

Wastewater

Product Catalog

• Sump • Sewage • Effluent • Utilities • Accessories



Wastewater

Water Systems

HVAC

Industrial

Engineered
Products

LittleGIANT®

Pumps. People. Partnerships.

New products

Pit+Plus® Jr. Simplex Package Systems

The sewage systems for difficult terrain. A shorter, wide basin means there's less ground to dig. Plus the large basin capacity increases pump life by decreasing pumping cycles.

See page 38 for more information.

18S Sewage Pump

With a maximum head of 64 feet, and a high flow rate of 160 GPM, the new 1-1/2 HP 18S Sewage Pump can help you bring even the toughest job down to size.

See page 36 for more information.

2 HP Automatic Grinder Pump

Patented anti-roping, self-aligning cutters have been engineered for better grinding, lower amps (13.9 amps), and fewer relay engagements.

See page 43 for more information.

WCR-9S Water Collection System

Designed to collect and remove water run-off from low-lying problem areas. Includes 9S Series sewage pump with float switch, basin, cover, and piping.

See page 42 for more information.

High-Head Filtered Effluent Pump Line

For applications where filtered effluent must be transferred under pressure. The first product available to the water transfer industry that combines the exceptional quality of Little Giant pumps with the proven reliability of a Franklin Electric 4" submersible motor.

See page 27 for more information.



See your distributor for more information,
or call Franklin Electric directly at 1-800-701-7894.

Wastewater Product Catalog

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Sump Pumps

5.5 SERIES 1/4 HP



Applications

- Basement sumps

Features

- 1/4 HP shaded pole motor with overload protection
- Zinc housing, polypropylene volute for corrosion resistance
- 3/4" (19 mm) garden hose adapter included
- Integral snap action float switch
- Multiple power cord lengths available
- UL / CSA listed

Series Specifications

Capacity: 40 GPM @ 1'
(151 LPM @ 0.3 m)

Shut Off: 25' (7.6 m)

Liquid Temperature: 120°F (49°C)

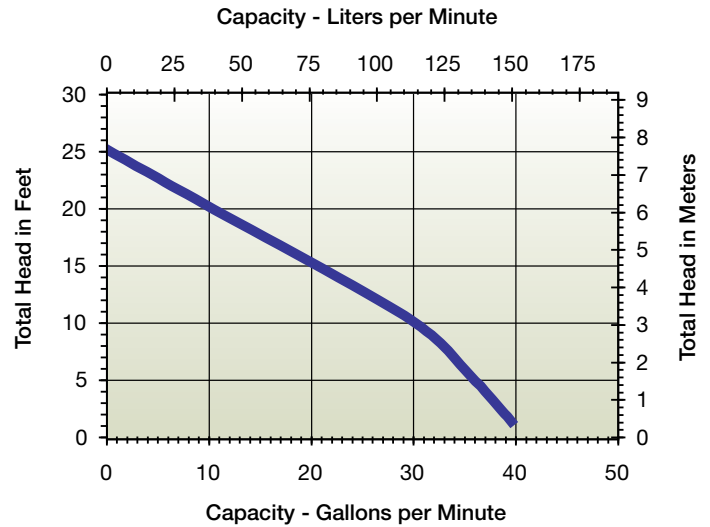
Discharge: 1-1/4" (31.7 mm)

Electrical: 115v, 60Hz

Operation: Automatic

Solids Handling: Up to 3/8" (9.5 mm)

