228	45.32
Rp 1 1/4 for SV large body; Includes flange, O-ring & mounting screws FORMERLY: D242228		Delivery Info NP Product Group 195 Weight (lbs.) 2.00 Weight (Kg.) 0.91	
Rp 1 1/2" Flange Kit		242-229	45.32
Rp 1 1/2 for SV large body; Includes flange, O-ring & mounting screws FORMERLY: D242229		Delivery Info NP Product Group 195 Weight (lbs.) 2.00 Weight (Kg.) 0.91	
Rp 2" Flange Kit		242-230	45.32
Rp 2 for SV large body; Includes flange, O-ring & mounting screws FORMERLY: D242230		Delivery Info NP Product Group 195 Weight (lbs.) 2.00 Weight (Kg.) 0.91	
DN. 40 Pre-Weld Flange		227-137	25.46
DN. 40 (1 1/2" pipe size) Requires four [4] M16x55 bolt kits (135-930) & one [1] DN. 40 seal (100-164) per connection. FORMERLY: D227137		Delivery Info C Product Group 195 Weight (lbs.) 4.10 Weight (Kg.) 1.86	
DN. 50 Pre-Weld Flange		227-138	30.36
DN. 50 (2" pipe size) Requires four [4] M16x55 bolt kits (135-930) & one [1] DN. 50 seal (030-221) per connection. FORMERLY: D227138		Delivery Info C Product Group 195 Weight (lbs.) 5.50 Weight (Kg.) 2.50	
DN. 65 Pre-Weld Flange		227-139	33.78
DN. 65 (2 1/2" pipe size) Requires four [4] M16x65 bolt kits (135-930) & one [1] DN. 65 seal (099-408) per connection. FORMERLY: D227139		Delivery Info C Product Group 195 Weight (lbs.) 6.40 Weight (Kg.) 2.91	
DN. 80 Pre-Weld Flange		227-140	40.79
DN. 80 (3" pipe size) Requires eight [8] M16x65 bolt kits (135-930) & one [1] DN. 80 seal (030-254) per connection. FORMERLY: D227140		Delivery Info C Product Group 195 Weight (lbs.) 8.60 Weight (Kg.) 3.90	

195 Accessories Flanges

Model / Tech. Data	Order No.	List Price
DN. 100 Pre-Weld Flange 227-141		54.41
DN. 100 (4" pipe size) Requires eight [8] M16x65 bolt kits (135-930) & one [1] DN. 100 seal (030-304) per connection. FORMERLY: D227141	Delivery Info C Product Group 195 Weight (lbs.) 9.90 Weight (Kg.) 4.49	
DN. 125 Pre-Weld Flange 227-142		87.85
DN. 125 (5" pipe size) Requires eight [8] M16x75 bolt kits (148-830) & one [1] DN. 125 seal (030-312) per connection. FORMERLY: D227142	Delivery Info C Product Group 195 Weight (lbs.) 13.50 Weight (Kg.) 6.13	
DN. 150 Pre-Weld Flange 227-143		131.33
DN. 150 (6" pipe size) Requires eight [8] M20x80 bolt kits (135-950) & one [1] DN. 150 seal (030-403) per connection. FORMERLY: D227143	Delivery Info C Product Group 195 Weight (lbs.) 16.60 Weight (Kg.) 7.54	
DN. 200 Pre-Weld Flange 227-144		217.60
DN. 200 (8" pipe size) Requires eight [8] M20x90 bolt kits (135-960) & one [1] DN. 200 seal (030-622) per connection. FORMERLY: D227144	Delivery Info C Product Group 195 Weight (lbs.) 21.70 Weight (Kg.) 9.85	
DN. 65 Weld Neck to NPT 243-690		259.85
DN. 65 (2 1/2" pipe size) to 2 1/2" NPT threaded connection Weld Neck to NPT / weld Requires four [4] M16x65 bolt kits (135-930) & one [1] DN. 65 seal (099-408) per connection. FORMERLY: D243690	Delivery Info C Product Group 195 Weight (lbs.) 6.80 Weight (Kg.) 3.09	
DN. 80 Weld Neck to NPT 243-219		311.29
DN. 80 (3" pipe size) to 3" NPT threaded connection Weld Neck to NPT / weld Requires eight [8] M16x65 bolt kits (135-930) & one [1] DN. 80 seal (030-254) per connection. FORMERLY: D243219	Delivery Info C Product Group 195 Weight (lbs.) 7.90 Weight (Kg.) 3.59	
DN. 40 Seal 100-164		9.16
DN. 40 (1 1/2" pipe size) 1 piece FORMERLY: D100164	Delivery Info C Product Group 195 Weight (lbs.) ? Weight (Kg.)	
DN. 50 Seal 030-221		9.79
DN. 50 (2" pipe size) 1 piece FORMERLY: D030221	Delivery Info C Product Group 195 Weight (lbs.) ? Weight (Kg.)	

195 Accessories Flanges

Model / Tech. Data	Order No.	List Price
DN. 65 Seal	099-408	11.44
DN. 65 (2 1/2" pipe size) 1 piece FORMERLY: D099408	Delivery Info C Product Group 195 Weight (lbs.) ? Weight (Kg.)	
DN. 80 Seal	030-254	18.28
DN. 80 (3" pipe size) 1 piece FORMERLY: D030254	Delivery Info C Product Group 195 Weight (lbs.) ? Weight (Kg.)	
DN. 100 Seal	030-304	19.65
DN. 100 (4" pipe size) 1 piece FORMERLY: D030304	Delivery Info C Product Group 195 Weight (lbs.) ? Weight (Kg.)	
DN. 125 Seal	030-312	25.06
DN. 125 (5" pipe size) 1 piece FORMERLY: D030312	Delivery Info C Product Group 195 Weight (lbs.) ? Weight (Kg.)	
DN. 150 Seal	030-403	31.11
DN. 150 (6" pipe size) 1 piece FORMERLY: D030403	Delivery Info C Product Group 195 Weight (lbs.) ? Weight (Kg.)	
DN. 200 Seal	231-784	108.63
DN. 200 (8" pipe size) Set of 2 FORMERLY: D030622	Delivery Info C Product Group 195 Weight (lbs.) ? Weight (Kg.)	
M16x65 Bolt Kit	135-930	17.16
Fits DN. 65 - DN. 100 Includes two [2] washers & two [2] nuts. FORMERLY: D135930	Delivery Info C Product Group 195 Weight (lbs.) ? Weight (Kg.)	
M16x75 Bolt Kit	148-830	18.45
Fits DN. 125 Includes two [2] washers & two [2] nuts. FORMERLY: D148830	Delivery Info C Product Group 195 Weight (lbs.) ? Weight (Kg.)	

195 Accessories Flanges

Model / Tech. Data	Order No.	List Price								
M20x80 Bolt Kit	135-950	20.05								
Fits DN. 150 Includes two [2] washers & two [2] nuts. FORMERLY: D135950	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>?</td> </tr> <tr> <td>Weight (Kg.)</td> <td></td> </tr> </table>	Delivery Info	C	Product Group	195	Weight (lbs.)	?	Weight (Kg.)		
Delivery Info	C									
Product Group	195									
Weight (lbs.)	?									
Weight (Kg.)										
M20x90 Bolt Kit	135-960	29.41								
Fits DN. 200 Includes two [2] washers & two [2] nuts. FORMERLY: D135960	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>?</td> </tr> <tr> <td>Weight (Kg.)</td> <td></td> </tr> </table>	Delivery Info	C	Product Group	195	Weight (lbs.)	?	Weight (Kg.)		
Delivery Info	C									
Product Group	195									
Weight (lbs.)	?									
Weight (Kg.)										



Description

- Accessories and replacement parts for DUNGS gas pressure regulators and gas filters.

Harmonized Code: Various

Model / Tech. Data	Order No.	List Price								
FRG LOWFIRE BYPASS Adjustable low fire bypass that field mounts to either side of the 3/8" to 2" FRG/FRNG FORMERLY: D225256	225-256	92.62								
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.60</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.27</td> </tr> </table>		Delivery Info	A	Product Group	195	Weight (lbs.)	0.60	Weight (Kg.)	0.27	
Delivery Info	A									
Product Group	195									
Weight (lbs.)	0.60									
Weight (Kg.)	0.27									
FRG/FRNG AIR Impulse Line 1/4 G to 1/4" NPT Air impulse line adapter for FRG 705, 707, 710 FORMERLY: D231944	231-944	22.81								
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.20</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.09</td> </tr> </table>		Delivery Info	C	Product Group	195	Weight (lbs.)	0.20	Weight (Kg.)	0.09	
Delivery Info	C									
Product Group	195									
Weight (lbs.)	0.20									
Weight (Kg.)	0.09									
FRG/FRNG AIR Impulse Line 1/2 G to 1/2" NPT Air impulse line adapter for FRG 712, 715, 720, 725, 730 FORMERLY: D231945	231-945	24.21								
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.20</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.09</td> </tr> </table>		Delivery Info	C	Product Group	195	Weight (lbs.)	0.20	Weight (Kg.)	0.09	
Delivery Info	C									
Product Group	195									
Weight (lbs.)	0.20									
Weight (Kg.)	0.09									

195 Accessories Regulator / Gas & Air Filter

Model / Tech. Data	Order No.	List Price
<p>Spring #1, brown</p> <p>Formerly p/n D069112</p> <p>1" to 3.6" W.C. 2.5 to 9 mbar FRI 705/707; FRS 705/503/505</p> <p>FORMERLY: D229817</p>	229-817	30.68
<p>Delivery Info A</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #2, white</p> <p>Formerly p/n D069120</p> <p>2" to 5" W.C. 5 to 13 mbar FRI 705/707; FRS 705/503/505</p> <p>FORMERLY: D229818</p>	229-818	30.68
<p>Delivery Info A</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #3, orange</p> <p>Formerly p/n D069138</p> <p>2.8" to 8" W.C. 5 to 20 mbar FRI 705/707; FRS 705/503/505</p> <p>FORMERLY: D229820</p>	229-820	30.68
<p>Delivery Info A</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #4, blue (Standard)</p> <p>Formerly p/n D069146</p> <p>4" to 12" W.C. 10 to 30 mbar FRI 705/707; FRS 705/503/505</p> <p>FORMERLY: D229821</p>	229-821	30.68
<p>Delivery Info A</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #5, red</p> <p>Formerly p/n D069153</p> <p>10" to 22" W.C. 25 to 55 mbar FRI 705/707; FRS 705/503/505</p> <p>FORMERLY: D229822</p>	229-822	30.68
<p>Delivery Info A</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #6, yellow</p> <p>Formerly p/n D069161</p> <p>12" to 28" W.C. 30 to 70 mbar FRI 705/707; FRS 705/503/505</p> <p>FORMERLY: D229823</p>	229-823	30.68
<p>Delivery Info A</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #7, black</p> <p>Formerly p/n D069179</p> <p>24" to 40" W.C. 60 to 110 mbar FRI 705/707; FRS 705/503/505</p> <p>FORMERLY: D229824</p>	229-824	30.68
<p>Delivery Info A</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #8, pink</p> <p>Formerly p/n D069187</p> <p>40" to 60" W.C. 100 to 150 mbar FRI 705/707; FRS 705/503/505</p> <p>FORMERLY: D229825</p>	229-825	30.68
<p>Delivery Info A</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		

195 Accessories Regulator / Gas & Air Filter

Model / Tech. Data	Order No.	List Price
<p>Spring #9, gray</p> <p>Formerly p/n D228226</p> <p>56" to 80" W.C. 140 to 200 mbar FRI 705/707; FRS 705/503/505</p> <p>FORMERLY: D229826</p>	<p>229-826</p>	<p>55.44</p>
<p>Delivery Info B</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #1, brown</p> <p>Formerly p/n D069195</p> <p>1" to 3.6" W.C. 2.5 to 9 mbar FRS 707/507</p> <p>FORMERLY: D229833</p>	<p>229-833</p>	<p>30.68</p>
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #2, white</p> <p>Formerly p/n D069203</p> <p>2" to 5" W.C. 5 to 13 mbar FRS 707/507</p> <p>FORMERLY: D229834</p>	<p>229-834</p>	<p>30.68</p>
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #3, orange</p> <p>Formerly p/n D069211</p> <p>2.8" to 8" W.C. 5 to 20 mbar FRS 707/507</p> <p>FORMERLY: D229835</p>	<p>229-835</p>	<p>30.68</p>
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #4, blue (Standard)</p> <p>Formerly p/n D069229</p> <p>4" to 12" W.C. 10 to 30 mbar FRS 707/507</p> <p>FORMERLY: D229836</p>	<p>229-836</p>	<p>30.68</p>
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #5, red</p> <p>Formerly p/n D069237</p> <p>10" to 22" W.C. 25 to 55 mbar FRS 707/507</p> <p>FORMERLY: D229837</p>	<p>229-837</p>	<p>30.68</p>
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #6, yellow</p> <p>Formerly p/n D069245</p> <p>12" to 28" W.C. 30 to 70 mbar FRS 707/507</p> <p>FORMERLY: D229838</p>	<p>229-838</p>	<p>30.68</p>
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #7, black</p> <p>Formerly p/n D069252</p> <p>24" to 40" W.C. 60 to 110 mbar FRS 707/507</p> <p>FORMERLY: D229839</p>	<p>229-839</p>	<p>30.68</p>
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		

195 Accessories Regulator / Gas & Air Filter

Model / Tech. Data	Order No.	List Price
<p>Spring #8, pink</p> <p>Formerly p/n D069260</p> <p>40" to 60" W.C. 100 to 150 mbar FRS 707/507</p> <p>FORMERLY: D229840</p>	229-840	30.68
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #9, gray</p> <p>Formerly p/n D228227</p> <p>56" to 80" W.C. 140 to 200 mbar FRS 707/507</p> <p>FORMERLY: D229841</p>	229-841	55.44
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #1, brown</p> <p>Formerly p/n D069278</p> <p>1" to 3.6" W.C. 2.5 to 9 mbar FRI 710/712; FRS 710/510</p> <p>FORMERLY: D229842</p>	229-842	30.68
<p>Delivery Info A</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #2, white</p> <p>Formerly p/n D069286</p> <p>2" to 5" W.C. 5 to 13 mbar FRI 710/712; FRS 710/510</p> <p>FORMERLY: D229843</p>	229-843	30.68
<p>Delivery Info A</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #3, orange</p> <p>Formerly p/n D069294</p> <p>2.8" to 8" W.C. 5 to 20 mbar FRI 710/712; FRS 710/510</p> <p>FORMERLY: D229844</p>	229-844	30.68
<p>Delivery Info A</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #4, blue (Standard)</p> <p>Formerly p/n D069302</p> <p>4" to 12" W.C. 10 to 30 mbar FRI 710/712; FRS 710/510</p> <p>FORMERLY: D229845</p>	229-845	30.68
<p>Delivery Info A</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #5, red</p> <p>Formerly D069310</p> <p>10" to 22" W.C. 25 to 55 mbar FRI 710/712; FRS 710/510</p> <p>FORMERLY: D229846</p>	229-846	30.68
<p>Delivery Info A</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #6, yellow</p> <p>Formerly p/n D069328</p> <p>12" to 28" W.C. 30 to 70 mbar FRI 710/712; FRS 710/510</p> <p>FORMERLY: D229847</p>	229-847	30.68
<p>Delivery Info A</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		

195 Accessories Regulator / Gas & Air Filter

Model / Tech. Data	Order No.	List Price
<p>Spring #7, black</p> <p>Formerly p/n D069336</p> <p>24" to 40" W.C. 60 to 110 mbar FRI 710/712; FRS 710/510</p> <p>FORMERLY: D229848</p>	229-848	30.68
<p>Delivery Info A</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #8, pink</p> <p>Formerly p/n D069344</p> <p>40" to 60" W.C. 100 to 150 mbar FRI 710/712; FRS 710/510</p> <p>FORMERLY: D229849</p>	229-849	30.68
<p>Delivery Info A</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #9, gray</p> <p>Formerly p/n D223467</p> <p>56" to 80" W.C. 140 to 200 mbar FRI 710/712; FRS 710/510</p> <p>FORMERLY: D229850</p>	229-850	55.44
<p>Delivery Info A</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #1, brown</p> <p>Formerly p/n D058859</p> <p>1" to 3.6" W.C. 2.5 to 9 mbar FRS 712/715/515/5040</p> <p>FORMERLY: D229851</p>	229-851	30.68
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #2, white</p> <p>Formerly p/n D058867</p> <p>2" to 5" W.C. 5 to 13 mbar FRS 712/715/515/5040</p> <p>FORMERLY: D229852</p>	229-852	30.68
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #3, orange</p> <p>Formerly p/n D058875</p> <p>2.8" to 8" W.C. 5 to 20 mbar FRS 712/715/515/5040</p> <p>FORMERLY: D229853</p>	229-853	30.68
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #4, blue (Standard)</p> <p>Formerly p/n D058883</p> <p>4" to 12" W.C. 10 to 30 mbar FRS 712/715/515/5040</p> <p>FORMERLY: D229854</p>	229-854	30.68
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #5, red</p> <p>Formerly p/n D058891</p> <p>10" to 22" W.C. 25 to 55 mbar FRS 712/715/515/5040</p> <p>FORMERLY: D229869</p>	229-869	30.68
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		

195 Accessories Regulator / Gas & Air Filter

Model / Tech. Data	Order No.	List Price
<p>Spring #6, yellow</p> <p>Formerly p/n D058909</p> <p>12" to 28" W.C. 30 to 70 mbar FRS 712/715/515/5040</p> <p>FORMERLY: D229870</p>	<p>229-870</p> <p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>	30.68
<p>Spring #7, black</p> <p>Formerly p/n D058917</p> <p>24" to 40" W.C. 60 to 110 mbar FRS 712/715/515/5040</p> <p>FORMERLY: D229871</p>	<p>229-871</p> <p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>	30.68
<p>Spring #8, pink</p> <p>Formerly p/n D069351</p> <p>40" to 60" W.C. 100 to 150 mbar FRS 712/715/515/5040</p> <p>FORMERLY: D229872</p>	<p>229-872</p> <p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>	40.60
<p>Spring #9, gray</p> <p>Formerly p/n D228228</p> <p>56" to 80" W.C. 140 to 200 mbar FRS 712/715/515/5040</p> <p>FORMERLY: D229873</p>	<p>229-873</p> <p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>	76.98
<p>Spring #1, brown</p> <p>Formerly p/n D058925</p> <p>1" to 3.6" W.C. 2.5 to 9 mbar FRS 720/520/5050</p> <p>FORMERLY: D229874</p>	<p>229-874</p> <p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>	30.68
<p>Spring #2, white</p> <p>Formerly p/n D058933</p> <p>2" to 5" W.C. 5 to 13 mbar FRS 720/520/5050</p> <p>FORMERLY: D229875</p>	<p>229-875</p> <p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>	30.68
<p>Spring #3, orange</p> <p>Formerly p/n D058941</p> <p>2.8" to 8" W.C. 5 to 20 mbar FRS 720/520/5050</p> <p>FORMERLY: D229876</p>	<p>229-876</p> <p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>	30.68
<p>Spring #4, blue (Standard)</p> <p>Formerly p/n D058958</p> <p>4" to 12" W.C. 10 to 30 mbar FRS 720/520/5050</p> <p>FORMERLY: D229877</p>	<p>229-877</p> <p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>	30.68