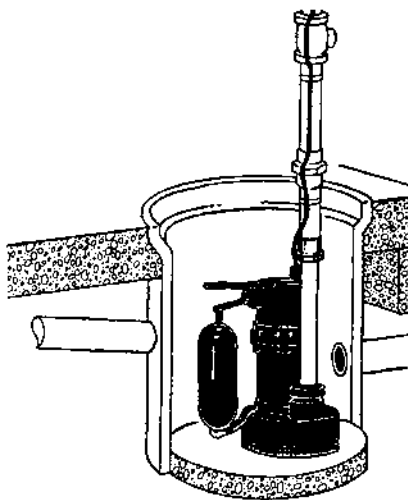
Performance Curve



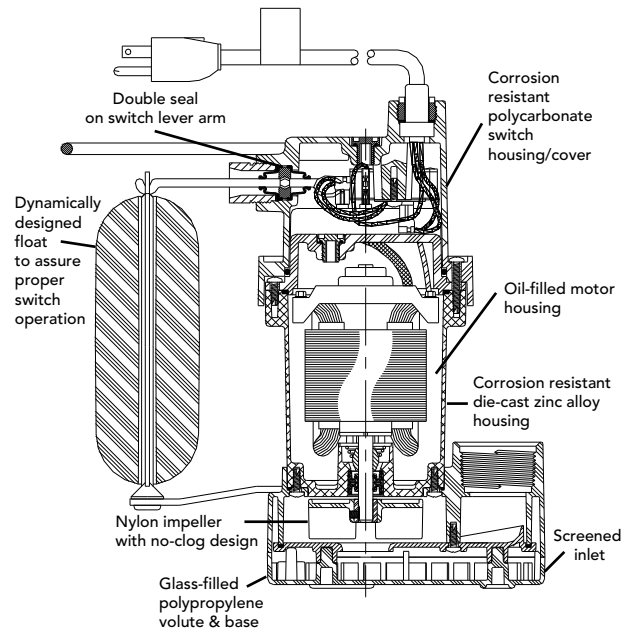
Model Characteristics

Item #	Model	Volts	Adapter	Cord	Switch Type	On Level	Off Level
505700	5.5-ASP	115	1-1/4" FNPT 31.7 mm	10' 3 m	Integral Snap Action Float	7" - 10" 17.8 cm - 25.4 cm	2" - 5" 5 cm - 12.7 cm
505701	5.5-ASP	115	1-1/4" FNPT 31.7 mm	25' 7.6 m	Integral Snap Action Float	7" - 10" 17.8 cm - 25.4 cm	2" - 5" 5 cm - 12.7 cm

Typical Installation



Features



For more information call 1.800.701.7894

Sump Pumps

TSW SERIES 1/3 HP



Applications

- Basement sumps, flood control

Features

- 1/3 HP permanent split capacitor motor
- Non-corrosive construction
- Designed to be installed suspended from basin cover; leg kit raises pump 2-1/4" (5.7 cm)
- Mechanical seal
- Upper and lower single row ball bearings
- Solid state switch for automatic operation
- Electrical plug has high water alarm light, 85 dba horn, and run light built in
- Includes leg kit
- UL / CSA listed

Series Specifications

Capacity: 45 GPM @ 5'
(170 LPM @ 1.5 m)

Shut Off: 32' (9.8 m)

Liquid Temperature: 140°F (60°C)

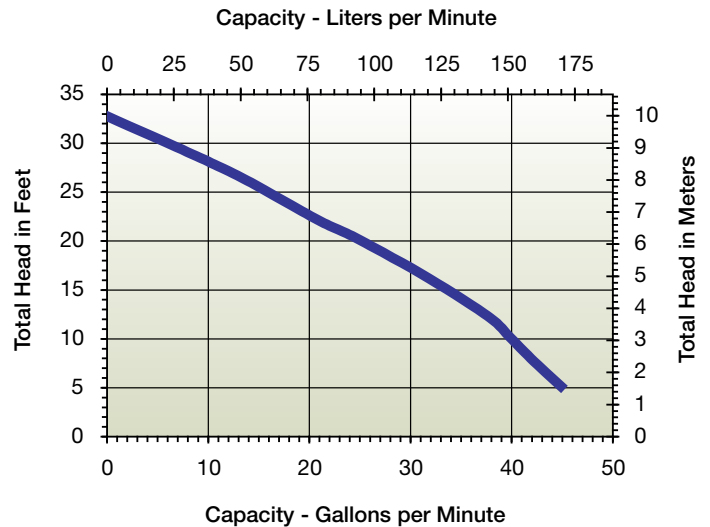
Discharge: 1-1/2" FNPT (38 mm)