195 Accessories Regulator / Gas & Air Filter

Model / Tech. Data	Order No.	List Price
<p>Spring #5, red</p> <p>Formerly p/n D058966</p> <p>10" to 22" W.C. 25 to 55 mbar FRS 720/520/5050</p> <p>FORMERLY: D229878</p>	229-878	30.68
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #6, yellow</p> <p>Formerly p/n D058974</p> <p>12" to 28" W.C. 30 to 70 mbar FRS 720/520/5050</p> <p>FORMERLY: D229879</p>	229-879	30.68
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #7, black</p> <p>Formerly p/n D058982</p> <p>24" to 40" W.C. 60 to 110 mbar FRS 720/520/5050</p> <p>FORMERLY: D229880</p>	229-880	30.68
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #8, pink</p> <p>Formerly p/n D069369</p> <p>40" to 60" W.C. 100 to 150 mbar FRS 720/520/5050</p> <p>FORMERLY: D229881</p>	229-881	40.60
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #9, gray</p> <p>Formerly p/n D228229</p> <p>56" to 80" W.C. 140 to 200 mbar FRS 720/520/5050</p> <p>FORMERLY: D229882</p>	229-882	85.90
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #1, brown</p> <p>Formerly p/n D058636</p> <p>1" to 3.6" W.C. 2.5 to 9 mbar FRS 725/730/525/5065/5080</p> <p>FORMERLY: D229883</p>	229-883	76.98
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #2, white</p> <p>Formerly p/n D058644</p> <p>2" to 5" W.C. 5 to 13 mbar FRS 725/730/525/5065/5080</p> <p>FORMERLY: D229884</p>	229-884	76.98
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #3, orange</p> <p>Formerly p/n D058651</p> <p>2.8" to 8" W.C. 5 to 20 mbar FRS 725/730/525/5065/5080</p> <p>FORMERLY: D229885</p>	229-885	76.98
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		

195 Accessories Regulator / Gas & Air Filter

Model / Tech. Data	Order No.	List Price
<p>Spring #4, blue (Standard)</p> <p>Formerly p/n D058669</p> <p>4" to 12" W.C. 10 to 30 mbar FRS 725/730/525/5065/5080</p> <p>FORMERLY: D229886</p>	229-886	76.98
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #5, red</p> <p>Formerly p/n D058677</p> <p>10" to 22" W.C. 25 to 55 mbar FRS 725/730/525/5065/5080</p> <p>FORMERLY: D229887</p>	229-887	76.98
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #6, yellow</p> <p>Formerly p/n D058685</p> <p>12" to 28" W.C. 30 to 70 mbar FRS 725/730/525/5065/5080</p> <p>FORMERLY: D229888</p>	229-888	76.98
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #7, black</p> <p>Formerly p/n D058693</p> <p>24" to 40" W.C. 60 to 110 mbar FRS 725/730/525/5065/5080</p> <p>FORMERLY: D229889</p>	229-889	76.98
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #8, pink</p> <p>Formerly p/n D058377</p> <p>40" to 60" W.C. 100 to 150 mbar FRS 725/730/525/5065/5080</p> <p>FORMERLY: D229890</p>	229-890	76.98
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #9, gray</p> <p>Formerly p/n D228230</p> <p>56" to 80" W.C. 140 to 200 mbar FRS 725/730/525/5065/5080</p> <p>FORMERLY: D229891</p>	229-891	156.78
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #1, brown</p> <p>Formerly p/n D083188</p> <p>1" to 3.6" W.C. 2.5 to 9 mbar FRS 5100</p> <p>FORMERLY: D229892</p>	229-892	76.98
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #2, white</p> <p>Formerly p/n D083196</p> <p>2" to 5" W.C. 5 to 13 mbar FRS 5100</p> <p>FORMERLY: D229893</p>	229-893	76.98
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		

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Model / Tech. Data	Order No.	List Price
<p>Spring #3, orange</p> <p>Formerly p/n D083204</p> <p>2.8" to 8" W.C. 5 to 20 mbar FRS 5100</p> <p>FORMERLY: D229894</p>	229-894	76.98
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #4, blue (Standard)</p> <p>Formerly p/n D083212</p> <p>4" to 12" W.C. 10 to 30 mbar FRS 5100</p> <p>FORMERLY: D229895</p>	229-895	76.98
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #5, red</p> <p>Formerly p/n D083220</p> <p>10" to 22" W.C. 25 to 55 mbar FRS 5100</p> <p>FORMERLY: D229896</p>	229-896	94.47
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #6, yellow</p> <p>Formerly p/n D083238</p> <p>12" to 28" W.C. 30 to 70 mbar FRS 5100</p> <p>FORMERLY: D229897</p>	229-897	107.77
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #7, black</p> <p>Formerly p/n D083246</p> <p>24" to 40" W.C. 60 to 110 mbar FRS 5100</p> <p>FORMERLY: D229898</p>	229-898	156.78
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #8, pink</p> <p>Formerly p/n D083253</p> <p>40" to 60" W.C. 100 to 150 mbar FRS 5100</p> <p>FORMERLY: D229899</p>	229-899	156.78
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #9, gray</p> <p>Formerly p/n D228231</p> <p>56" to 80" W.C. 140 to 200 mbar FRS 5100</p> <p>FORMERLY: D229900</p>	229-900	156.78
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #1, brown</p> <p>Formerly p/n D053082</p> <p>1" to 3.6" W.C. 2.5 to 9 mbar FRS 5125</p> <p>FORMERLY: D229901</p>	229-901	156.78
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		

195 Accessories Regulator / Gas & Air Filter

Model / Tech. Data	Order No.	List Price
<p>Spring #2, white</p> <p>Formerly p/n D053090</p> <p>2" to 5" W.C. 5 to 13 mbar FRS 5125</p> <p>FORMERLY: D229902</p>	229-902	156.78
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #3, orange</p> <p>Formerly p/n D053108</p> <p>2.8" to 8" W.C. 5 to 20 mbar FRS 5125</p> <p>FORMERLY: D229903</p>	229-903	156.78
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #4, blue (Standard)</p> <p>Formerly p/n D053116</p> <p>4" to 12" W.C. 10 to 30 mbar FRS 5125</p> <p>FORMERLY: D229904</p>	229-904	156.78
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #5, red</p> <p>Formerly p/n D053124</p> <p>10" to 22" W.C. 25 to 55 mbar FRS 5125</p> <p>FORMERLY: D229905</p>	229-905	156.78
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #6, yellow</p> <p>Formerly p/n D053132</p> <p>12" to 28" W.C. 30 to 70 mbar FRS 5125</p> <p>FORMERLY: D229906</p>	229-906	156.78
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #7, black</p> <p>Formerly p/n D053140</p> <p>24" to 40" W.C. 60 to 110 mbar FRS 5125</p> <p>FORMERLY: D229907</p>	229-907	156.78
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #8, pink</p> <p>Formerly p/n D223461</p> <p>40" to 60" W.C. 100 to 150 mbar FRS 5125</p> <p>FORMERLY: D229908</p>	229-908	212.37
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #9, gray</p> <p>Formerly p/n D243416</p> <p>56" to 80" W.C. 140 to 200 mbar FRS 5125</p> <p>FORMERLY: D243416</p>	243-416	612.84
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		

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Model / Tech. Data	Order No.	List Price
<p>Spring #1, brown</p> <p>Formerly p/n D053157</p> <p>1" to 3.6" W.C. 2.5 to 9 mbar FRS 5150</p> <p>FORMERLY: D229909</p>	229-909	156.78
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #2, white</p> <p>Formerly p/n D053165</p> <p>2" to 5" W.C. 5 to 13 mbar FRS 5150</p> <p>FORMERLY: D229910</p>	229-910	299.29
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #3, orange</p> <p>Formerly p/n D0531733</p> <p>2.8" to 8" W.C. 5 to 20 mbar FRS 5150</p> <p>FORMERLY: D229911</p>	229-911	299.29
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #4, blue (Standard)</p> <p>Formerly p/n D053181</p> <p>4" to 12" W.C. 10 to 30 mbar FRS 5150</p> <p>FORMERLY: D229912</p>	229-912	299.29
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #5, red</p> <p>Formerly p/n D053199</p> <p>10" to 22" W.C. 25 to 55 mbar FRS 5150</p> <p>FORMERLY: D229913</p>	229-913	299.29
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #6, yellow</p> <p>Formerly p/n D053207</p> <p>12" to 28" W.C. 30 to 70 mbar FRS 5150</p> <p>FORMERLY: D229914</p>	229-914	299.29
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #7, black</p> <p>Formerly p/n D053215</p> <p>24" to 40" W.C. 60 to 110 mbar FRS 5150</p> <p>FORMERLY: D229915</p>	229-915	299.29
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		
<p>Spring #8, pink</p> <p>Formerly p/n D223462</p> <p>40" to 60" W.C. 100 to 150 mbar FRS 5150</p> <p>FORMERLY: D229916</p>	229-916	356.32
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.50</p> <p>Weight (Kg.) 0.23</p>		

195 Accessories Regulator / Gas & Air Filter

Model / Tech. Data	Order No.	List Price								
Spring #9, gray 56" to 80" W.C. 140 to 200 mbar FRS 5150 FORMERLY: D243417	243-417	863.66								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.50</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.23</td> </tr> </table>		Delivery Info	NP	Product Group	195	Weight (lbs.)	0.50	Weight (Kg.)	0.23	
Delivery Info	NP									
Product Group	195									
Weight (lbs.)	0.50									
Weight (Kg.)	0.23									
FRS 5040 Repair kit Fits FRS 5040/215/515/715 body; Includes all internal hardware to rebuild the control. FORMERLY: D068924	068-924	184.65								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td></td> </tr> <tr> <td>Weight (Kg.)</td> <td></td> </tr> </table>		Delivery Info	NP	Product Group	195	Weight (lbs.)		Weight (Kg.)		
Delivery Info	NP									
Product Group	195									
Weight (lbs.)										
Weight (Kg.)										
FRS 5050 Repair kit Fits FRS 5050/220/520/720 body; Includes all internal hardware to rebuild the control. FORMERLY: D068932	068-932	230.32								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td></td> </tr> <tr> <td>Weight (Kg.)</td> <td></td> </tr> </table>		Delivery Info	NP	Product Group	195	Weight (lbs.)		Weight (Kg.)		
Delivery Info	NP									
Product Group	195									
Weight (lbs.)										
Weight (Kg.)										
FRS 5065 Repair kit Fits FRS 5065/225/525/725 body; Includes all internal hardware to rebuild the control. FORMERLY: D068940	068-940	529.25								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td></td> </tr> <tr> <td>Weight (Kg.)</td> <td></td> </tr> </table>		Delivery Info	NP	Product Group	195	Weight (lbs.)		Weight (Kg.)		
Delivery Info	NP									
Product Group	195									
Weight (lbs.)										
Weight (Kg.)										
FRS 5080 Repair kit Fits FRS 5080/230/730 body; Includes all internal hardware to rebuild the control. FORMERLY: D091868	091-868	762.86								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td></td> </tr> <tr> <td>Weight (Kg.)</td> <td></td> </tr> </table>		Delivery Info	NP	Product Group	195	Weight (lbs.)		Weight (Kg.)		
Delivery Info	NP									
Product Group	195									
Weight (lbs.)										
Weight (Kg.)										
FRS 5100 Repair kit Fits FRS 5100 body; Includes all internal hardware to rebuild the control. FORMERLY: D091876	091-876	1,038.53								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td></td> </tr> <tr> <td>Weight (Kg.)</td> <td></td> </tr> </table>		Delivery Info	NP	Product Group	195	Weight (lbs.)		Weight (Kg.)		
Delivery Info	NP									
Product Group	195									
Weight (lbs.)										
Weight (Kg.)										
FRS 5125 Repair kit Fits FRS 5125 body; Includes all internal hardware to rebuild the control. FORMERLY: D069005	069-005	1,547.86								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td></td> </tr> <tr> <td>Weight (Kg.)</td> <td></td> </tr> </table>		Delivery Info	NP	Product Group	195	Weight (lbs.)		Weight (Kg.)		
Delivery Info	NP									
Product Group	195									
Weight (lbs.)										
Weight (Kg.)										
FRS 5150 Repair kit Fits FRS 5150 body; Includes all internal hardware to rebuild the control. FORMERLY: D069013	069-013	2,205.22								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td></td> </tr> <tr> <td>Weight (Kg.)</td> <td></td> </tr> </table>		Delivery Info	NP	Product Group	195	Weight (lbs.)		Weight (Kg.)		
Delivery Info	NP									
Product Group	195									
Weight (lbs.)										
Weight (Kg.)										

195 Accessories Regulator / Gas & Air Filter

Model / Tech. Data	Order No.	List Price								
FRG/FRNG 5050 Repair kit Fits FRG/FRNG 5050 body; Includes all internal hardware to rebuild the control. FORMERLY: D229658	229-658	232.48								
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td></td> </tr> <tr> <td>Weight (Kg.)</td> <td></td> </tr> </table>		Delivery Info	NP	Product Group	195	Weight (lbs.)		Weight (Kg.)		
Delivery Info	NP									
Product Group	195									
Weight (lbs.)										
Weight (Kg.)										
FRG/FRNG 5065 Repair kit Fits FRG/FRNG 5065 body; Includes all internal hardware to rebuild the control. FORMERLY: D229659	229-659	582.37								
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td></td> </tr> <tr> <td>Weight (Kg.)</td> <td></td> </tr> </table>		Delivery Info	NP	Product Group	195	Weight (lbs.)		Weight (Kg.)		
Delivery Info	NP									
Product Group	195									
Weight (lbs.)										
Weight (Kg.)										
FRG/FRNG 5080 Repair kit Fits FRG/FRNG 5080 body; Includes all internal hardware to rebuild the control. FORMERLY: D229660	229-660	839.23								
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td></td> </tr> <tr> <td>Weight (Kg.)</td> <td></td> </tr> </table>		Delivery Info	NP	Product Group	195	Weight (lbs.)		Weight (Kg.)		
Delivery Info	NP									
Product Group	195									
Weight (lbs.)										
Weight (Kg.)										
FRG/FRNG 5100 Repair kit Fits FRG/FRNG 5100 body; Includes all internal hardware to rebuild the control. FORMERLY: D229661	229-661	1,142.63								
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td></td> </tr> <tr> <td>Weight (Kg.)</td> <td></td> </tr> </table>		Delivery Info	NP	Product Group	195	Weight (lbs.)		Weight (Kg.)		
Delivery Info	NP									
Product Group	195									
Weight (lbs.)										
Weight (Kg.)										
FRG/FRNG 5125 Repair kit Fits FRG/FRNG 5125 body; Includes all internal hardware to rebuild the control. FORMERLY: D229662	229-662	1,709.53								
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td></td> </tr> <tr> <td>Weight (Kg.)</td> <td></td> </tr> </table>		Delivery Info	NP	Product Group	195	Weight (lbs.)		Weight (Kg.)		
Delivery Info	NP									
Product Group	195									
Weight (lbs.)										
Weight (Kg.)										
FRG/FRNG 5150 Repair kit Fits FRG/FRNG 5150 body; Includes all internal hardware to rebuild the control. FORMERLY: D229663	229-663	2,373.83								
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td></td> </tr> <tr> <td>Weight (Kg.)</td> <td></td> </tr> </table>		Delivery Info	NP	Product Group	195	Weight (lbs.)		Weight (Kg.)		
Delivery Info	NP									
Product Group	195									
Weight (lbs.)										
Weight (Kg.)										
FRI 705/707 Replacement filter 50 micron Fits FRI 705/707 body Replaced by 230-440 FORMERLY: D214276	214-276	PRICE ON REQUEST								
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;">Delivery Info</td> <td>O</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.10</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.05</td> </tr> </table>		Delivery Info	O	Product Group	195	Weight (lbs.)	0.10	Weight (Kg.)	0.05	
Delivery Info	O									
Product Group	195									
Weight (lbs.)	0.10									
Weight (Kg.)	0.05									
FRI 710/712 Replacement filter 50 micron Fits FRI 710/712 body Replaced by 230-441 FORMERLY: D214525	214-525	PRICE ON REQUEST								
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;">Delivery Info</td> <td>O</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.10</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.05</td> </tr> </table>		Delivery Info	O	Product Group	195	Weight (lbs.)	0.10	Weight (Kg.)	0.05	
Delivery Info	O									
Product Group	195									
Weight (lbs.)	0.10									
Weight (Kg.)	0.05									

195 Accessories Regulator / Gas & Air Filter

Model / Tech. Data	Order No.	List Price
FRI Replacement Filter/Strainer 23 mesh strainer 50 micron filter Fits FRI 705 and 707 body Fits DMV 701 FORMERLY: D230440	230-440	22.18
Delivery Info B Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05		
FRI Replacement Filter/Strainer 23 mesh strainer 50 micron filter Fits FRI 710 and 712 body Fits DMV 702 703 FORMERLY: D230441	230-441	22.18
Delivery Info B Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05		
GF 505/507 Replacement filter 50 micron Fits GF 505/507 body FORMERLY: D222687	222-687	40.37
Delivery Info B Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05		
GF 510/515 Replacement filter 50 Micron Fits GF 510/515 filter body FORMERLY: D222688	222-688	43.72
Delivery Info B Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05		
GF 520 Replacement filter 50 Micron Fits GF 520 filter body FORMERLY: D222689	222-689	59.27
Delivery Info B Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05		
GF 40040/3 Replacement filter 50 Micron Fits GF 40040/3 filter body FORMERLY: D222691	222-691	PRICE ON REQUEST
Delivery Info NP Product Group 195 Weight (lbs.) 0.20 Weight (Kg.) 0.09		
GF 40050/3 Replacement filter 50 Micron Fits GF 40050/3 filter body FORMERLY: D222692	222-692	PRICE ON REQUEST
Delivery Info NP Product Group 195 Weight (lbs.) 0.20 Weight (Kg.) 0.09		
GF 40065/3 Replacement filter 50 Micron Fits GF 40065/3 filter body FORMERLY: D222693	222-693	PRICE ON REQUEST
Delivery Info NP Product Group 195 Weight (lbs.) 0.20 Weight (Kg.) 0.09		

195 Accessories Regulator / Gas & Air Filter

Model / Tech. Data	Order No.	List Price
<p>GF 40080/3 Replacement filter 222-694</p>		
50 Micron Fits GF 40080/3 filter body FORMERLY: D222694	Delivery Info NP Product Group 195 Weight (lbs.) 0.20 Weight (Kg.) 0.09	PRICE ON REQUEST
<p>GF 40100/3 Replacement filter 222-695</p>		
50 Micron Fits GF 40100/3 filter body FORMERLY: D222695	Delivery Info NP Product Group 195 Weight (lbs.) 0.20 Weight (Kg.) 0.09	PRICE ON REQUEST
<p>GF 40125 Replacement filter 222-696</p>		
50 Micron Fits GF 40125 filter body FORMERLY: D222696	Delivery Info NP Product Group 195 Weight (lbs.) 0.50 Weight (Kg.) 0.23	PRICE ON REQUEST
<p>GF 40150 Replacement filter 222-697</p>		
50 Micron Fits GF 40150 filter body FORMERLY: D222697	Delivery Info NP Product Group 195 Weight (lbs.) 0.70 Weight (Kg.) 0.32	PRICE ON REQUEST
<p>VF-Filter Media Replacement 238-653</p>		
50 micron Fits VF pre-mount filter (232-440) FORMERLY: D238653	Delivery Info NP Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05	PRICE ON REQUEST
<p>VF-Filter Media Replacement 226-997</p>		
50 micron Fits VF pre-mount filter (226-342) FORMERLY: D226997	Delivery Info NP Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05	PRICE ON REQUEST
<p>VZF Replacement Filter Element 229-361</p>		
Standard replacement filter Fits VZF DN. 80 filter (227-156), 99.5% filtration of 2 micron particles FORMERLY: D229361	Delivery Info NP Product Group 195 Weight (lbs.) 2.00 Weight (Kg.) 0.91	PRICE ON REQUEST
<p>VZF Replacement Filter Element 229-360</p>		
Standard replacement filter Fits VZF DN. 100 filter (TBD), 99.5% filtration of 2 micron particles FORMERLY: D229360	Delivery Info NP Product Group 195 Weight (lbs.) 2.20 Weight (Kg.) 1.00	PRICE ON REQUEST

Model / Tech. Data	Order No.	List Price
VZF Replacement Filter Element 229-359		
Standard replacement filter	Delivery Info NP	PRICE ON REQUEST
Fits VZF DN. 150 filter (227-158), 99.5% filtration of 2 micron particles	Product Group 195	
FORMERLY: D229359	Weight (lbs.) 4.05	
	Weight (Kg.) 1.84	
VZF Replacement O-Ring Set 229-356		
Standard replacement O-ring	Delivery Info NP	PRICE ON REQUEST
Fits VZF DN. 80 filter (227-156)	Product Group 195	
FORMERLY: D229356	Weight (lbs.) 0.10	
	Weight (Kg.) 0.05	
VZF Replacement O-Ring Set 229-355		
Standard replacement O-ring	Delivery Info NP	PRICE ON REQUEST
Fits VZF DN. 100 filter (TBD)	Product Group 195	
FORMERLY: D229355	Weight (lbs.) 0.10	
	Weight (Kg.) 0.05	
VZF Replacement O-Ring Set 229-354		
Standard replacement O-ring	Delivery Info NP	PRICE ON REQUEST
Fits VZF DN. 150 filter (227-158)	Product Group 195	
FORMERLY: D229354	Weight (lbs.) 0.10	
	Weight (Kg.) 0.05	
VZF Replacement filter element TBD		
Stainless steel replacement filter-For bio-gas applications	Delivery Info NP	PRICE ON REQUEST
Fits VZF DN. 80 filter (227-156), 99.5% filtration of 2 micron particles	Product Group 195	
	Weight (lbs.) 2.00	
	Weight (Kg.) 0.91	
VZF Replacement filter element TBD		
Stainless steel replacement filter-For bio-gas applications	Delivery Info NP	PRICE ON REQUEST
Fits VZF DN. 100 filter (TBD), 99.5% filtration of 2 micron particles	Product Group 195	
	Weight (lbs.) 2.20	
	Weight (Kg.) 1.00	
VZF Replacement filter element 244-540		
Stainless steel replacement filter-For bio-gas applications	Delivery Info NP	PRICE ON REQUEST
Fits VZF DN. 150 filter (227-158), 99.5% filtration of 2 micron particles	Product Group 195	
FORMERLY: D244540	Weight (lbs.) 4.05	
	Weight (Kg.) 1.84	



Description

- Accessories and replacement parts for DUNGS gas and air switches.