Impeller: Recessed nylon

Electrical: 115v, 60Hz

Operation: Automatic

Performance Curve



Model Characteristics

Item #	Model	Volts	Cord	Switch Type	On Level	Off Level	Alarm Level
507700	TSW-SP	115	10' 3 m	Integral Solid State Electronic	10.5" - 11.5" 26.7 cm - 29.2 cm	3" - 4" 7.6 cm - 10.2 cm	11.5" - 12.5" 29.2 cm - 31.7 cm

Battery Back-Ups

TSW-APS 1/3 HP



Applications

- Designed exclusively for use with TSW-SP

Features

- Eliminates need and cost of installing a "back-up" pump that operates when power is out
- Converts pump to DC power in the event of a power failure
- Includes inverter, battery box, and battery cover strap (battery not included)

Model Characteristics

Item #	Model
507701	TSW-APS

Sump Pumps

6 SERIES 1/3 HP



Applications

- Basement sumps, dewatering, water transfer

Features

- 1/3 HP shaded pole motor with overload protection
- Designed for continuous duty
- Epoxy coated cast iron housing
- 1-1/4" (31.7 mm) adapter and 3/4" (19 mm) garden hose adapter available
- Carbon/ceramic shaft seal
- Upper and lower sintered sleeve bearings
- Multiple switch options for automatic operation
- Multiple power cord lengths available
- UL / CSA listed (115v models only)

Series Specifications

Capacity: 46 GPM @ 5'
(174 LPM @ 1.5 m)

Electrical: 115v, 50/60Hz
230v, 50/60Hz

Shut-Off: 18' (5.5 m)

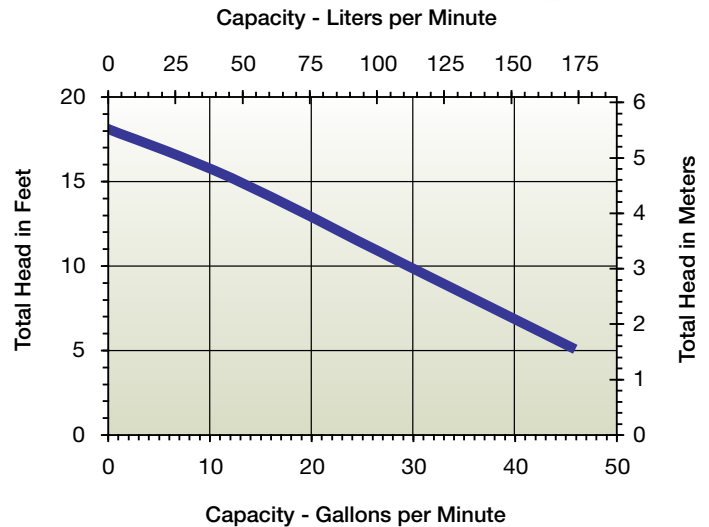
Operation: Automatic or Manual

Liquid Temperature: 140°F (60°C)

Discharge: 1-1/2" FNPT (38 mm)

Impeller: Nylon

Performance Curve



Model Characteristics

Item #	Model	Volts	Adapter	Cord	Switch Type	On Level	Off Level
506158	6-CIA	115		8' 2.4 m	Integral Diaphragm	7" - 10" 17.8 cm - 25.4 cm	1" - 4" 2.5 cm - 10.2 cm
506174	6-CIA	115		8' 2.4 m	Integral Diaphragm	7" - 10" 17.8 cm - 25.4 cm	1" - 4" 2.5 cm - 10.2 cm
506162	6-CIA	115		8' 2.4 m	Integral Diaphragm	7" - 10" 17.8 cm - 25.4 cm	1" - 4" 2.5 cm - 10.2 cm
506168	6-CIA	115		10' 3 m	Integral Diaphragm	7" - 10" 17.8 cm - 25.4 cm	1" - 4" 2.5 cm - 10.2 cm
506125	6-CIA	115		25' 7.6 m	Integral Diaphragm	7" - 10" 17.8 cm - 25.4 cm	1" - 4" 2.5 cm - 10.2 cm
506166	6-CIA	230		8' 2.4 m	Integral Diaphragm	7" - 10" 17.8 cm - 25.4 cm	1" - 4" 2.5 cm - 10.2 cm
506171	6-CIA-RFS	115		10' 3 m	Piggyback Mechanical Float	9" - 11" 23 cm - 28 cm	3" - 5" 7.6 cm - 12.7 cm
506267	6-CIA-RS	115	1-1/4" FNPT & 3/4" GHT 31.7 mm & 19 mm	10' 3 m	Integral Diaphragm	7" - 10" 17.8 cm - 25.4 cm	1" - 4" 2.5 cm - 10.2 cm
506268	6-CIA-VDS	115		10' 3 m	Piggyback Diaphragm	8" - 10" 20.3 cm - 25.4 cm	2" - 4" 5 cm - 10.2 cm
506266	6-CIM	230	1-1/4" FNPT & 3/4" GHT 31.7 mm & 19 mm	12' 8.6 m	Manual	-	-
506271	6-CIM-R	115	1-1/4" FNPT & 3/4" GHT 31.7 mm & 19 mm	10' 3 m	Manual	-	-
506274	6-CIM-R	115	1-1/4" FNPT & 3/4" GHT 31.7 mm & 19 mm	25' 7.6 m	Manual	-	-