Harmonized Code: Various

Model / Tech. Data	Order No.	List Price
<p>A2 Pressure switch mounting kit 226-188 7.13</p>		
<p>For A2 gas pressure switches to modular components</p> <p>FORMERLY: D226188</p>	<p>Delivery Info A</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.10</p> <p>Weight (Kg.) 0.05</p>	
<p>DIN Connector For A2/A4/A5/A6 210-318 10.37</p>		
<p>4 Pins, gray</p> <p>FORMERLY: D210318</p>	<p>Delivery Info A</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.20</p> <p>Weight (Kg.) 0.09</p>	
<p>Cover for AA-A1-X 217-045 3.28</p>		
<p>Contact protection</p> <p>FORMERLY: 46000-1</p>	<p>Delivery Info C</p> <p>Product Group 195</p> <p>Weight (lbs.) 0.10</p> <p>Weight (Kg.) 0.05</p>	

195 Accessories Pressure Switch

Model / Tech. Data		Order No.	List Price
Cover for AA-A1-X		217-046	3.28
Dust Protection FORMERLY: 46000-2	Delivery Info C Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05		
Cover for AA-A1-X		225-816	18.34
Splash protection FORMERLY: 46000-3	Delivery Info C Product Group 195 Weight (lbs.) 0.20 Weight (Kg.) 0.09		
Cover for AA-C2		228-731	6.59
Formerly D225798 NEMA Type 4 FORMERLY: D228731	Delivery Info NP Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05		
CPI 400 Cover		240-837	16.45
NEMA Type 4 FORMERLY: D240837	Delivery Info B Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05		
Cover for pressure switch		233-113	10.54
Cover for manual reset pressure switch GMH/GML A2/A4 NEMA Type 4 FORMERLY: D233113	Delivery Info B Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05		
Cover for pressure switch		228-732	10.54
Cover for automatic reset pressure switch GAO A2/A4 NEMA Type 4 FORMERLY: D228732	Delivery Info B Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05		
Neon Light 120 Vac		229-338	8.23
Red and Green Light Replacement light for CPI 400 FORMERLY: D229338	Delivery Info B Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05		
Neon Light 24 Vac		248-183	26.25
Red and Green Light Replacement light for CPI 400 FORMERLY: D248183	Delivery Info B Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05		

195 Accessories Pressure Switch

Model / Tech. Data	Order No.	List Price
Neon Light 120 Vac 244-156		8.23
Red Shaft, Orange Light; GAO, GMH, GML FORMERLY: D244156	Delivery Info B Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
Neon Light 220 Vac 209-319		PRICE ON REQUEST
Black Shaft, Orange Light; GW, UB, NB Replaced by 231-773 FORMERLY: D209319	Delivery Info O Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
Neon Light 220 Vac 149-980		PRICE ON REQUEST
Green Shaft, Orange Light; GW, UB, NB Replaced by 231-773 FORMERLY: D149980	Delivery Info O Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
Neon Light 220 Vac 231-773		9.41
Green Shaft, Orange Light; GW, UB, NB FORMERLY: D149980	Delivery Info NP Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
Neon Light Vdc / 24 Vac 244-157		10.89
Clear Shaft, Orange Light; GAO, GML, GMH FORMERLY: D244157	Delivery Info B Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
Neon Light 24 Vdc 231-774		15.32
Clear Shaft, Orange Light, Mounting set, AA and LGW Air Switch FORMERLY: D231774	Delivery Info B Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
Neon Light 120 Vac 231-772		12.77
Red Shaft, Orange Light, Mounting set, AA and LGW Air Switch FORMERLY: D231772	Delivery Info B Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
G 1/8 Straight Adapter 083-386		4.12
G 1/8 Thread to barb adapter FORMERLY: D083386	Delivery Info C Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05	

195 Accessories Pressure Switch

Model / Tech. Data	Order No.	List Price
G 1/8 Thread to barb adapter 90 083-402		3.28
G 1/8 Thread to barb adapter 90 deg FORMERLY: D083402	Delivery Info C Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
G 1/4 Thread to barb adapter 90 083-410		4.12
G 1/4 Thread to barb adapter 90 deg FORMERLY: D083410	Delivery Info C Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
Side-by-Side Mount Kit 213-910		8.23
Allows high/low switches to be mounted side by side while using one pressure source FORMERLY: 46000	Delivery Info B Product Group 195 Weight (lbs.) 0.60 Weight (Kg.) 0.27	
Air Duct Mount Kit 217-897		16.48
Includes rubber hose and accessories to mount pressure sensing ports to ducting. (Klima Set) FORMERLY: 46000-5	Delivery Info B Product Group 195 Weight (lbs.) 0.60 Weight (Kg.) 0.27	
Metal pressure switch bracket 230-289		14.71
Fits AA-A2; AA FORMERLY: D230289	Delivery Info B Product Group 195 Weight (lbs.) 0.60 Weight (Kg.) 0.27	
Plastic pressure switch bracket 230-301		4.68
Fits AA-A2; AA	Delivery Info B Product Group 195 Weight (lbs.) 0.60 Weight (Kg.) 0.27	
LGW test button 224-940		7.42
LGW test button Used to simulate pressure loss in the field (Air only) FORMERLY: D224940	Delivery Info B Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
Strain Relief for AA-A1 217-102		3.28
1/2" NPT Includes clear NEMA Type 12 cover FORMERLY: 46000-4	Delivery Info B Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05	

195 Accessories Pressure Switch

Model / Tech. Data	Order No.	List Price		
Strain Relief for pressure switches 50002 PG 11 Used for strain relief with SO cord.		3.28		
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;"></td> <td> Delivery Info O Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05 </td> </tr> </table>			Delivery Info O Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
	Delivery Info O Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05			
Strain Relief for DIN Connector 50002-1 M2O Fits: DMV DIN Connector CE Approved Pressure Switches		3.28		
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;"></td> <td> Delivery Info O Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05 </td> </tr> </table>			Delivery Info O Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
	Delivery Info O Product Group 195 Weight (lbs.) 0.10 Weight (Kg.) 0.05			
Plug for GW/GAO 219-659 3 pin plus ground male connector used with 210-318 (DIN connector for pressure switches); Automatic reset FORMERLY: D219659		20.21		
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;"></td> <td> Delivery Info B Product Group 195 Weight (lbs.) 0.20 Weight (Kg.) 0.09 </td> </tr> </table>			Delivery Info B Product Group 195 Weight (lbs.) 0.20 Weight (Kg.) 0.09	
	Delivery Info B Product Group 195 Weight (lbs.) 0.20 Weight (Kg.) 0.09			
Plug for UB/NB/GMH/GML 227-644 3 pin plus ground male connector used with 210-318 (DIN connector for pressure switches); Manual reset FORMERLY: D227644		26.81		
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;"></td> <td> Delivery Info B Product Group 195 Weight (lbs.) 0.20 Weight (Kg.) 0.09 </td> </tr> </table>			Delivery Info B Product Group 195 Weight (lbs.) 0.20 Weight (Kg.) 0.09	
	Delivery Info B Product Group 195 Weight (lbs.) 0.20 Weight (Kg.) 0.09			



Description
Replacement Coils



Harmonized Code:

Specifications

Contact technical support for product specific details

Model / Tech. Data	Order No.	List Price
<p>Mag. Type 100</p> <p>120 Vac; NEMA Type 12</p> <p>Fits: MVD 505/6; MVDLE 205/6</p> <p>PRODUCTION #: 216-963</p> <p>FORMERLY: D230983</p>	230-983	184.76
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 1.10</p> <p>Weight (Kg.) 0.50</p>		
<p>Mag. Type 200</p> <p>120 Vac; NEMA Type 12</p> <p>Fits: MVD 507/6; MVD 510/6; MVDLE 207/6; 210/6</p> <p>PRODUCTION #: 216-965</p> <p>FORMERLY: D230986</p>	230-986	288.51
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 3.10</p> <p>Weight (Kg.) 1.41</p>		
<p>Mag. Type 300</p> <p>120 Vac; NEMA Type 12</p> <p>Fits: MVD 512/6; 515/6; MVDLE 212/6; 215/6; 220/6</p> <p>PRODUCTION #: 216-967</p> <p>FORMERLY: D230989</p>	230-989	353.64
<p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.) 6.60</p> <p>Weight (Kg.) 3.00</p>		

195 Accessories Replacement Coils

Model / Tech. Data	Order No.	List Price
Mag. Type 400	230-991	708.77
120 Vac; NEMA Type 12 Fits: MVD 520/6; MVDLE 225/6 PRODUCTION #: 216-968 FORMERLY: D230991	Delivery Info NP Product Group 195 Weight (lbs.) 14.10 Weight (Kg.) 6.40	
Mag. Type 500	230-992	835.56
120 Vac; NEMA Type 12 Fits: MVD 525/6; MVDLE 230/6 PRODUCTION #: 216-969 FORMERLY: D230992	Delivery Info NP Product Group 195 Weight (lbs.) 18.20 Weight (Kg.) 8.26	
Mag. Type 550	230-993	924.00
120 Vac; NEMA Type 12 Fits: MVD 530/6 PRODUCTION #: 216-970 FORMERLY: D230993	Delivery Info NP Product Group 195 Weight (lbs.) 32.50 Weight (Kg.) 14.76	
Mag. Type 100	214-206	184.76
230 Vac; IP 54 Fits: MVD 505/5; MVD 503/5; MVDLE 503/5; LGV 507/5 PRODUCTION #: 213-793 FORMERLY: D214206	Delivery Info NP Product Group 195 Weight (lbs.) 1.10 Weight (Kg.) 0.50	
Mag. Type 200	214-207	288.51
230 Vac; IP 54 Fits: MVD 507/5; MVDLE 507/5; MVD 510/5 PRODUCTION #: 213-795 FORMERLY: D214207	Delivery Info NP Product Group 195 Weight (lbs.) 3.10 Weight (Kg.) 1.41	
Mag. Type 300	214-208	323.94
230 Vac; IP 54 Fits: MVD 515/5; MVDLE 515/5 PRODUCTION #: 213-797 FORMERLY: D214208	Delivery Info NP Product Group 195 Weight (lbs.) 6.60 Weight (Kg.) 3.00	
Mag. Type 400	214-209	399.54
230 Vac; IP 54 Fits: MVD 520/5; MVDLE 520/5 PRODUCTION #: 213-798 FORMERLY: D214209	Delivery Info NP Product Group 195 Weight (lbs.) 14.10 Weight (Kg.) 6.40	
Mag. Type 500	214-210	835.56
230 Vac; IP 54 Fits: MVD 525/5 PRODUCTION #: 213-799 FORMERLY: D214210	Delivery Info NP Product Group 195 Weight (lbs.) 18.20 Weight (Kg.) 8.26	

195 Accessories Replacement Coils

Model / Tech. Data	Order No.	List Price
Mag. Type 100 240-310		177.65
24 Vac; NEMA Type 12 Fits: MVD 505/6; MVDLE 205/6 PRODUCTION #: 217-390	Delivery Info NP Product Group 195 Weight (lbs.) 1.10 Weight (Kg.) 0.50	
Mag. Type 200 240-311		277.41
24 Vac; NEMA Type 12 Fits: MVD 507/6; MVD 510/6; MVDLE 207/6; 210/6 PRODUCTION #: 217-391	Delivery Info NP Product Group 195 Weight (lbs.) 3.10 Weight (Kg.) 1.41	
Mag. Type 20 246-502		346.86
120 Vac; NEMA Type 4x Fits: SV 1005/6x4; SV 1007/6x4; SV-DLE 1005/6x4; SV-DLE 1007/6x4 PRODUCTION #: 242-502 FORMERLY: D246502	Delivery Info NP Product Group 195 Weight (lbs.) 1.60 Weight (Kg.) 0.73	
Mag. Type 30 246-503		402.07
120 Vac; NEMA Type 4x Fits: SV 1010/6x4; SV 1012/6x4; SV-DLE 1010/6x4; SV-DLE 1012/6x4 PRODUCTION #: 242-503 FORMERLY: D246503	Delivery Info NP Product Group 195 Weight (lbs.) 4.10 Weight (Kg.) 1.86	
Mag. Type 40 246-504		441.20
120 Vac; NEMA Type 4x Fits: SV 1015/6x4; SV 1020/6x4; SV-DLE 1015/6x4; SV-DLE 1020/6x4 PRODUCTION #: 242-504 FORMERLY: D246504	Delivery Info NP Product Group 195 Weight (lbs.) 7.40 Weight (Kg.) 3.36	
Mag. Type 1111 232-401		580.11
120 Vac; NEMA Type 12 Fits: DMV 701/6x2; DMV-DLE 701/6x2; DMV-ZRD(LE) 701/6x2 PRODUCTION #: 224-919 FORMERLY: D232401	Delivery Info NP Product Group 195 Weight (lbs.) 1.80 Weight (Kg.) 0.82	
Mag. Type 1211 232-402		690.62
120 Vac; NEMA Type 12 Fits: DMV 702; DMV-DLE 702; DMV-ZRD(LE) 702/6x2 PRODUCTION #: 224-909 FORMERLY: D232402	Delivery Info NP Product Group 195 Weight (lbs.) 3.80 Weight (Kg.) 1.73	
Mag. Type 1212 232-403		782.66
120 Vac; NEMA Type 12 Fits: DMV 703/6x2; DMV-DLE 703/6x2; DMV-ZRD(LE) 703/6x2 PRODUCTION #: 224-910 FORMERLY: D232403	Delivery Info NP Product Group 195 Weight (lbs.) 5.76 Weight (Kg.) 2.61	

195 Accessories Replacement Coils

Model / Tech. Data	Order No.	List Price
Mag. Type 1111 24 Vdc; NEMA Type 12 Fits: DMV 701/6x2; DMV-DLE 701/6x2 PRODUCTION #: 225-309 FORMERLY: D238829	238-829	580.11
Delivery Info NP Product Group 195 Weight (lbs.) 1.80 Weight (Kg.) 0.82		
Mag. Type 1211 24 Vdc; NEMA Type 12 Fits: DMV 702/6x2; DMV-DLE 702/6x2; PRODUCTION #: 225-312 FORMERLY: D238826	238-826	690.62
Delivery Info NP Product Group 195 Weight (lbs.) 3.80 Weight (Kg.) 1.73		
Mag. Type 1212 24 Vdc; NEMA Type 12 Fits: DMV 703/6x2; DMV-DLE 703/6x2 PRODUCTION #: 225-314 FORMERLY: D238823	238-823	782.66
Delivery Info NP Product Group 195 Weight (lbs.) 5.70 Weight (Kg.) 2.59		
Mag. Type 1111 24 Vac; NEMA Type 12 Fits: DMV 701/6x2; DMV-DLE 701/6x2 PRODUCTION #: 228-555 FORMERLY: D238554	238-554	580.10
Delivery Info NP Product Group 195 Weight (lbs.) 1.80 Weight (Kg.) 0.82		
Mag. Type 1211 24 Vac; NEMA Type 12 Fits: DMV 702/6x2; DMV-DLE 702/6x2 PRODUCTION #: 228-556 FORMERLY: D238825	238-825	690.62
Delivery Info NP Product Group 195 Weight (lbs.) 3.80 Weight (Kg.) 1.73		
Mag. Type 1212 24 Vac; NEMA Type 12 Fits: DMV 703/6x2; DMV-DLE 703/6x2 PRODUCTION #: 228-557 FORMERLY: D238822	238-822	782.66
Delivery Info NP Product Group 195 Weight (lbs.) 5.70 Weight (Kg.) 2.59		
Mag. Type 151 120 Vac; NEMA Type 4x Fits: DMV 702/6x4; DMV-DLE 702/6x4; Price is for one coil only. To replace both coils order 2 pieces! PRODUCTION #: 240-604 FORMERLY: D246515	246-515	382.21
Delivery Info NP Product Group 195 Weight (lbs.) 1.50 Weight (Kg.) 0.68		
Mag. Type 152 120 Vac; NEMA Type 4x Fits: DMV 703/6x4; DMV-DLE 703/6x4; Price is for one coil only. To replace both coils order 2 pieces! PRODUCTION #: 241-439 FORMERLY: D246516	246-516	424.88
Delivery Info NP Product Group 195 Weight (lbs.) 2.60 Weight (Kg.) 1.18		