Sump Pumps

VS-P SERIES 1/3 HP



Applications

- Basement sumps

Features

- 1/3 HP
- Designed for continuous duty
- 1-1/4" FNPT (31.7 mm) discharge
- ABS plastic volute for corrosion resistance
- Thermal overload protection
- Adjustable snap action float switch
- 8' (2.4 m) power cord
- UL / CSA listed

Series Specifications

Capacity: 47 GPM @ 5'
(178 LPM @ 1.5 m)

Shut-Off: 17' (5 m)

Liquid Temperature: 140°F (60°C)

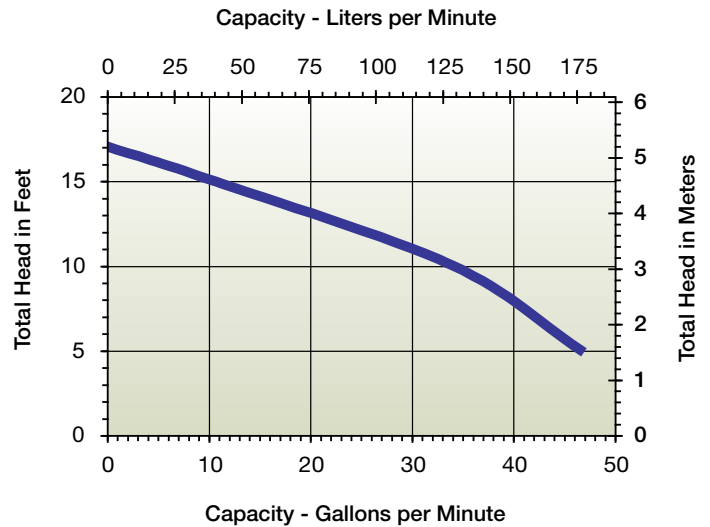
Discharge: 1-1/4" (31.7 mm)

Electrical: 115v, 60Hz

Operation: Automatic

Solids Handling: Up to 1/4" (6 mm)