195 Accessories Replacement Coils

Model / Tech. Data	Order No.	List Price
Mag. Type 201 246-517		517.06
120 Vac; NEMA Type 4x Fits: DMV 704/6x4; DMV-DLE 704/6x4; Price is for one coil only. To replace both coils order 2 pieces! PRODUCTION #: 241-626 FORMERLY: D246517	Delivery Info NP Product Group 195 Weight (lbs.) 5.10 Weight (Kg.) 2.32	
Mag. Type 1111 225-003		579.06
24 Vdc; IP 54 Fits: DMV 507/11; DMV-DLE 507/11 PRODUCTION #: 220-836 FORMERLY: D225003	Delivery Info NP Product Group 195 Weight (lbs.) 1.80 Weight (Kg.) 0.82	
Mag. Type 1211 225-028		700.54
24 Vdc; IP 54 Fits: DMV 512/11; DMV-DLE 512/11 PRODUCTION #: 220-840 FORMERLY: D225028	Delivery Info NP Product Group 195 Weight (lbs.) 3.80 Weight (Kg.) 1.73	
Mag. Type 1212 225-051		953.00
24 Vdc; IP 54 Fits: DMV 520/11; DMV-DLE 520/11 DMV 5040; DMV-DLE 5040; DMV 5050; DMV-DLE 5050 PRODUCTION #: 222-799 FORMERLY: D225051	Delivery Info NP Product Group 195 Weight (lbs.) 5.70 Weight (Kg.) 2.59	
Mag. Type 1111 225-001		579.06
110 Vac; IP 54 Fits: DMV 507/11; DMV-DLE 507/11 PRODUCTION #: 220-834 FORMERLY: D225001	Delivery Info NP Product Group 195 Weight (lbs.) 1.80 Weight (Kg.) 0.82	
Mag. Type 1211 225-005		700.54
110 Vac; IP 54 Fits: DMV 512/11; DMV-DLE 512/11 PRODUCTION #: 220-838 FORMERLY: D225005	Delivery Info NP Product Group 195 Weight (lbs.) 3.80 Weight (Kg.) 1.73	
Mag. Type 1212 225-049		953.00
110 Vac; IP 54 Fits: DMV 520/11; DMV-DLE 520/11 DMV 5040; DMV-DLE 5040; DMV 5050; DMV-DLE 5050 PRODUCTION #: 222-797 FORMERLY: D225049	Delivery Info NP Product Group 195 Weight (lbs.) 5.70 Weight (Kg.) 2.59	
Mag. Type 1111 225-000		579.06
220 Vac; IP 54 Fits: DMV 507/11; DMV-DLE 507/11 PRODUCTION #: 216-903 FORMERLY: D225000	Delivery Info NP Product Group 195 Weight (lbs.) 1.80 Weight (Kg.) 0.82	

195 Accessories Replacement Coils

Model / Tech. Data	Order No.	List Price
Mag. Type 1211 225-004		700.54
220 Vac; IP 54 Fits: DMV 512/11; DMV-DLE 512/11 PRODUCTION #: 216-904 FORMERLY: D225004	Delivery Info NP Product Group 195 Weight (lbs.) 3.80 Weight (Kg.) 1.73	
Mag. Type 1212 225-048		953.00
230 Vac; IP 54 Fits: DMV520/11; DMV-DLE 520/11 DMV 5040; DMV-DLE 5040; DMV 5050; DMV-DLE 5050 PRODUCTION #: 221-887 FORMERLY: D225048	Delivery Info NP Product Group 195 Weight (lbs.) 5.70 Weight (Kg.) 2.59	
Mag. Type 1411 225-168		1,096.77
110/120 Vac; NEMA Type 12; IP 54 Fits: DMV 525; DMV-DLE 525; DMV 5065; DMV-DLE 5065 PRODUCTION #: 217-403 FORMERLY: D225168	Delivery Info NP Product Group 195 Weight (lbs.) 10.50 Weight (Kg.) 4.77	
Mag. Type 1511 225-217		2,145.62
110 Vac; IP 54 Fits: DMV 5080; DMV-DLE 5080 PRODUCTION #: 217-513 FORMERLY: D225217	Delivery Info NP Product Group 195 Weight (lbs.) 17.20 Weight (Kg.) 7.81	
Mag. Type 1611 225-222		2,864.78
110 Vac; IP 54 Fits: DMV 5100; DMV-DLE 5100 PRODUCTION #: 220-509 FORMERLY: D225222	Delivery Info NP Product Group 195 Weight (lbs.) 22.10 Weight (Kg.) 10.03	
Mag. Type 1711 225-226		4,384.47
110 Vac; IP 54 Fits: DMV 5125; DMV-DLE 5125 PRODUCTION #: 221-504 FORMERLY: D225226	Delivery Info NP Product Group 195 Weight (lbs.) 36.60 Weight (Kg.) 16.62	
Mag. Type 1411 225-167		1,096.77
230 Vac NEMA Type 12; IP 54 Fits: DMV 525; DMV-DLE 525; DMV 5065; DMV-DLE 5065 PRODUCTION #: 215-492 FORMERLY: D225167	Delivery Info NP Product Group 195 Weight (lbs.) 10.50 Weight (Kg.) 4.77	
Mag. Type 1511 225-171		2,145.62
230 Vac; IP 54 Fits: DMV 5080; DMV-DLE 5080 PRODUCTION #: 216-034 FORMERLY: D225171	Delivery Info NP Product Group 195 Weight (lbs.) 17.20 Weight (Kg.) 7.81	

195 Accessories Replacement Coils

Model / Tech. Data	Order No.	List Price								
Mag. Type 1611 230 Vac; IP 54 Fits: DMV 5100; DMV-DLE 5100 PRODUCTION #: 216-941 FORMERLY: D225220	225-220	2,864.78								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>22.10</td> </tr> <tr> <td>Weight (Kg.)</td> <td>10.03</td> </tr> </table>		Delivery Info	NP	Product Group	195	Weight (lbs.)	22.10	Weight (Kg.)	10.03	
Delivery Info	NP									
Product Group	195									
Weight (lbs.)	22.10									
Weight (Kg.)	10.03									
Mag. Type 1711 230 Vac; IP 54 Fits: DMV 5125; DMV-DLE 5125 PRODUCTION #: 216-942 FORMERLY: D225225	225-225	4,384.47								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>36.60</td> </tr> <tr> <td>Weight (Kg.)</td> <td>16.62</td> </tr> </table>		Delivery Info	NP	Product Group	195	Weight (lbs.)	36.60	Weight (Kg.)	16.62	
Delivery Info	NP									
Product Group	195									
Weight (lbs.)	36.60									
Weight (Kg.)	16.62									
Mag. Type 1411 24 Vdc; NEMA Type 12; IP 54 Fits: DMV 525; DMV-DLE 525; DMV 5065; DMV-DLE 5065 PRODUCTION #: 218-999 FORMERLY: D225170	225-170	1,096.77								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>10.50</td> </tr> <tr> <td>Weight (Kg.)</td> <td>4.77</td> </tr> </table>		Delivery Info	NP	Product Group	195	Weight (lbs.)	10.50	Weight (Kg.)	4.77	
Delivery Info	NP									
Product Group	195									
Weight (lbs.)	10.50									
Weight (Kg.)	4.77									
Mag. Type 1511 24 Vdc; IP 54 Fits: DMV 5080; DMV-DLE 5080 PRODUCTION #: 219-755 FORMERLY: D225219	225-219	2,145.62								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>17.20</td> </tr> <tr> <td>Weight (Kg.)</td> <td>7.81</td> </tr> </table>		Delivery Info	NP	Product Group	195	Weight (lbs.)	17.20	Weight (Kg.)	7.81	
Delivery Info	NP									
Product Group	195									
Weight (lbs.)	17.20									
Weight (Kg.)	7.81									
Mag. Type 1611 24 Vdc; IP 54 Fits: DMV 5100; DMV-DLE 5100 PRODUCTION #: 220-508 FORMERLY: D225224	225-224	2,864.78								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>22.10</td> </tr> <tr> <td>Weight (Kg.)</td> <td>10.03</td> </tr> </table>		Delivery Info	NP	Product Group	195	Weight (lbs.)	22.10	Weight (Kg.)	10.03	
Delivery Info	NP									
Product Group	195									
Weight (lbs.)	22.10									
Weight (Kg.)	10.03									
Mag. Type 1711 24 Vdc; IP 54 Fits: DMV 5125; DMV-DLE 5125 PRODUCTION #: 221-506 FORMERLY: D225228	225-228	4,384.47								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td>36.60</td> </tr> <tr> <td>Weight (Kg.)</td> <td>16.62</td> </tr> </table>		Delivery Info	NP	Product Group	195	Weight (lbs.)	36.60	Weight (Kg.)	16.62	
Delivery Info	NP									
Product Group	195									
Weight (lbs.)	36.60									
Weight (Kg.)	16.62									
Mag. Type 1150 120 Vac; NEMA Type 12 Fits: DMV ZRD/LE 701/507 Valve 2 Coil 2	251-680	PRICE ON REQUEST								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td></td> </tr> <tr> <td>Weight (Kg.)</td> <td></td> </tr> </table>		Delivery Info	NP	Product Group	195	Weight (lbs.)		Weight (Kg.)		
Delivery Info	NP									
Product Group	195									
Weight (lbs.)										
Weight (Kg.)										
Mag. Type 1250 120 Vac; NEMA Type 12 Fits: DMV ZRD/LE 702/512 Valve 2 Coil 2	251-681	PRICE ON REQUEST								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>NP</td> </tr> <tr> <td>Product Group</td> <td>195</td> </tr> <tr> <td>Weight (lbs.)</td> <td></td> </tr> <tr> <td>Weight (Kg.)</td> <td></td> </tr> </table>		Delivery Info	NP	Product Group	195	Weight (lbs.)		Weight (Kg.)		
Delivery Info	NP									
Product Group	195									
Weight (lbs.)										
Weight (Kg.)										

195 Accessories Replacement Coils

Model / Tech. Data	Order No.	List Price
<p>Mag. Type 1350 251-682</p>		
120 Vac; NEMA Type 12 Fits: DMV ZRD/LE 703/520 Valve 2 Coil 2	Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)	PRICE ON REQUEST
<p>Mag. Type 100 240-314</p>		
120 Vac; NEMA Type 4 Fits: MVD 505/6; MVDLE 205/6	Delivery Info NP Product Group 195 Weight (lbs.) 1.10 Weight (Kg.) 0.50	PRICE ON REQUEST
<p>Mag. Type 200 240-325</p>		
120 Vac; NEMA Type 4 Fits: MVD 507/6; MVD 510/6; MVDLE 207/6; 210/6	Delivery Info NP Product Group 195 Weight (lbs.) 3.10 Weight (Kg.) 1.41	PRICE ON REQUEST
<p>Mag. Type 300 240-336</p>		
120 Vac; NEMA Type 4 Fits: MVD 512/6; 515/6; MVDLE 212/6; 215/6; 220/6	Delivery Info NP Product Group 195 Weight (lbs.) 6.60 Weight (Kg.) 3.00	PRICE ON REQUEST
<p>Mag. Type 400 240-340</p>		
120 Vac; NEMA Type 4 Fits: MVD 520/6; MVDLE 225/6	Delivery Info NP Product Group 195 Weight (lbs.) 14.10 Weight (Kg.) 6.40	PRICE ON REQUEST
<p>Mag. Type 500 240-342</p>		
120 Vac; NEMA Type 4 Fits: MVD 525/6; MVDLE 230/6	Delivery Info NP Product Group 195 Weight (lbs.) 18.20 Weight (Kg.) 8.26	PRICE ON REQUEST
<p>Mag. Type 550 240-344</p>		
120 Vac; NEMA Type 4 Fits: MVD 530/6	Delivery Info NP Product Group 195 Weight (lbs.) 32.50 Weight (Kg.) 14.76	PRICE ON REQUEST

Description
Replacement Printed Circuit Boards



Harmonized Code:

Specifications

Contact technical support for product specific details

Model / Tech. Data	Order No.	List Price
<p>PWB SV 1005-7 120V</p> <p>Fits mag type 20</p> <p>FOR SV 1005/6X4 1007/6X4</p> <p>FORMERLY: D245147</p>	<p>245-147</p> <p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.)</p> <p>Weight (Kg.)</p>	77.38
<p>PWB SV 1010-1020 120V</p> <p>Fits mag type 30 40</p> <p>FOR SV 1010/6x4 1012/6x4 1015/6x4 1020/6x4</p> <p>FORMERLY: D245153</p>	<p>245-153</p> <p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.)</p> <p>Weight (Kg.)</p>	77.38
<p>PWB DMV 701 120V/24VAC</p> <p>Fits mag type 1111</p> <p>FOR DMV 701</p> <p>FORMERLY: D238803</p>	<p>238-803</p> <p>Delivery Info NP</p> <p>Product Group 195</p> <p>Weight (lbs.)</p> <p>Weight (Kg.)</p>	77.38

195 Accessories Replacement Printed Circuit Boards

Model / Tech. Data	Order No.	List Price		
PWB DMV 701 24Vdc Fits mag type 1111 FOR DMV 701 FORMERLY: D238804	238-804	109.63		
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;"></td> <td> Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.) </td> </tr> </table>			Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)	
	Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)			
PWB DMV 702-3 120V/24VAC Fits mag type 1211 FOR DMV 702 703 FORMERLY: D238806	238-806	109.63		
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;"></td> <td> Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.) </td> </tr> </table>			Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)	
	Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)			
PWB DMV 702-3 24Vdc Fits mag type 1211 FOR DMV 702 703 FORMERLY: D238807	238-807	109.63		
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;"></td> <td> Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.) </td> </tr> </table>			Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)	
	Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)			
PWB DMV 512-5125 24Vdc Fits mag type 1211, 1212, 1411, 1511, 1611, 1711 FOR DMV 512, 520, 525, 5040, 5050, 5065, 5080, 5100, 5125	225-381A	109.63		
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;"></td> <td> Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.) </td> </tr> </table>			Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)	
	Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)			
PWB MV... X05/6 Fits mag type 100	252-332A	PRICE ON REQUEST		
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;"></td> <td> Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.) </td> </tr> </table>			Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)	
	Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)			
PWB MV... X07/X10/6 Fits mag type 200	252-333A	PRICE ON REQUEST		
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;"></td> <td> Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.) </td> </tr> </table>			Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)	
	Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)			
PWB MV... X12/X15/X20/X25/230/6 Fits mag type 300/400/500	252-334A	PRICE ON REQUEST		
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;"></td> <td> Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.) </td> </tr> </table>			Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)	
	Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)			
PWB MV... 530/6 Fits mag type 550	252-335A	PRICE ON REQUEST		
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;"></td> <td> Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.) </td> </tr> </table>			Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)	
	Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)			



Description

- Accessories for other products

Harmonized Code: Various

Model / Tech. Data	Order No.	List Price		
1/4" NPT Push Button 1/4" NPT Isolation push button valve, Female / Female threads FORMERLY: D242645	242-645	63.25		
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;"></td> <td> Delivery Info B Product Group 195 Weight (lbs.) 0.75 Weight (Kg.) 0.34 </td> </tr> </table>			Delivery Info B Product Group 195 Weight (lbs.) 0.75 Weight (Kg.) 0.34	
	Delivery Info B Product Group 195 Weight (lbs.) 0.75 Weight (Kg.) 0.34			
R 1/2" Push Button R 1/2 Isolation push button valve, Female / Female threads Order with Seal (227-125) at No Charge. FORMERLY: D033621	033-621	69.16		
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;"></td> <td> Delivery Info B Product Group 195 Weight (lbs.) 0.75 Weight (Kg.) 0.34 </td> </tr> </table>			Delivery Info B Product Group 195 Weight (lbs.) 0.75 Weight (Kg.) 0.34	
	Delivery Info B Product Group 195 Weight (lbs.) 0.75 Weight (Kg.) 0.34			
MANOMETER 0 - 40 Mbar pressure range R 1/2" Threaded male connection FORMERLY: D099028	099-028	127.66		
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;"></td> <td> Delivery Info C Product Group 195 Weight (lbs.) 0.75 Weight (Kg.) 0.34 </td> </tr> </table>			Delivery Info C Product Group 195 Weight (lbs.) 0.75 Weight (Kg.) 0.34	
	Delivery Info C Product Group 195 Weight (lbs.) 0.75 Weight (Kg.) 0.34			

195 Accessories Other Product

Model / Tech. Data	Order No.	List Price
<p>MANOMETER 103-705 127.66</p>		
0 - 600 Mbar pressure range R 1/2" Threaded male connection FORMERLY: D103705	Delivery Info C Product Group 195 Weight (lbs.) 0.75 Weight (Kg.) 0.34	
<p>MANOMETER 104-083 127.66</p>		
0 - 160 Mbar pressure range R 1/2" Threaded male connection FORMERLY: D104083	Delivery Info C Product Group 195 Weight (lbs.) 0.75 Weight (Kg.) 0.34	
<p>ENCLOSURE for DMA 240-456 156.75</p>		
NEMA Type 4 FORMERLY: D240456	Delivery Info A Product Group 195 Weight (lbs.) 1.00 Weight (Kg.) 0.45	
<p>LOCKING DEVICE for Ball Valves 48650-11 32.00</p>		
1/2" to 3/4"	Delivery Info A Product Group 195 Weight (lbs.) 0.15 Weight (Kg.) 0.07	
<p>LOCKING DEVICE for Ball Valves 48650-31 40.45</p>		
1" to 1 1/4"	Delivery Info A Product Group 195 Weight (lbs.) 0.18 Weight (Kg.) 0.08	
<p>LOCKING DEVICE for Ball Valves 48650-41 78.62</p>		
1 1/2" to 2"	Delivery Info A Product Group 195 Weight (lbs.) 0.43 Weight (Kg.) 0.20	
<p>Replacement cover for VDK 224-098 680.38</p>		
120 Vac 60 Hz version only FORMERLY: 46021-2	Delivery Info NP Product Group 195 Weight (lbs.) 1.00 Weight (Kg.) 0.45	
<p>Hydraulic Brake 240-458 197.32</p>		
Fits: DMV... 701/702/703 SV 10XX	Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)	

Model / Tech. Data	Order No.	List Price
Hydraulic Brake	224-976	197.32
Fits: DMV 507; DMV 512; DMV 520; DMV 5040; DMV 5050	Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)	
Hydraulic Brake	224-977	403.41
Fits: DMV 525; DMV 704; DMV 5065; DMV 5080	Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)	
Hydraulic Brake	224-978	488.70
Fits: DMV 5100; DMV 5125	Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)	
Hydraulic Brake	223-159	138.72
Fits: MV... X05/6	Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)	
Hydraulic Brake	223-158	166.34
Fits: MV... X07/X10/X12/X15/X20/6	Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)	
Hydraulic Brake	223-157	403.41
Fits: MV... X25/X30/6	Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)	
Adjustment knob	240-457	35.63
Fits: DMV 701/702/703	Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)	
Adjustment knob	231-789	35.63
Fits: MV... X05	Delivery Info NP Product Group 195 Weight (lbs.) Weight (Kg.)	