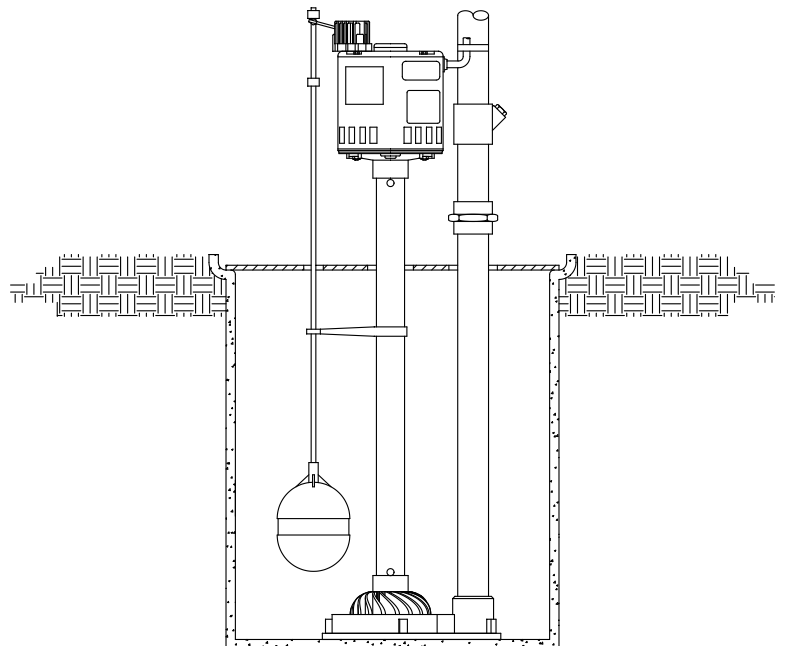
Performance Curve



Model Characteristics

Item #	Model	Volts	Cord	Switch Type	On Level	Off Level
					10" - 5"	9" - 4"
547151	VS-P2800	115	8' 2.4 m	Adjustable Snap Action Float	25.4 cm - 12.7 cm	23 cm - 10.2 cm

Typical Installation



For more information call 1.800.701.7894

Sump Pumps

6E SERIES 1/3 HP

Sump/Effluent



Applications

- Basement sumps, dewatering, water transfer, light effluent

Features

- 1/3 HP shaded pole motor with overload protection
- Designed for continuous duty
- Epoxy coated cast iron housing
- High temperature model available
- Carbon/ceramic shaft seal
- Upper and lower sintered sleeve bearings
- Multiple switch options for automatic operation
- Multiple power cord lengths available
- UL / CSA listed (115v / 230v models only)

Series Specifications

Capacity: 50 GPM @ 5'
(189 LPM @ 1.5 m)

Shut Off: 20' (6 m)

Liquid Temperature: 140°F (60°C)

Discharge: 1-1/2" FNPT (38 mm)

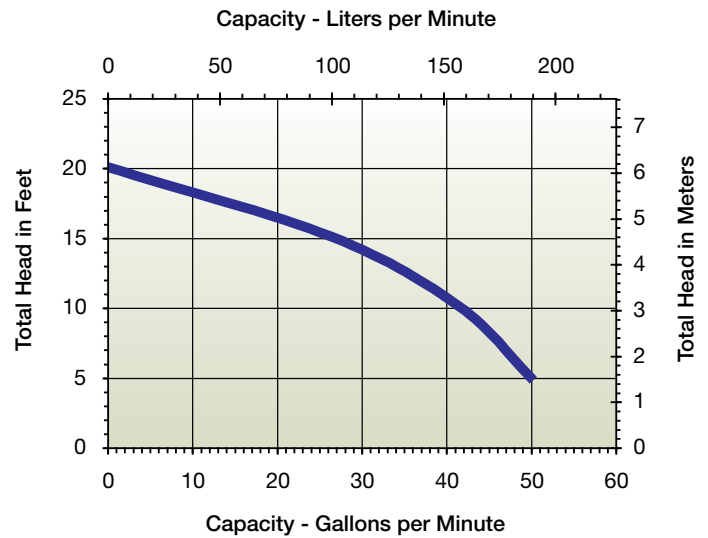
Impeller: Nylon

Electrical: 115v, 60Hz
230v, 60Hz
127v, 60Hz

Operation: Automatic or Manual

Solids Handling: 1/2" (12.7 mm)