Model / Tech. Data	Order No.	List Price												
Adjustment knob	231-790	42.89												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%; padding: 5px;">Fits: MV... X07/X10/X12/X15/X20</td> <td style="width: 20%; padding: 5px;">Delivery Info NP</td> <td style="width: 40%;"></td> </tr> <tr> <td></td> <td style="padding: 5px;">Product Group 195</td> <td></td> </tr> <tr> <td></td> <td style="padding: 5px;">Weight (lbs.)</td> <td></td> </tr> <tr> <td></td> <td style="padding: 5px;">Weight (Kg.)</td> <td></td> </tr> </table>			Fits: MV... X07/X10/X12/X15/X20	Delivery Info NP			Product Group 195			Weight (lbs.)			Weight (Kg.)	
Fits: MV... X07/X10/X12/X15/X20	Delivery Info NP													
	Product Group 195													
	Weight (lbs.)													
	Weight (Kg.)													
Adjustment knob	231-791	71.63												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%; padding: 5px;">Fits: MV... X25/X30</td> <td style="width: 20%; padding: 5px;">Delivery Info NP</td> <td style="width: 40%;"></td> </tr> <tr> <td></td> <td style="padding: 5px;">Product Group 195</td> <td></td> </tr> <tr> <td></td> <td style="padding: 5px;">Weight (lbs.)</td> <td></td> </tr> <tr> <td></td> <td style="padding: 5px;">Weight (Kg.)</td> <td></td> </tr> </table>			Fits: MV... X25/X30	Delivery Info NP			Product Group 195			Weight (lbs.)			Weight (Kg.)	
Fits: MV... X25/X30	Delivery Info NP													
	Product Group 195													
	Weight (lbs.)													
	Weight (Kg.)													
Cover PWB box	252-336	PRICE ON REQUEST												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%; padding: 5px;">Fits: DMV 7XX/6X4 series and MV... /6 series valves</td> <td style="width: 20%; padding: 5px;">Delivery Info NP</td> <td style="width: 40%;"></td> </tr> <tr> <td></td> <td style="padding: 5px;">Product Group 195</td> <td></td> </tr> <tr> <td></td> <td style="padding: 5px;">Weight (lbs.)</td> <td></td> </tr> <tr> <td></td> <td style="padding: 5px;">Weight (Kg.)</td> <td></td> </tr> </table>			Fits: DMV 7XX/6X4 series and MV... /6 series valves	Delivery Info NP			Product Group 195			Weight (lbs.)			Weight (Kg.)	
Fits: DMV 7XX/6X4 series and MV... /6 series valves	Delivery Info NP													
	Product Group 195													
	Weight (lbs.)													
	Weight (Kg.)													
Cover PWB box	254-740	PRICE ON REQUEST												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%; padding: 5px;">Fits: SV 1005/1007 Includes: Cover, gasket, screws</td> <td style="width: 20%; padding: 5px;">Delivery Info NP</td> <td style="width: 40%;"></td> </tr> <tr> <td></td> <td style="padding: 5px;">Product Group 195</td> <td></td> </tr> <tr> <td></td> <td style="padding: 5px;">Weight (lbs.)</td> <td></td> </tr> <tr> <td></td> <td style="padding: 5px;">Weight (Kg.)</td> <td></td> </tr> </table>			Fits: SV 1005/1007 Includes: Cover, gasket, screws	Delivery Info NP			Product Group 195			Weight (lbs.)			Weight (Kg.)	
Fits: SV 1005/1007 Includes: Cover, gasket, screws	Delivery Info NP													
	Product Group 195													
	Weight (lbs.)													
	Weight (Kg.)													
Cover PWB box	254-741	PRICE ON REQUEST												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%; padding: 5px;">Fits: SV 1010/1012 Includes: Cover, gasket, screws</td> <td style="width: 20%; padding: 5px;">Delivery Info NP</td> <td style="width: 40%;"></td> </tr> <tr> <td></td> <td style="padding: 5px;">Product Group 195</td> <td></td> </tr> <tr> <td></td> <td style="padding: 5px;">Weight (lbs.)</td> <td></td> </tr> <tr> <td></td> <td style="padding: 5px;">Weight (Kg.)</td> <td></td> </tr> </table>			Fits: SV 1010/1012 Includes: Cover, gasket, screws	Delivery Info NP			Product Group 195			Weight (lbs.)			Weight (Kg.)	
Fits: SV 1010/1012 Includes: Cover, gasket, screws	Delivery Info NP													
	Product Group 195													
	Weight (lbs.)													
	Weight (Kg.)													
Cover PWB box	254-742	PRICE ON REQUEST												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%; padding: 5px;">Fits: SV 1015/1020 Includes: Cover, gasket, screws</td> <td style="width: 20%; padding: 5px;">Delivery Info NP</td> <td style="width: 40%;"></td> </tr> <tr> <td></td> <td style="padding: 5px;">Product Group 195</td> <td></td> </tr> <tr> <td></td> <td style="padding: 5px;">Weight (lbs.)</td> <td></td> </tr> <tr> <td></td> <td style="padding: 5px;">Weight (Kg.)</td> <td></td> </tr> </table>			Fits: SV 1015/1020 Includes: Cover, gasket, screws	Delivery Info NP			Product Group 195			Weight (lbs.)			Weight (Kg.)	
Fits: SV 1015/1020 Includes: Cover, gasket, screws	Delivery Info NP													
	Product Group 195													
	Weight (lbs.)													
	Weight (Kg.)													

Description

DUNGS actuators are designed to operate dampers, butterfly valves and similar devices.



Harmonized Code: 8011030

Specifications

Electrical ratings	120 Vac, 60 Hz
Enclosure rating	NEMA Type 4 (with appropriate conduit connection)
Ambient temperature rating	-40°F to +136 °F (-40 °C to +58 °C)
Operating mode	Two Position, Spring return
Size	5 3/8" x 6 9/16" x 5 3/4" (L x W x H) 1/2" Shaft

Crank arm included; Auxiliary switch not available

Model / Tech. Data	Order No.	List Price		
EMA-405 16 in lb Output; 180 deg CCW Spring Return; 20s No Load Timing; 60s Full Load Timing; 120 Vac, 60 Hz, 0.40A; 45 VA running and holding	43117	290.72		
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;"></td> <td> Delivery Info B Product Group 300 Weight (lbs.) 7.60 Weight (Kg.) 3.45 </td> </tr> </table>		Delivery Info B Product Group 300 Weight (lbs.) 7.60 Weight (Kg.) 3.45		
	Delivery Info B Product Group 300 Weight (lbs.) 7.60 Weight (Kg.) 3.45			
EMA-405-1 16 in lb Output; 90 deg CCW Spring Return; 10s No Load Timing; 30s Full Load Timing; 120 Vac, 60 Hz, 0.90A; 45 VA running and holding	43117-1	290.72		
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;"></td> <td> Delivery Info A Product Group 300 Weight (lbs.) 7.60 Weight (Kg.) 3.45 </td> </tr> </table>		Delivery Info A Product Group 300 Weight (lbs.) 7.60 Weight (Kg.) 3.45		
	Delivery Info A Product Group 300 Weight (lbs.) 7.60 Weight (Kg.) 3.45			
EMA-418-2 60 in lb Output; 90 deg CCW Spring Return; 10s No Load Timing; 30s Full Load Timing; 120 Vac, 60 Hz, 0.40A; 120 VA running, 42 VA holding	43199-1	359.94		
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;"></td> <td> Delivery Info A Product Group 300 Weight (lbs.) 8.50 Weight (Kg.) 3.86 </td> </tr> </table>		Delivery Info A Product Group 300 Weight (lbs.) 8.50 Weight (Kg.) 3.86		
	Delivery Info A Product Group 300 Weight (lbs.) 8.50 Weight (Kg.) 3.86			



Description

DUNGS actuators are designed to operate dampers, butterfly valves and similar devices.



Harmonized Code: 8011030

Specifications

Electrical ratings	120 Vac, 60 Hz
Enclosure rating	NEMA Type 1 (NEMA Type 4 with AM-363) part # 43164
Auxiliary Switch	SPDT; 6A @ 120 Vac
Ambient temperature rating	-40°F to +136 °F (-40 °C to +58 °C)
Operating mode	Position Proportioning 100 Ohm Slidewire Feedback
Size	5 3/8" x 5 3/8" x 7" (L x W x H) 1/2" Shaft

Crank arm included; Capable of 180 degree rotation with 180 degree slide wire

Model / Tech. Data	Order No.	List Price								
<p>EMP-423-1</p> <p>60 in lb Output; 90 deg</p> <p>100 Ohm; 12s fixed; 120 Vac, 60 Hz, 0.65A; Aux Sw 6A @ 120 Vac; NEMA Type 1</p>	43158	415.33								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>300</td> </tr> <tr> <td>Weight (lbs.)</td> <td>8.70</td> </tr> <tr> <td>Weight (Kg.)</td> <td>3.95</td> </tr> </table>	Delivery Info	A	Product Group	300	Weight (lbs.)	8.70	Weight (Kg.)	3.95		
Delivery Info	A									
Product Group	300									
Weight (lbs.)	8.70									
Weight (Kg.)	3.95									
<p>EMP-424-1</p> <p>60 in lb Output; 90 deg</p> <p>100 Ohm; 12s adjustable; 120 Vac, 60 Hz, 0.65A; Aux Sw 6A @ 120 Vac; NEMA Type 1</p>	43032	456.85								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>300</td> </tr> <tr> <td>Weight (lbs.)</td> <td>8.70</td> </tr> <tr> <td>Weight (Kg.)</td> <td>3.95</td> </tr> </table>	Delivery Info	A	Product Group	300	Weight (lbs.)	8.70	Weight (Kg.)	3.95		
Delivery Info	A									
Product Group	300									
Weight (lbs.)	8.70									
Weight (Kg.)	3.95									
<p>EMP-453-1</p> <p>220 in lb Output; 90 deg</p> <p>100 Ohm; 40s fixed; 120 Vac, 60 Hz, 0.65A; Aux Sw 6A @ 120 Vac; NEMA Type 1</p>	43033	415.33								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>300</td> </tr> <tr> <td>Weight (lbs.)</td> <td>8.70</td> </tr> <tr> <td>Weight (Kg.)</td> <td>3.95</td> </tr> </table>	Delivery Info	A	Product Group	300	Weight (lbs.)	8.70	Weight (Kg.)	3.95		
Delivery Info	A									
Product Group	300									
Weight (lbs.)	8.70									
Weight (Kg.)	3.95									

300 Proportionation - EMP-1

Model / Tech. Data	Order No.	List Price
EMP-454-1	43087	456.85
220 in lb Output; 90 deg 100 Ohm; 40s adjustable; 120 Vac, 60 Hz, 0.65A; Aux Sw 6A @ 120 Vac; NEMA Type 1	Delivery Info A Product Group 300 Weight (lbs.) 8.70 Weight (Kg.) 3.95	



Description

DUNGS actuators are designed to operate dampers, butterfly valves and similar devices.



Harmonized Code: 8011030

Specifications

Electrical ratings	120 Vac, 60 Hz
Enclosure rating	NEMA Type 1 (NEMA Type 4 with AM-363) part # 43164
Auxiliary Switch	SPDT; 6A @ 120 Vac
Ambient temperature rating	-40°F to +136 °F (-40 °C to +58 °C)
Operating mode	Potentiometer Slaved Proportioning, 100-1000 Ohm, Slidewire Feedback
Size	6 5/8" x 5 3/8" x 7" (L x W x H) 1/2" Shaft

Crank arm included; Capable of 180 degree rotation with 180 degree slide wire

Model / Tech. Data	Order No.	List Price		
<p>EMP-423-2</p> <p>60 in lb Output; 90 deg</p> <p>12s fixed; 120 Vac, 60 Hz, 0.65A; Aux Sw 6A @ 120 Vac; NEMA Type 1</p>	43158-2	567.61		
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;"></td> <td> <p>Delivery Info B</p> <p>Product Group 300</p> <p>Weight (lbs.) 9.90</p> <p>Weight (Kg.) 4.49</p> </td> </tr> </table>		<p>Delivery Info B</p> <p>Product Group 300</p> <p>Weight (lbs.) 9.90</p> <p>Weight (Kg.) 4.49</p>		
	<p>Delivery Info B</p> <p>Product Group 300</p> <p>Weight (lbs.) 9.90</p> <p>Weight (Kg.) 4.49</p>			
<p>EMP-424-2</p> <p>60 in lb Output; 90 deg</p> <p>12s adjustable; 120 Vac, 60 Hz, 0.65A; Aux Sw 6A @ 120 Vac; NEMA Type 1</p>	43032-2	609.13		
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;"></td> <td> <p>Delivery Info B</p> <p>Product Group 300</p> <p>Weight (lbs.) 9.90</p> <p>Weight (Kg.) 4.49</p> </td> </tr> </table>		<p>Delivery Info B</p> <p>Product Group 300</p> <p>Weight (lbs.) 9.90</p> <p>Weight (Kg.) 4.49</p>		
	<p>Delivery Info B</p> <p>Product Group 300</p> <p>Weight (lbs.) 9.90</p> <p>Weight (Kg.) 4.49</p>			
<p>EMP-453-2</p> <p>220 in lb Output; 90 deg</p> <p>40s fixed; 120 Vac, 60 Hz, 0.65A; Aux Sw 6A @ 120 Vac; NEMA Type 1</p>	43033-2	567.61		
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;"></td> <td> <p>Delivery Info C</p> <p>Product Group 300</p> <p>Weight (lbs.) 9.90</p> <p>Weight (Kg.) 4.49</p> </td> </tr> </table>		<p>Delivery Info C</p> <p>Product Group 300</p> <p>Weight (lbs.) 9.90</p> <p>Weight (Kg.) 4.49</p>		
	<p>Delivery Info C</p> <p>Product Group 300</p> <p>Weight (lbs.) 9.90</p> <p>Weight (Kg.) 4.49</p>			

300 Slave Proportionating - EMP-2

Model / Tech. Data	Order No.	List Price
EMP-454-2	43087-2	609.13
220 in lb Output; 90 deg 40s adjustable; 120 Vac, 60 Hz, 0.65A; Aux Sw 6A @ 120 Vac; NEMA Type 1	Delivery Info C Product Group 300 Weight (lbs.) 9.90 Weight (Kg.) 4.49	

Description

DUNGS actuators are designed to operate dampers, butterfly valves and similar devices.



Harmonized Code: 8011030

Specifications

Electrical ratings	120 Vac, 60 Hz
Enclosure rating	NEMA Type 4
Auxiliary Switch	SPDT; 6A @ 120 Vac
Ambient temperature rating	-40°F to +136 °F (-40 °C to +58 °C)
Operating mode	Proportioning, 4-20 mA Input
Size	6 5/8" x 5 3/8" x 7" (L x W x H) 1/2" Shaft

Crank arm included; Capable of 180 degree rotation with 180 degree slide wire

Model / Tech. Data	Order No.	List Price								
<p>EMP-423-5</p> <p>60 in lb Output; 90 deg</p> <p>4-20 mA; 100 Ohm; 12s fixed; 120 Vac, 60 Hz, 0.65A; Aux Sw 6A @ 120 Vac, 78VA; NEMA Type 4</p>	43158-6	622.96								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>300</td> </tr> <tr> <td>Weight (lbs.)</td> <td>10.50</td> </tr> <tr> <td>Weight (Kg.)</td> <td>4.77</td> </tr> </table>	Delivery Info	A	Product Group	300	Weight (lbs.)	10.50	Weight (Kg.)	4.77		
Delivery Info	A									
Product Group	300									
Weight (lbs.)	10.50									
Weight (Kg.)	4.77									
<p>EMP-424-5</p> <p>60 in lb Output; 90 deg</p> <p>4-20 mA; 100 Ohm; 12s adjustable; 120 Vac, 60 Hz, 0.65A; Aux Sw 6A @ 120 Vac; NEMA Type 4</p>	43032-6	664.51								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>300</td> </tr> <tr> <td>Weight (lbs.)</td> <td>10.50</td> </tr> <tr> <td>Weight (Kg.)</td> <td>4.77</td> </tr> </table>	Delivery Info	A	Product Group	300	Weight (lbs.)	10.50	Weight (Kg.)	4.77		
Delivery Info	A									
Product Group	300									
Weight (lbs.)	10.50									
Weight (Kg.)	4.77									
<p>EMP-453-5 ACTUATOR 4-20 M</p> <p>220 in lb Output; 90 deg</p> <p>4-20 mA; 100 Ohm; 40s fixed; 120 Vac, 60 Hz, 0.65A; Aux Sw 6A @ 120 Vac; NEMA Type 4</p>	43033-6	622.96								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>300</td> </tr> <tr> <td>Weight (lbs.)</td> <td>10.50</td> </tr> <tr> <td>Weight (Kg.)</td> <td>4.77</td> </tr> </table>	Delivery Info	A	Product Group	300	Weight (lbs.)	10.50	Weight (Kg.)	4.77		
Delivery Info	A									
Product Group	300									
Weight (lbs.)	10.50									
Weight (Kg.)	4.77									

300 4-20 mA Input Proportioning - EMP-5

Model / Tech. Data	Order No.	List Price
EMP-454-5	43087-6	664.51
220 in lb Output; 90 deg 4-20 mA; 100 Ohm; 40s adjustable; 120 Vac, 60 Hz, 1.8A; Aux Sw 6A @ 120 Vac NEMA Type 4	Delivery Info A Product Group 300 Weight (lbs.) 8.70 Weight (Kg.) 3.95	



Description

DUNGS actuators are designed to operate dampers, butterfly valves and similar devices.



Harmonized Code: 8011030

Specifications

Electrical ratings	120 Vac, 60 Hz
Enclosure rating	NEMA Type 1 (NEMA Type 4 with AM-369, part # 43164-1) SPDT; 6A @ 120 Vac
Ambient temperature rating	-40°F to +130 °F (-40 °C to +54 °C)
Operating modes	Potentiometer Slaved Proportioning, 100-1000 Ohm, Slidewire Feed back (requires AE 504, part # 43162) SPDT or Snap acting controller
Size	Proportioning, 4-20 mA Input (Requires CP 8391, part # 43118-4) 9 1/2" x 10 1/2" x 9 9/16" (L x W x H) 1/2" Shaft

Crank arm NOT included (Requires part # 43202); Capable of 180 degree rotation with 180 degree slide wire

Model / Tech. Data	Order No.	List Price								
EMP-9430 550 in lb Output; 90 deg 100 Ohm; 20s fixed; 120 Vac, 60 Hz, 1.8A; Aux Sw 6A @ 120 Vac; Requires crank arm (43202); Requires (2) 50007 and (1) 43207 to mount 4-20 mA control (43118-4).	43211	2,075.42								
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>300</td> </tr> <tr> <td>Weight (lbs.)</td> <td>31.60</td> </tr> <tr> <td>Weight (Kg.)</td> <td>14.35</td> </tr> </table>	Delivery Info	C	Product Group	300	Weight (lbs.)	31.60	Weight (Kg.)	14.35		
Delivery Info	C									
Product Group	300									
Weight (lbs.)	31.60									
Weight (Kg.)	14.35									
EMP-9630 1100 in lb Output; 90 deg 100 Ohm; 33s fixed; 120 Vac, 60 Hz, 1.8A; Aux Sw 6A @ 120 Vac; Requires crank arm (43202); Requires (2) 50007 and (1) 43207 to mount 4-20 mA control (43118-4).	43215	2,075.42								
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>300</td> </tr> <tr> <td>Weight (lbs.)</td> <td>31.60</td> </tr> <tr> <td>Weight (Kg.)</td> <td>14.35</td> </tr> </table>	Delivery Info	C	Product Group	300	Weight (lbs.)	31.60	Weight (Kg.)	14.35		
Delivery Info	C									
Product Group	300									
Weight (lbs.)	31.60									
Weight (Kg.)	14.35									
EMP-9830 1300 in lb Output; 90 deg 100 Ohm; 57s fixed; 120 Vac, 60 Hz, 1.8A; Aux Sw 6A @ 120 Vac; Requires crank arm (43202); Requires (2) 50007 and (1) 43207 to mount 4-20 mA control (43118-4).	43201	2,075.42								
<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>300</td> </tr> <tr> <td>Weight (lbs.)</td> <td>31.60</td> </tr> <tr> <td>Weight (Kg.)</td> <td>14.35</td> </tr> </table>	Delivery Info	C	Product Group	300	Weight (lbs.)	31.60	Weight (Kg.)	14.35		
Delivery Info	C									
Product Group	300									
Weight (lbs.)	31.60									
Weight (Kg.)	14.35									



Description

DUNGS actuators are designed to operate dampers, butterfly valves and similar devices.



Harmonized Code: 8011030

Specifications

Crank arm NOT included; Refer to selection guide for technical specifics.

Model / Tech. Data	Order No.	List Price
MP-453-133 220 in/-lb Output; 90 deg 120 Vac, 60 Hz, 0.65A; 40 s fixed; Aux Sw 6A @ 120 Vac, 100 Ohm slidewire;	43195	PRICE ON REQUEST
MK-3141 Pneumatic Actuator 8" sq. effective area; Max air pressure 30 PSI; Air connection 1/8" NPT.	43141-1	152.29
MP-493-102-0-2 450 in/-lb Output; 90 deg 120 Vac, 60 Hz, 0.95A; Aux Sw 6A @ 120 Vac	43205	PRICE ON REQUEST



Description
Actuator Accessories



Harmonized Code: 85030050

Installation charge of any accessory is minimum \$25 per motor [contact Customer Service for part number specific quote]. 5 business day lead time for assembly and mounting.