Performance Curve



Model Characteristics

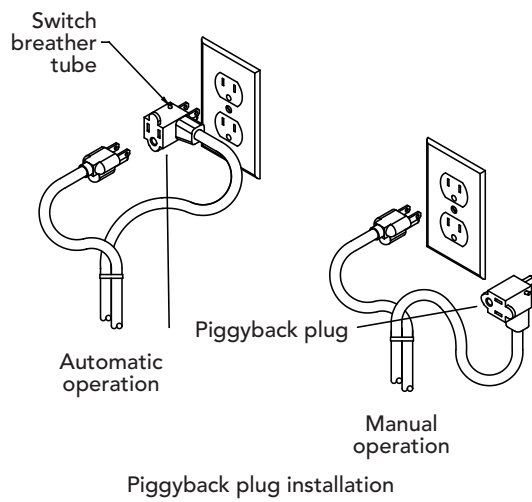
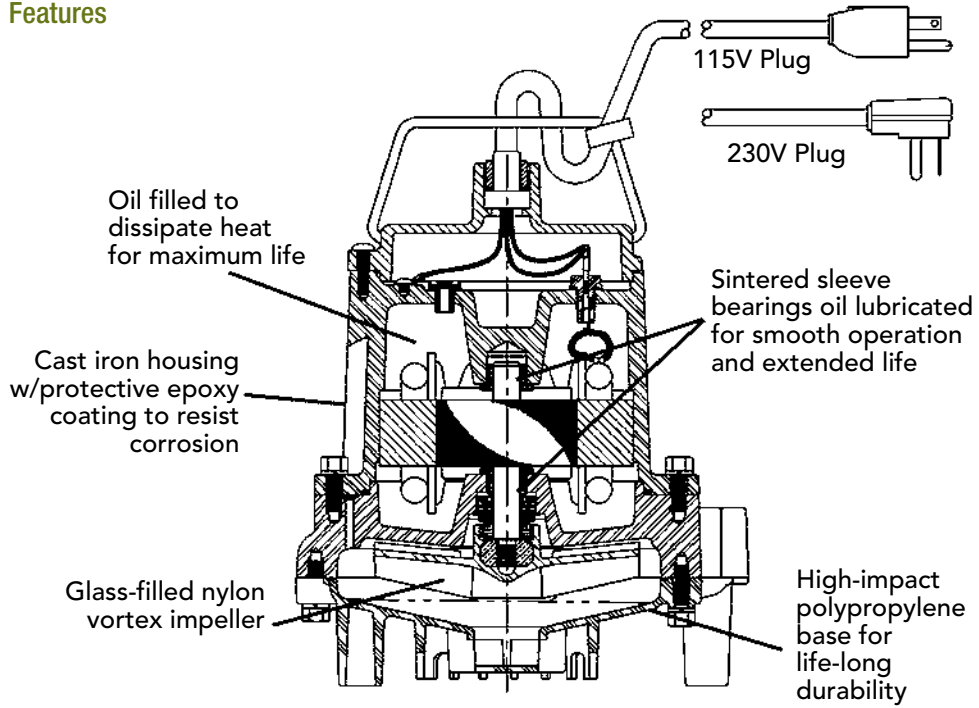
Item #	Model	Volts	Cord	Switch Type	On Level	Off Level
506740	6E-CIA-RFSN	115	10' 3 m	Piggyback Mechanical Float	7" - 10" 17.8 cm - 25.4 cm	2" - 5" 5 cm - 12.7 cm
506700	6E-CIA-SFS	115	10' 3 m	Integral Snap Action Float	7" - 10" 17.8 cm - 25.4 cm	2" - 5" 5 cm - 12.7 cm
506701	6E-CIA-SFS	115	25' 7.6 m	Integral Snap Action Float	7" - 10" 17.8 cm - 25.4 cm	2" - 5" 5 cm - 12.7 cm
506720	6E-CIA-SFS	230	15' 4.6 m	Integral Snap Action Float	7" - 10" 17.8 cm - 25.4 cm	2" - 5" 5 cm - 12.7 cm
506712	6E-CIA-VDS	115	10' 3 m	Piggyback Vertical Diaphragm	10" 25.4 cm	4" 10.2 cm
506710	6E-CIM	115	10' 3 m	Manual	-	-
506711	6E-CIM	115	25' 7.6 m	Manual	-	-
506730	6E-CIM	230	15' 4.6 m	Manual	-	-
506735*	6E-CIM	230	25' 7.6 m (w/o plug)	Manual	-	-

* CSA only

6E SERIES 1/3 HP

Sump/Effluent continued

Features



Sump Pumps

6E SERIES (High Temperature) 1/3 HP

Sump/Effluent



Applications

- Boiler blow-down sump pits, transformer vaults

Features

- 1/3 HP shaded pole motor with overload protection
- Designed for continuous duty
- Epoxy coated cast iron housing
- Carbon/Ni-Resist & Viton® shaft seal
- Upper and lower sintered sleeve bearings
- CSA listed

Series Specifications

Capacity: 50 GPM @ 5'
(189 LPM @ 1.5 m)

Shut Off: 20' (6 m)

Liquid Temperature: 200°F (93°C)

Discharge: 1-1/2" FNPT (38 mm)

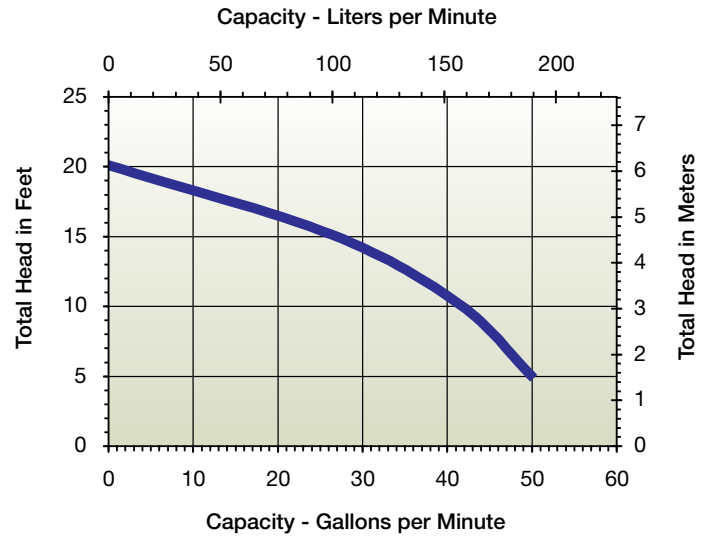
Impeller: Vortex nylon

Electrical: 115v, 60Hz

Operation: Automatic

Solids Handling: 1/2" (12.7 mm)

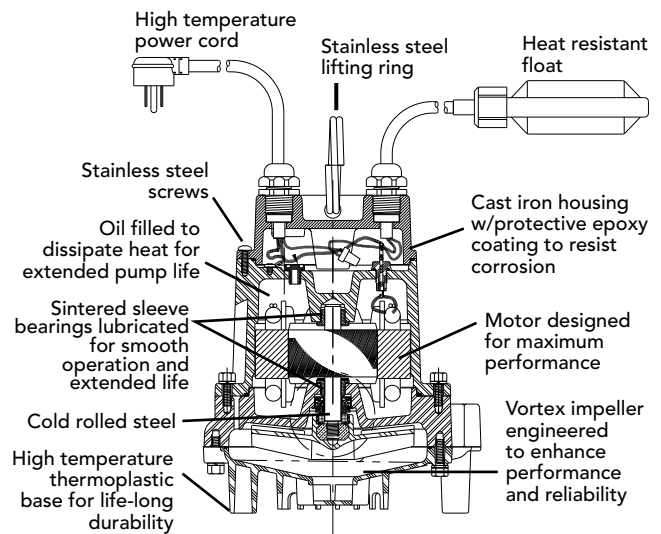
Performance Curve



Model Characteristics

Item #	Model	Volts	Cord	Switch Type	On Level		Off Level	
					10" - 12"	25.4 cm - 30.5 cm	2" - 4"	5 cm - 10.2 cm
506600	HT-6E-CIA-FS	115	15' 4.6 m	Integral Mechanical Float				

Features



Sump Pumps

ES33 SERIES 1/3 HP

Sump/Effluent



Applications

- Basement sumps, dewatering, water transfer, light effluent

Features

- 1/3 HP permanent split capacitor motor with energy-conserving low amp draw
- Designed for continuous duty
- Epoxy coated cast iron housing
- 1-1/2" FNPT (38 mm) discharge
- Carbon/ceramic shaft seal
- Upper sintered sleeve bearing and lower ball bearings
- Vortex engineered composite impeller
- Thermal overload protection
- Multiple switch options for automatic operation
- Multiple power cord lengths available
- Manual operation available
- cCSAus listed