Model / Tech. Data	Order No.	List Price
<p>CP-9302</p> <p>For EMP 4xx actuators</p> <p>4-20 mA DC current to position converter, adjustable zero and deadband NEMA Type 4; -40 to +140 deg F (-40 to +60 deg C)</p>	43118-5	280.14
<p>Delivery Info A</p> <p>Product Group 310</p> <p>Weight (lbs.) 0.45</p> <p>Weight (Kg.) 0.20</p>		
<p>CP-8391-703 for High Torque</p> <p>For EMP 9xxx actuators - Requires (2) #50007 and (1) 43207 to mount to actuator.</p> <p>4-20 mA DC current to position converter, adjustable zero and deadband NEMA Type 4; -40 to +140 deg F (-40 to +60 deg C)</p>	43118-4	423.13
<p>Delivery Info C</p> <p>Product Group 310</p> <p>Weight (lbs.) 1.20</p> <p>Weight (Kg.) 0.54</p>		
<p>AM-321-0-2</p> <p>For EMP 4xx actuators</p> <p>Auxiliary switch; Two independently adjustable snap action SPDT Switches 5.8 A @ 120 Vac; NEMA Type 1</p>	43156	143.65
<p>Delivery Info A</p> <p>Product Group 310</p> <p>Weight (lbs.) 1.20</p> <p>Weight (Kg.) 0.54</p>		

310 Actuator Accessories

Model / Tech. Data	Order No.	List Price								
AM-341-0-2	43156-1	423.69								
For EMP 4xx actuators Auxiliary switch; Four independently adjustable snap action SPDT Switches 5.8 A @ 120 Vac; NEMA Type 1	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>310</td> </tr> <tr> <td>Weight (lbs.)</td> <td>1.20</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.54</td> </tr> </table>	Delivery Info	C	Product Group	310	Weight (lbs.)	1.20	Weight (Kg.)	0.54	
Delivery Info	C									
Product Group	310									
Weight (lbs.)	1.20									
Weight (Kg.)	0.54									
AM-332-102-1	43161	417.48								
100 Ohm, Single potentiometer for position indicating or paralleling	<table border="1"> <tr> <td>Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>310</td> </tr> <tr> <td>Weight (lbs.)</td> <td>1.00</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.45</td> </tr> </table>	Delivery Info	B	Product Group	310	Weight (lbs.)	1.00	Weight (Kg.)	0.45	
Delivery Info	B									
Product Group	310									
Weight (lbs.)	1.00									
Weight (Kg.)	0.45									
AE-504	43162	167.36								
Paralleling Relay	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>310</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.90</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.41</td> </tr> </table>	Delivery Info	C	Product Group	310	Weight (lbs.)	0.90	Weight (Kg.)	0.41	
Delivery Info	C									
Product Group	310									
Weight (lbs.)	0.90									
Weight (Kg.)	0.41									



Description
Actuator Parts

Harmonized Code: 85030050

Installation charge of any accessory is \$25.00 per motor; 5 business day lead time for assembly and mounting.

Model / Tech. Data	Order No.	List Price
ADDA-39-010	43186-1	46.07
Slidewire 100 Ohm, 90 deg	Delivery Info C Product Group 395 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
ADDA-259-010	41306	95.47
Slidewire 135 Ohm, 90 deg	Delivery Info C Product Group 395 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
ADDA-274-010	41313	37.75
Slidewire 1000 Ohm, 90 deg	Delivery Info B Product Group 395 Weight (lbs.) 0.10 Weight (Kg.) 0.05	

395 Actuator Parts

Model / Tech. Data	Order No.	List Price
ADDA-38-010	43186	39.95
Slidewire 100 Ohm, 180 deg	Delivery Info B Product Group 395 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
ADDA-243-010	41306-1	120.99
Slidewire 135 Ohm, 180 deg	Delivery Info B Product Group 395 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
ADDA-902-5	41304	77.71
100 Ohm, 90 deg Slidewire and Wiper arm kit	Delivery Info A Product Group 395 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
ADDA-245	41302	24.43
Internal slidewire wiper for EMP	Delivery Info B Product Group 395 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
AM-301	41113	38.71
90 deg mounting bracket for EMP4xx motors	Delivery Info C Product Group 395 Weight (lbs.) 1.30 Weight (Kg.) 0.59	
PND-2-1	43141-2	25.65
Diaphragm for 43141-1 actuators for MK-314 motors	Delivery Info A Product Group 395 Weight (lbs.) 0.20 Weight (Kg.) 0.09	
ADDA-904-1	43163	99.92
120/240 Vac Transformer Kit	Delivery Info C Product Group 395 Weight (lbs.) 0.30 Weight (Kg.) 0.14	
AM-132	43142	4.44
5/16" dia Hole Ball Joint Linkage Swivel Connector.	Delivery Info B Product Group 395 Weight (lbs.) 0.10 Weight (Kg.) 0.05	

395 Actuator Parts

Model / Tech. Data	Order No.	List Price
AM-122	43142-1	5.55
5/16" dia Hole Straight Linkage Connector.	Delivery Info C Product Group 395 Weight (lbs.) 0.10 Weight (Kg.) 0.05	
AM-125	43143	8.65
5/16" dia. x 20" Damper Rod for 173 -lb Load.	Delivery Info B Product Group 395 Weight (lbs.) 0.40 Weight (Kg.) 0.18	
AM-394	43203	179.84
Connector Link with 1/2" Ball Joints; Adjustable 15 3/4" to 24 3/4" in length	Delivery Info A Product Group 395 Weight (lbs.) 2.20 Weight (Kg.) 1.00	
AM-113	43144	5.84
1/2" dia Crank Arm Standard on EMA 4xx and EMP 4xx motors	Delivery Info B Product Group 395 Weight (lbs.) 0.20 Weight (Kg.) 0.09	
AM-116	43206	13.66
1/2" dia Splined Crank Arm fits EMA 4xx and EMP 4xx motors	Delivery Info B Product Group 395 Weight (lbs.) 0.20 Weight (Kg.) 0.09	
AM-392	43202	164.30
3/4" dia Crank Arm For EMP 9xxx motors	Delivery Info B Product Group 395 Weight (lbs.) 1.10 Weight (Kg.) 0.50	
AM-363	43164	21.65
Weather resistant covers for EMP 4xx actuators. (NEMA Type 4)	Delivery Info A Product Group 395 Weight (lbs.) 0.20 Weight (Kg.) 0.09	
AM-369	43164-1	192.33
Weather Resistant Covers for EMP 9xxx actuators. (NEMA Type 4)	Delivery Info A Product Group 395 Weight (lbs.) 0.40 Weight (Kg.) 0.18	

395 Actuator Parts

Model / Tech. Data	Order No.	List Price								
1/2" Conduit Extension	50007	12.69								
Two (2) required for EMP 9xxx actuators when mounting 4 -20 mA control box (43118-4)	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>395</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.10</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.05</td> </tr> </table>	Delivery Info	C	Product Group	395	Weight (lbs.)	0.10	Weight (Kg.)	0.05	
Delivery Info	C									
Product Group	395									
Weight (lbs.)	0.10									
Weight (Kg.)	0.05									
AM-773	43207	66.70								
Fittings CP8391-703 Mounting	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>395</td> </tr> <tr> <td>Weight (lbs.)</td> <td></td> </tr> <tr> <td>Weight (Kg.)</td> <td></td> </tr> </table>	Delivery Info	C	Product Group	395	Weight (lbs.)		Weight (Kg.)		
Delivery Info	C									
Product Group	395									
Weight (lbs.)										
Weight (Kg.)										



Description
Ignition Transformers



Harmonized Code: 85043290

Specifications

Enclosure rating	NEMA Type 1
Ambient temperature rating	+5°F to +110 °F

Model / Tech. Data	Order No.	List Price								
1092 type S Ignition Transformer 120 Vac, 60 Hz Primary; 6000 V Secondary	48996	147.12								
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;">Delivery Info</td> <td>A</td> </tr> <tr> <td>Product Group</td> <td>450</td> </tr> <tr> <td>Weight (lbs.)</td> <td>10.00</td> </tr> <tr> <td>Weight (Kg.)</td> <td>4.54</td> </tr> </table>		Delivery Info	A	Product Group	450	Weight (lbs.)	10.00	Weight (Kg.)	4.54	
Delivery Info	A									
Product Group	450									
Weight (lbs.)	10.00									
Weight (Kg.)	4.54									
542GP Ignition Transformer 120 Vac, 60 Hz Primary; 10,000 V Secondary	48998	276.79								
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;">Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>450</td> </tr> <tr> <td>Weight (lbs.)</td> <td>10.00</td> </tr> <tr> <td>Weight (Kg.)</td> <td>4.54</td> </tr> </table>		Delivery Info	B	Product Group	450	Weight (lbs.)	10.00	Weight (Kg.)	4.54	
Delivery Info	B									
Product Group	450									
Weight (lbs.)	10.00									
Weight (Kg.)	4.54									
1112 type S Ignition Transformer 240 Vac, 60 Hz Primary; 6000 V Secondary	48995	188.65								
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;">Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>450</td> </tr> <tr> <td>Weight (lbs.)</td> <td>10.00</td> </tr> <tr> <td>Weight (Kg.)</td> <td>4.54</td> </tr> </table>		Delivery Info	B	Product Group	450	Weight (lbs.)	10.00	Weight (Kg.)	4.54	
Delivery Info	B									
Product Group	450									
Weight (lbs.)	10.00									
Weight (Kg.)	4.54									

450 Ignition Transformers

Model / Tech. Data	Order No.	List Price
1196 type S	48994	188.65
Ignition Transformer 240 Vac, 50 Hz Primary; 6000 V Secondary	Delivery Info B Product Group 450 Weight (lbs.) 10.00 Weight (Kg.) 4.54	



Description

1/4" NPT to 3" NPT ball valve

Application

The ball valve is for manual shutoff suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 84818081

Specifications

Max. operating pressure	14.5 PSI (1000 mbar) (125 PSI UL)
Ambient temperature rating	-40 °F to +300 °F (-20 °C to +150 °C)

Brass body; Full port

Model / Tech. Data		Order No.	List Price
KH 01/6-02		D240887	19.24
1/4" NPT	Delivery Info	A	
Brass Body	Product Group	180	
	Weight (lbs.)	0.20	
	Weight (Kg.)	0.09	
KH 01/6-05		D240889	20.28
3/8" NPT	Delivery Info	A	
Brass Body	Product Group	180	
	Weight (lbs.)	0.30	
	Weight (Kg.)	0.14	
KH 01/6-05		D240890	28.80
1/2" NPT	Delivery Info	A	
Brass Body	Product Group	180	
	Weight (lbs.)	0.60	
	Weight (Kg.)	0.27	

180 DUNGS Ball Valves - KH

Model / Tech. Data		Order No.	List Price
KH 01/6-07		D240891	37.29
3/4" NPT	Delivery Info	A	
Brass Body	Product Group	180	
	Weight (lbs.)	0.80	
	Weight (Kg.)	0.36	
KH 01/6-10		D240892	53.00
1" NPT	Delivery Info	A	
Brass Body	Product Group	180	
	Weight (lbs.)	1.50	
	Weight (Kg.)	0.68	
KH 01/6-12		D240893	86.35
1 1/4" NPT	Delivery Info	A	
Brass Body	Product Group	180	
	Weight (lbs.)	2.30	
	Weight (Kg.)	1.04	
KH 01/6-15		D240894	103.99
1 1/2" NPT	Delivery Info	A	
Brass Body	Product Group	180	
	Weight (lbs.)	3.50	
	Weight (Kg.)	1.59	
KH 01/6-20		D240895	144.18
2" NPT	Delivery Info	A	
Brass Body	Product Group	180	
	Weight (lbs.)	4.80	
	Weight (Kg.)	2.18	
KH 01/6-25		D240896	578.76
2 1/2" NPT	Delivery Info	B	
Brass Body	Product Group	180	
	Weight (lbs.)	8.90	
	Weight (Kg.)	4.04	
KH 01/6-30		D240897	669.83
3" NPT	Delivery Info	B	
Brass Body	Product Group	180	
	Weight (lbs.)	12.40	
	Weight (Kg.)	5.63	



Description

Rp 1/4 to Rp 2 ball valve, PN 1 as per DIN 3537 Part 1.

Application

The ball valve is for manual shutoff suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 84818081

Specifications

Max. operating pressure	14.5 PSI (1000 mbar)
Ambient temperature rating	-4 °F to +300 °F (-20 °C to +150 °C)

Brass body; Full port

Model / Tech. Data	Order No.	List Price								
<p>KH 1/4"</p> <p>Rp 1/4</p> <p>Manually operated; Nickle-plated brass body.</p> <p>FORMERLY: D096784</p>	096-784	27.33								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>180</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.37</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.17</td> </tr> </table>	Delivery Info	B	Product Group	180	Weight (lbs.)	0.37	Weight (Kg.)	0.17		
Delivery Info	B									
Product Group	180									
Weight (lbs.)	0.37									
Weight (Kg.)	0.17									
<p>KH 3/8"</p> <p>Rp 3/8</p> <p>Manually operated; Nickle-plated brass body.</p> <p>FORMERLY: D098400</p>	098-400	28.76								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>180</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.37</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.17</td> </tr> </table>	Delivery Info	C	Product Group	180	Weight (lbs.)	0.37	Weight (Kg.)	0.17		
Delivery Info	C									
Product Group	180									
Weight (lbs.)	0.37									
Weight (Kg.)	0.17									
<p>KH 1/2"</p> <p>Rp 1/2</p> <p>Manually operated; Nickle-plated brass body.</p> <p>FORMERLY: D098418</p>	098-418	38.77								
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Delivery Info</td> <td>B</td> </tr> <tr> <td>Product Group</td> <td>180</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.55</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.25</td> </tr> </table>	Delivery Info	B	Product Group	180	Weight (lbs.)	0.55	Weight (Kg.)	0.25		
Delivery Info	B									
Product Group	180									
Weight (lbs.)	0.55									
Weight (Kg.)	0.25									

180 Ball Valves - KH

Model / Tech. Data	Order No.	List Price
<p>KH 3/4"</p> <p>Rp 3/4</p> <p>Manually operated; Nickle-plated brass body.</p> <p>FORMERLY: D098426</p>	<p>098-426</p> <p>Delivery Info B</p> <p>Product Group 180</p> <p>Weight (lbs.) 1.00</p> <p>Weight (Kg.) 0.45</p>	<p>43.48</p>
<p>KH 1"</p> <p>Rp 1</p> <p>Manually operated; Nickle-plated brass body.</p> <p>FORMERLY: D098434</p>	<p>098-434</p> <p>Delivery Info B</p> <p>Product Group 180</p> <p>Weight (lbs.) 1.60</p> <p>Weight (Kg.) 0.73</p>	<p>66.73</p>
<p>KH 1 1/2"</p> <p>Rp 1 1/2</p> <p>Manually operated; Nickle-plated brass body.</p> <p>FORMERLY: D098442</p>	<p>098-442</p> <p>Delivery Info B</p> <p>Product Group 180</p> <p>Weight (lbs.) 3.30</p> <p>Weight (Kg.) 1.50</p>	<p>113.89</p>
<p>KH 2"</p> <p>Rp 2</p> <p>Manually operated; Nickle-plated brass body.</p> <p>FORMERLY: D098459</p>	<p>098-459</p> <p>Delivery Info B</p> <p>Product Group 180</p> <p>Weight (lbs.) 7.30</p> <p>Weight (Kg.) 3.31</p>	<p>173.01</p>



Description

DIN 40 to DIN 150 ball valve, Flange PN 16 as per DIN 2533.

Application

The ball valve is for manual shutoff suitable for natural gas, propane, butane, air and other inert gases.



Harmonized Code: 84818081

Specifications

Max. operating pressure	232 PSI (16 bar)
Ambient temperature rating	+14 °F to +212°F (-10 °C to +100 °C)

Cast Iron; Full port

Model / Tech. Data		Order No.	List Price
KH DN. 40		238-581	523.88
DN. 40	Manually operated; Cast Iron body. 1 1/2" nominal pipe size	Delivery Info NP Product Group 180 Weight (lbs.) 15.43 Weight (Kg.) 7.01	
FORMERLY: D238581			
KH DN. 50		238-582	530.79
DN. 50	Manually operated; Cast Iron body. 2" nominal pipe size	Delivery Info NP Product Group 180 Weight (lbs.) 19.18 Weight (Kg.) 8.71	
FORMERLY: D238582			
KH DN. 65		238-583	563.18
DN. 65	Manually operated; Cast Iron body. 2 1/2" nominal pipe size	Delivery Info NP Product Group 180 Weight (lbs.) 31.98 Weight (Kg.) 14.52	
FORMERLY: D238583			

180 Flanged Ball Valves - FKH

Model / Tech. Data		Order No.	List Price
KH DN. 80		238-584	752.90
DN. 80	Delivery Info NP		
Manually operated; Cast Iron body. 3" nominal pipe size	Product Group 180		
	Weight (lbs.) 41.89		
FORMERLY: D238584	Weight (Kg.) 19.02		
KH DN. 100		238-585	853.68
DN. 100	Delivery Info NP		
Manually operated; Cast Iron body. 4" nominal pipe size	Product Group 180		
	Weight (lbs.) 47.40		
FORMERLY: D238585	Weight (Kg.) 21.52		
KH DN. 125		238-586	1,488.00
DN. 125	Delivery Info NP		
Manually operated; Cast Iron body. 5" nominal pipe size	Product Group 180		
	Weight (lbs.) 114.64		
FORMERLY: D238586	Weight (Kg.) 52.05		
KH DN. 150		238-587	1,891.12
DN. 150	Delivery Info NP		
Manually operated; Cast Iron body. 6" nominal pipe size	Product Group 180		
	Weight (lbs.) 145.51		
FORMERLY: D238587	Weight (Kg.) 66.06		

Description

Orifice and Venturi Meters

Application

Low cost metering device that provides accurate setting of air or gas for optimum efficiency



Harmonized Code: 80818090

Specifications

Max. operating pressure 250 PSI

Other models available on request

Model / Tech. Data	Order No.	List Price
<p>SBO-G-3</p> <p>1/2" NPT</p> <p>Beta Ratio 0.301, Head Loss 89%, 33 scfh</p>	<p>48040-1</p> <p>Delivery Info B</p> <p>Product Group 600</p> <p>Weight (lbs.) 0.40</p> <p>Weight (Kg.) 0.18</p>	74.45
<p>SBO-H-1</p> <p>1/2" NPT</p> <p>Beta Ratio 0.402, Head Loss 87%, 54 scfh</p>	<p>48040-2</p> <p>Delivery Info C</p> <p>Product Group 600</p> <p>Weight (lbs.) 0.40</p> <p>Weight (Kg.) 0.18</p>	74.45
<p>SBO-I-5</p> <p>1/2" NPT</p> <p>Beta Ratio 0.500, Head Loss 85%; 87 scfh</p>	<p>48040-3</p> <p>Delivery Info B</p> <p>Product Group 600</p> <p>Weight (lbs.) 0.40</p> <p>Weight (Kg.) 0.18</p>	74.45

600 Brass Orifices & Venturi Meters

Model / Tech. Data	Order No.	List Price														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">SBO-J-7</td> <td style="width: 40%; text-align: center;">48040-4</td> <td style="width: 20%; text-align: right;">74.45</td> </tr> <tr> <td style="vertical-align: top;"> 1/2" NPT Beta Ratio 0.703, Head Loss 73%; 214 scfh </td> <td style="vertical-align: top;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>600</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.40</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.18</td> </tr> </table> </td> <td></td> </tr> </table>			SBO-J-7	48040-4	74.45	1/2" NPT Beta Ratio 0.703, Head Loss 73%; 214 scfh	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>600</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.40</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.18</td> </tr> </table>	Delivery Info	C	Product Group	600	Weight (lbs.)	0.40	Weight (Kg.)	0.18	
SBO-J-7	48040-4	74.45														
1/2" NPT Beta Ratio 0.703, Head Loss 73%; 214 scfh	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>600</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.40</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.18</td> </tr> </table>	Delivery Info	C	Product Group	600	Weight (lbs.)	0.40	Weight (Kg.)	0.18							
Delivery Info	C															
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">SBO-F-1</td> <td style="width: 40%; text-align: center;">48040-5</td> <td style="width: 20%; text-align: right;">74.45</td> </tr> <tr> <td style="vertical-align: top;"> 1/2" NPT Beta Ratio 0.804, Head Loss 63%; 360 scfh </td> <td style="vertical-align: top;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>600</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.40</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.18</td> </tr> </table> </td> <td></td> </tr> </table>			SBO-F-1	48040-5	74.45	1/2" NPT Beta Ratio 0.804, Head Loss 63%; 360 scfh	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>600</td> </tr> <tr> <td>Weight (lbs.)</td> <td>0.40</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.18</td> </tr> </table>	Delivery Info	C	Product Group	600	Weight (lbs.)	0.40	Weight (Kg.)	0.18	
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600 Brass Orifices & Venturi Meters

Model / Tech. Data	Order No.	List Price
SBO-B-9 48040-12		106.65
1" NPT Beta Ratio 0.536, Head Loss 79%; 275 scfh	Delivery Info B Product Group 600 Weight (lbs.) 0.90 Weight (Kg.) 0.41	
SBO-C-5 48040-13		106.65
1" NPT Beta Ratio 0.596, Head Loss 76%; 348 scfh	Delivery Info B Product Group 600 Weight (lbs.) 0.90 Weight (Kg.) 0.41	
SBO-D-11 48040-14		106.65
1" NPT Beta Ratio 0.655, Head Loss 73%; 450 scfh	Delivery Info B Product Group 600 Weight (lbs.) 0.90 Weight (Kg.) 0.41	
SBO-E-3 48040-15		106.65
1" NPT Beta Ratio 0.715, Head Loss 65%; 576 scfh	Delivery Info B Product Group 600 Weight (lbs.) 0.90 Weight (Kg.) 0.41	
SBO-F-13 48040-16		106.65
1" NPT Beta Ratio 0.632, Head Loss 58%; 720 scfh	Delivery Info C Product Group 600 Weight (lbs.) 0.90 Weight (Kg.) 0.41	
SBO-X-1 48040-23		106.65
1" NPT Beta Ratio 0.417, Head Loss 80%; 159 scfh	Delivery Info B Product Group 600 Weight (lbs.) 0.90 Weight (Kg.) 0.41	
SBO-585 48040-17		155.36
1 1/4" NPT Beta Ratio 0.634, Head Loss 65%; 700 scfh	Delivery Info C Product Group 600 Weight (lbs.) 1.00 Weight (Kg.) 0.45	
SBO-667 48040-18		155.36
1 1/4" NPT Beta Ratio 0.725, Head Loss 55%; 1030 scfh	Delivery Info B Product Group 600 Weight (lbs.) 1.00 Weight (Kg.) 0.45	

600 Brass Orifices & Venturi Meters

Model / Tech. Data	Order No.	List Price
SBO-396	48040-24	155.36
1 1/4" NPT Beta Ratio 0.430, Head Loss 82%; 290 scfh	Delivery Info B Product Group 600 Weight (lbs.) 1.00 Weight (Kg.) 0.45	
SBO-478	48040-25	155.36
1 1/4" NPT Beta Ratio 0.520, Head Loss 76%; 438 scfh	Delivery Info B Product Group 600 Weight (lbs.) 1.00 Weight (Kg.) 0.45	
SBO-685	48040-19	163.21
1 1/2" NPT Beta Ratio 0.738, Head Loss 47%; 1380 scfh	Delivery Info C Product Group 600 Weight (lbs.) 1.20 Weight (Kg.) 0.54	
SBO-722	48040-20	163.21
1 1/2" NPT Beta Ratio 0.776, Head Loss 42%; 1608 scfh	Delivery Info C Product Group 600 Weight (lbs.) 1.20 Weight (Kg.) 0.54	
SBO-440	48040-26	163.21
1 1/2" NPT Beta Ratio 0.410, Head Loss 78%; 355 scfh	Delivery Info B Product Group 600 Weight (lbs.) 1.20 Weight (Kg.) 0.54	
SBO-559	48040-27	163.21
1 1/2" NPT Beta Ratio 0.602, Head Loss 67%; 806 scfh	Delivery Info B Product Group 600 Weight (lbs.) 1.20 Weight (Kg.) 0.54	
SBO-628	48040-28	163.21
1 1/2" NPT Beta Ratio 0.677, Head Loss 58%; 1084 scfh	Delivery Info B Product Group 600 Weight (lbs.) 1.20 Weight (Kg.) 0.54	
SBO-621	48040-21	214.74
2" NPT Beta Ratio 0.665, Head Loss 60%; 1689 scfh	Delivery Info B Product Group 600 Weight (lbs.) 1.50 Weight (Kg.) 0.68	

600 Brass Orifices & Venturi Meters

Model / Tech. Data	Order No.	List Price
SBO-677	48040-22	214.74
2" NPT Beta Ratio 0.725, Head Loss 48%; 2350 scfh	Delivery Info B Product Group 600 Weight (lbs.) 1.50 Weight (Kg.) 0.68	
SBO-448	48040-29	214.74
2" NPT Beta Ratio 0.479, Head Loss 78%; 794 scfh	Delivery Info C Product Group 600 Weight (lbs.) 1.50 Weight (Kg.) 0.68	
SBO-551	48040-30	214.74
2" NPT Beta Ratio 0.590, Head Loss 68%; 1259 scfh	Delivery Info B Product Group 600 Weight (lbs.) 1.50 Weight (Kg.) 0.68	
SBO-369	48040-31	214.74
2" NPT Beta Ratio 0.392, Head Loss 84%; 650 scfh	Delivery Info C Product Group 600 Weight (lbs.) 1.50 Weight (Kg.) 0.68	
VCW -628	48070-2	511.36
2 1/2" NPT Head Loss 10%	Delivery Info C Product Group 600 Weight (lbs.) 5.22 Weight (Kg.) 2.37	
VCW-746	48070-3	511.36
2 1/2" NPT Head Loss 10%	Delivery Info C Product Group 600 Weight (lbs.) 5.22 Weight (Kg.) 2.37	
VCW-623	48070-4	549.74
3" NPT Head Loss 10%	Delivery Info C Product Group 600 Weight (lbs.) 2.90 Weight (Kg.) 1.32	
VCW-745	48070-5	549.74
3" NPT Head Loss 10%	Delivery Info C Product Group 600 Weight (lbs.) 2.90 Weight (Kg.) 1.32	

600 Brass Orifices & Venturi Meters

Model / Tech. Data		Order No.	List Price
VCW-675		48070-6	769.52
4" NPT Beta Ratio 0.675, Head Loss 10%; 8485 scfh	Delivery Info C Product Group 600 Weight (lbs.) 7.00 Weight (Kg.) 3.18		
VCW-555		48070-7	769.52
4" NPT Head Loss 10%	Delivery Info C Product Group 600 Weight (lbs.) 2.40 Weight (Kg.) 1.09		
VCW-743		48070-8	1,172.16
6" NPT Beta Ratio 0.743, Head Loss 10%; 16122 scfh	Delivery Info C Product Group 600 Weight (lbs.) 10.10 Weight (Kg.) 4.59		
VCW-750		48070-11	1,700.93
8" NPT Head Loss 10%	Delivery Info C Product Group 600 Weight (lbs.) 3.20 Weight (Kg.) 1.45		
VCW-755		48070-12	2,728.49
10" NPT Head Loss 10%	Delivery Info C Product Group 600 Weight (lbs.) 4.70 Weight (Kg.) 2.13		
VCW-750		48070-13	3,981.54
12" NPT Head Loss 10%	Delivery Info C Product Group 600 Weight (lbs.) 7.30 Weight (Kg.) 3.31		
VCW-756		48070-14	5,329.29
14" NPT Head Loss 10%	Delivery Info C Product Group 600 Weight (lbs.) 12.40 Weight (Kg.) 5.63		
VCW-721		48070-15	7,534.40
16" NPT Head Loss 10%	Delivery Info C Product Group 600 Weight (lbs.) 14.00 Weight (Kg.) 6.36		

600 Brass Orifices & Venturi Meters

Model / Tech. Data	Order No.	List Price
VBS-138	48060-1	272.21
3/4" NPT Head Loss 10%	Delivery Info C Product Group 600 Weight (lbs.) 1.44 Weight (Kg.) 0.65	
VBS-276	48060-2	272.21
3/4" NPT Head Loss 10%	Delivery Info C Product Group 600 Weight (lbs.) 1.40 Weight (Kg.) 0.64	
VBS-327	48060-3	272.21
1/2" NPT Beta Ratio 0.327, Head Loss 10%; 64 scfh	Delivery Info C Product Group 600 Weight (lbs.) 1.00 Weight (Kg.) 0.45	
VBS-414	48060-4	272.21
3/4" NPT Head Loss 10%	Delivery Info C Product Group 600 Weight (lbs.) 1.40 Weight (Kg.) 0.64	
VBS-550	48060-5	272.21
3/4" NPT Head Loss 10%	Delivery Info C Product Group 600 Weight (lbs.) 1.40 Weight (Kg.) 0.64	
VBS-230	48060-6	272.21
1/2" NPT Head Loss 10%	Delivery Info C Product Group 600 Weight (lbs.) 0.95 Weight (Kg.) 0.43	
VBS-270	48060-7	278.15
1" NPT Head Loss 10%	Delivery Info C Product Group 600 Weight (lbs.) 1.90 Weight (Kg.) 0.86	
VBS-406	48060-8	278.15
1" NPT Beta Ratio 0.406, Head Loss 10%; 204 scfh	Delivery Info C Product Group 600 Weight (lbs.) 1.00 Weight (Kg.) 0.45	

600 Brass Orifices & Venturi Meters

Model / Tech. Data	Order No.	List Price								
VBS-513	48060-9	278.15								
1" NPT Head Loss 10%	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>600</td> </tr> <tr> <td>Weight (lbs.)</td> <td>1.90</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.86</td> </tr> </table>	Delivery Info	C	Product Group	600	Weight (lbs.)	1.90	Weight (Kg.)	0.86	
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Product Group	600									
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Weight (Kg.)	0.86									
VBS-648	48060-10	278.15								
1" NPT Head Loss 10%	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>600</td> </tr> <tr> <td>Weight (lbs.)</td> <td>1.90</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.86</td> </tr> </table>	Delivery Info	C	Product Group	600	Weight (lbs.)	1.90	Weight (Kg.)	0.86	
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VBS-500	48060-11	290.98								
1 1/4" NPT Head Loss 10%	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>600</td> </tr> <tr> <td>Weight (lbs.)</td> <td>1.00</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.45</td> </tr> </table>	Delivery Info	C	Product Group	600	Weight (lbs.)	1.00	Weight (Kg.)	0.45	
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VBS-616	48060-12	290.98								
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Weight (Kg.)	0.45									
VBS-505	48060-13	313.46								
1 1/2" NPT Head Loss 10%	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>600</td> </tr> <tr> <td>Weight (lbs.)</td> <td>2.90</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.32</td> </tr> </table>	Delivery Info	C	Product Group	600	Weight (lbs.)	2.90	Weight (Kg.)	1.32	
Delivery Info	C									
Product Group	600									
Weight (lbs.)	2.90									
Weight (Kg.)	1.32									
VBS-632	48060-14	313.46								
1 1/2" NPT Head Loss 10%	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>600</td> </tr> <tr> <td>Weight (lbs.)</td> <td>2.90</td> </tr> <tr> <td>Weight (Kg.)</td> <td>1.32</td> </tr> </table>	Delivery Info	C	Product Group	600	Weight (lbs.)	2.90	Weight (Kg.)	1.32	
Delivery Info	C									
Product Group	600									
Weight (lbs.)	2.90									
Weight (Kg.)	1.32									
VBS-485	48060-15	420.96								
2" NPT Beta Ratio 0.485, Head Loss 10%; 1043 scfh	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>600</td> </tr> <tr> <td>Weight (lbs.)</td> <td>1.60</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.73</td> </tr> </table>	Delivery Info	C	Product Group	600	Weight (lbs.)	1.60	Weight (Kg.)	0.73	
Delivery Info	C									
Product Group	600									
Weight (lbs.)	1.60									
Weight (Kg.)	0.73									
VBS-685	48060-16	420.96								
2" NPT Head Loss 10%	<table border="1"> <tr> <td>Delivery Info</td> <td>C</td> </tr> <tr> <td>Product Group</td> <td>600</td> </tr> <tr> <td>Weight (lbs.)</td> <td>1.50</td> </tr> <tr> <td>Weight (Kg.)</td> <td>0.68</td> </tr> </table>	Delivery Info	C	Product Group	600	Weight (lbs.)	1.50	Weight (Kg.)	0.68	
Delivery Info	C									
Product Group	600									
Weight (lbs.)	1.50									
Weight (Kg.)	0.68									

600 Brass Orifices & Venturi Meters

Model / Tech. Data	Order No.	List Price
VBS-608	48060-17	500.65
2 1/2" NPT Head Loss 10%	Delivery Info C Product Group 600 Weight (lbs.) 2.90 Weight (Kg.) 1.32	
VBS-750	48060-18	500.65
2 1/2" NPT Head Loss 10%	Delivery Info C Product Group 600 Weight (lbs.) 5.22 Weight (Kg.) 2.37	
CO-708-2.5	48050-1	282.76
2 1/2" Beta Ratio 0.708, Head Loss 45%; 294 scfh	Delivery Info B Product Group 600 Weight (lbs.) 2.90 Weight (Kg.) 1.32	
CO-810-2.5	48050-2	282.76
2 1/2" Beta Ratio 0.810, Head Loss 20%	Delivery Info C Product Group 600 Weight (lbs.) 2.90 Weight (Kg.) 1.32	
CO-653-3	48050-3	366.85
3" Beta Ratio 0.653, Head Loss 57%; 365 scfh	Delivery Info C Product Group 600 Weight (lbs.) 2.90 Weight (Kg.) 1.32	
CO-734-3	48050-4	366.85
3" Beta Ratio 0.734, Head Loss 40%	Delivery Info C Product Group 600 Weight (lbs.) 2.90 Weight (Kg.) 1.32	
CO-794-3	48050-5	366.85
3" Beta Ratio 0.794, Head Loss 30%	Delivery Info C Product Group 600 Weight (lbs.) 3.20 Weight (Kg.) 1.45	
CO-575-6	48050-6	568.17
6" Beta Ratio 0.575, Head Loss 66%; 1100 scfh	Delivery Info C Product Group 600 Weight (lbs.) 2.90 Weight (Kg.) 1.32	

600 Brass Orifices & Venturi Meters

Model / Tech. Data		Order No.	List Price
CO-619-4		48050-7	447.16
4"	Delivery Info C		
Beta Ratio 0.619, Head Loss 60%	Product Group 600		
	Weight (lbs.) 5.20		
	Weight (Kg.) 2.36		
CO-712-4		48050-8	447.16
4"	Delivery Info C		
Beta Ratio 0.712, Head Loss 45%	Product Group 600		
	Weight (lbs.) 5.20		
	Weight (Kg.) 2.36		
CO-804-4		48050-9	447.16
4"	Delivery Info C		
Beta Ratio 0.804, Head Loss 22%	Product Group 600		
	Weight (lbs.) 5.20		
	Weight (Kg.) 2.36		
CO-750-5		48050-10	509.06
5"	Delivery Info C		
Beta Ratio 0.750, Head Loss 32%	Product Group 600		
	Weight (lbs.) 2.70		
	Weight (Kg.) 1.23		
CO-750-6		48050-11	568.17
6"	Delivery Info C		
Beta Ratio 0.750, Head Loss 32%	Product Group 600		
	Weight (lbs.) 2.90		
	Weight (Kg.) 1.32		
CO-800-8		48050-12	703.90
8"	Delivery Info C		
Beta Ratio 0.800, Head Loss 25%	Product Group 600		
	Weight (lbs.) 3.20		
	Weight (Kg.) 1.45		
CO-775-10		48050-13	914.06
10"	Delivery Info C		
Beta Ratio 0.775, Head Loss 28%	Product Group 600		
	Weight (lbs.) 4.70		
	Weight (Kg.) 2.13		
CO-792-12		48050-14	1,455.46
12"	Delivery Info C		
Beta Ratio 0.792, Head Loss 25%	Product Group 600		
	Weight (lbs.) 7.30		
	Weight (Kg.) 3.31		

600 Brass Orifices & Venturi Meters

Model / Tech. Data	Order No.	List Price
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CO-800-14

48050-15

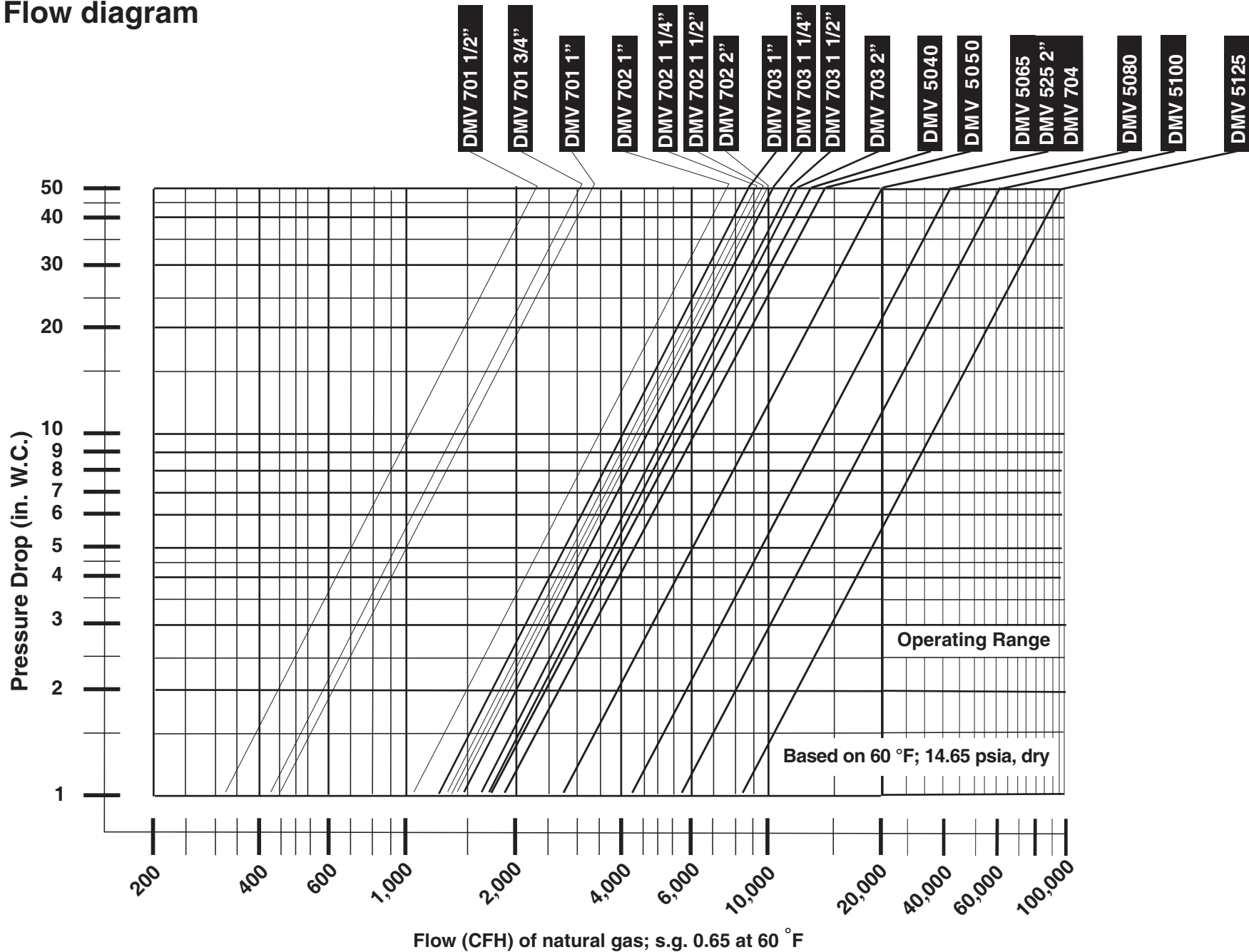
14"	Delivery Info C
Beta Ratio 0.800, Head Loss 25%	Product Group 600
	Weight (lbs.) 12.40
	Weight (Kg.) 5.63

PRICE ON REQUEST

DMV Family



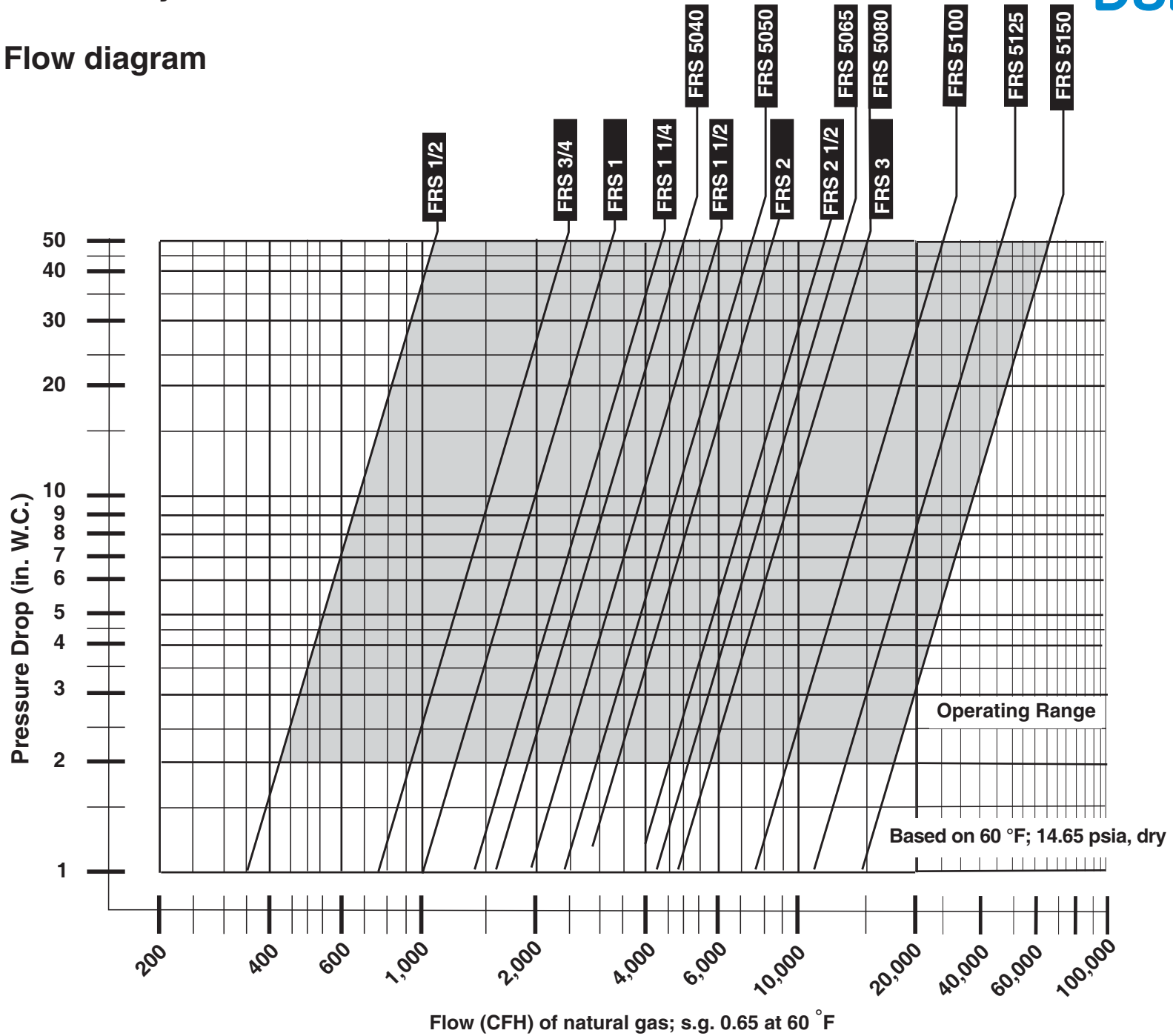
Flow diagram



FRS Family



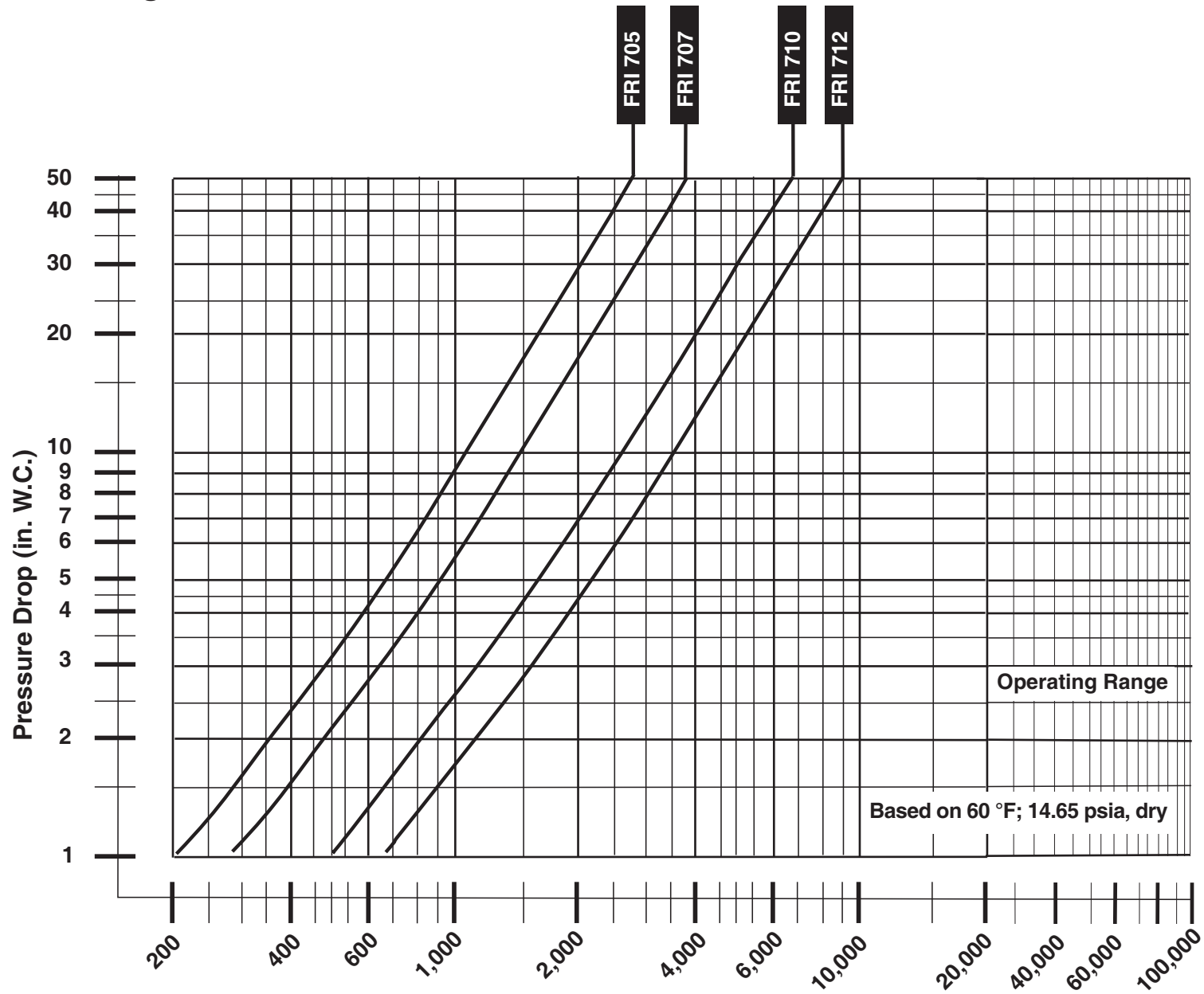
Flow diagram



FRI Family



Flow diagram

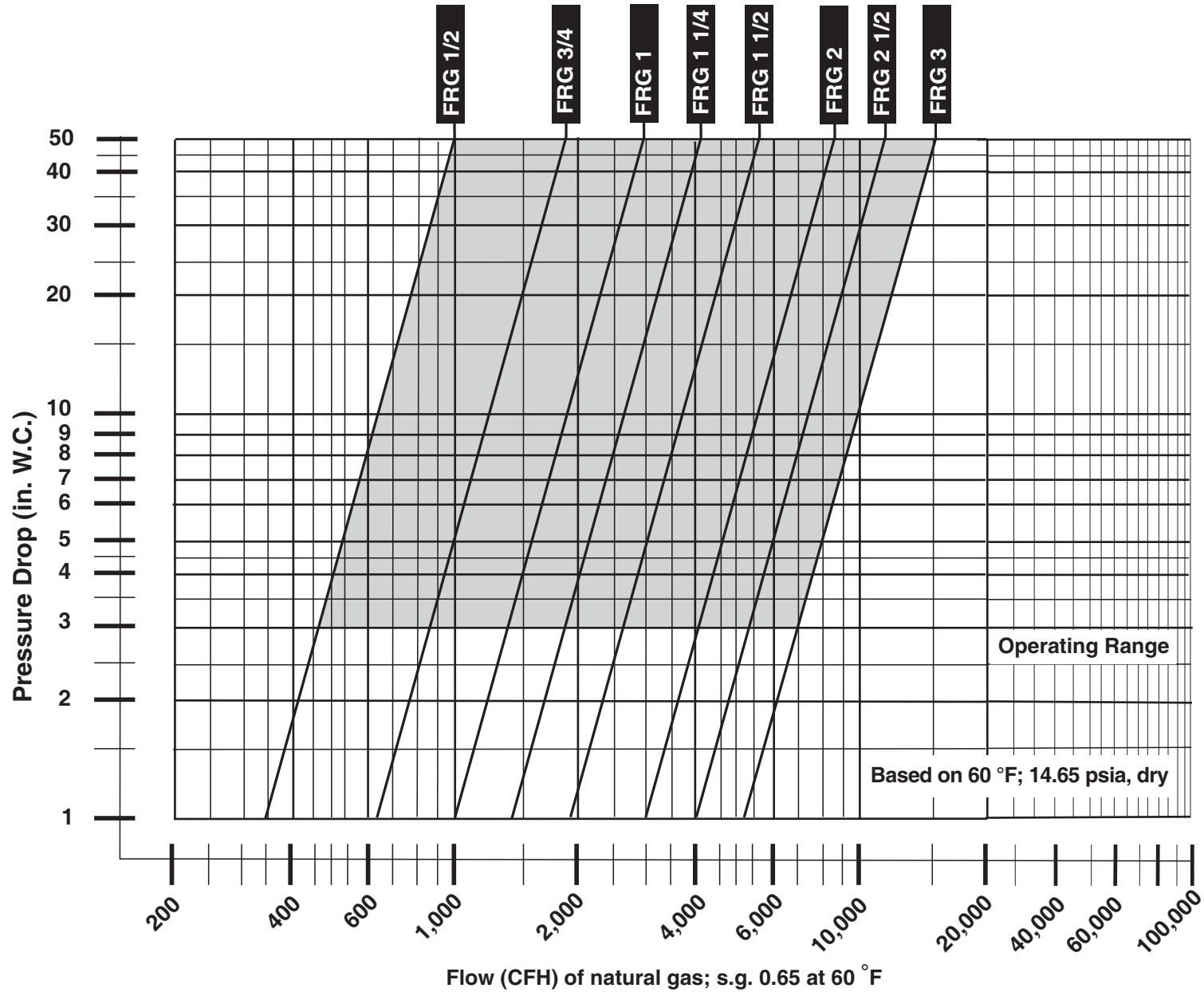


Flow (CFH) of natural gas; s.g. 0.65 at 60 °F
Inlet 20 in W.C.
Outlet 4 in W.C.

FRG Family



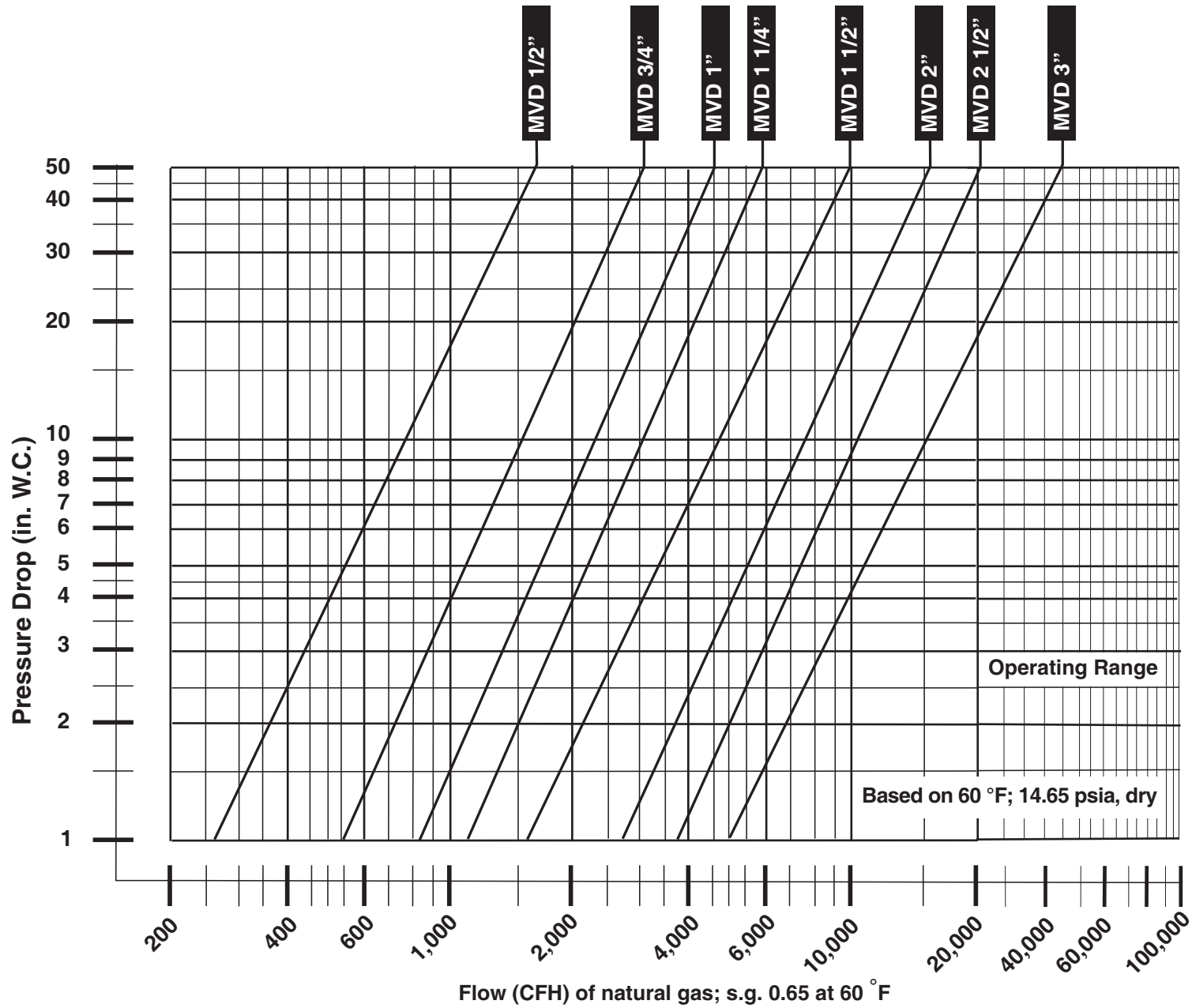
Flow diagram



MVD Family



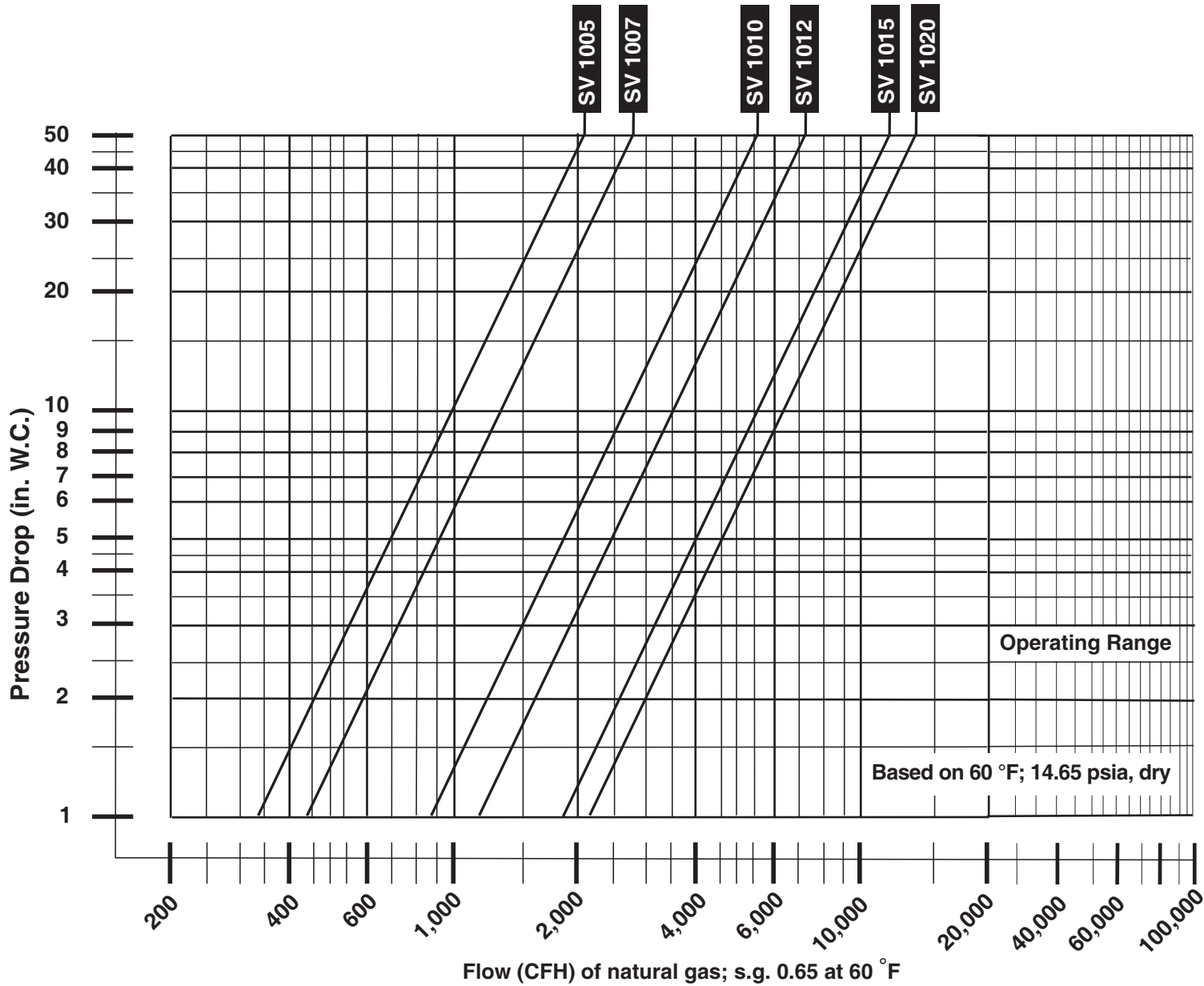
Flow diagram



SV Family



Flow diagram



FRNG Family



Flow diagram