Series Specifications

Capacity: 52 GPM @ 5'
(197 LPM @ 1.5 m)

Shut Off: 20' (6 m)

Liquid Temperature: 140°F (60°C)

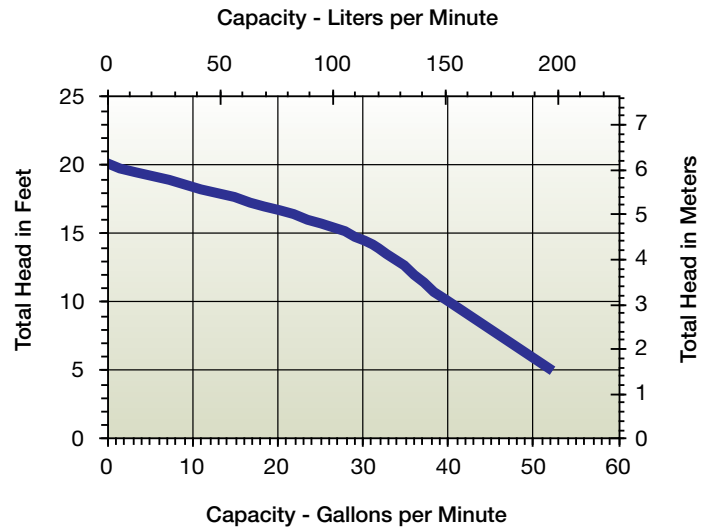
Discharge: 1-1/2" (38 mm)

Electrical: 115v, 60Hz

Operation: Automatic or Manual

Solids Handling: Up to 3/8" (9.5 mm)

Performance Curve



Model Characteristics

Item #	Model	Volts	Cord	Switch Type	On Level		Off Level	
					Feet	Centimeters	Feet	Centimeters
506420	ES33D1-10	115	10' 3 m	Piggyback Vertical Diaphragm	10" - 11.25"	25.4 cm - 28.5 cm	4.25" - 5.25"	10.7 cm - 13.3 cm
					10" - 11.25"	25.4 cm - 28.5 cm	4.25" - 5.25"	10.7 cm - 13.3 cm
506421	ES33D1-20	115	20' 6 m	Piggyback Vertical Diaphragm	10" - 11.25"	25.4 cm - 28.5 cm	4.25" - 5.25"	10.7 cm - 13.3 cm
					10" - 11.25"	25.4 cm - 28.5 cm	4.25" - 5.25"	10.7 cm - 13.3 cm
506422	ES33V1-10	115	10' 3 m	Piggyback Vertical Mechanical	4.25" - 5.75"	10.7 cm - 14.6 cm	1.5" - 2.5"	3.8 cm - 6.3 cm
					4.25" - 5.75"	10.7 cm - 14.6 cm	1.5" - 2.5"	3.8 cm - 6.3 cm
506423	ES33V1-20	115	20' 6 m	Piggyback Vertical Mechanical	4.25" - 5.75"	10.7 cm - 14.6 cm	1.5" - 2.5"	3.8 cm - 6.3 cm
					4.25" - 5.75"	10.7 cm - 14.6 cm	1.5" - 2.5"	3.8 cm - 6.3 cm
506424	ES33W1-10	115	10' 3 m	Piggyback Mechanical Float	11.5" - 12.5"	29.2 cm - 31.7 cm	4.5" - 5.5"	11.4 cm - 13.9 cm
					11.5" - 12.5"	29.2 cm - 31.7 cm	4.5" - 5.5"	11.4 cm - 13.9 cm
506425	ES33W1-20	115	20' 6 m	Piggyback Mechanical Float	11.5" - 12.5"	29.2 cm - 31.7 cm	4.5" - 5.5"	11.4 cm - 13.9 cm
					11.5" - 12.5"	29.2 cm - 31.7 cm	4.5" - 5.5"	11.4 cm - 13.9 cm
14940287	ES33M1-10	115	10' 3 m	Manual	-	-	-	-
14940288	ES33M1-20	115	20' 6 m	Manual	-	-	-	-

Sump Pumps

8 SERIES 4/10 HP



Applications

- Basement sumps, dewatering, water transfer

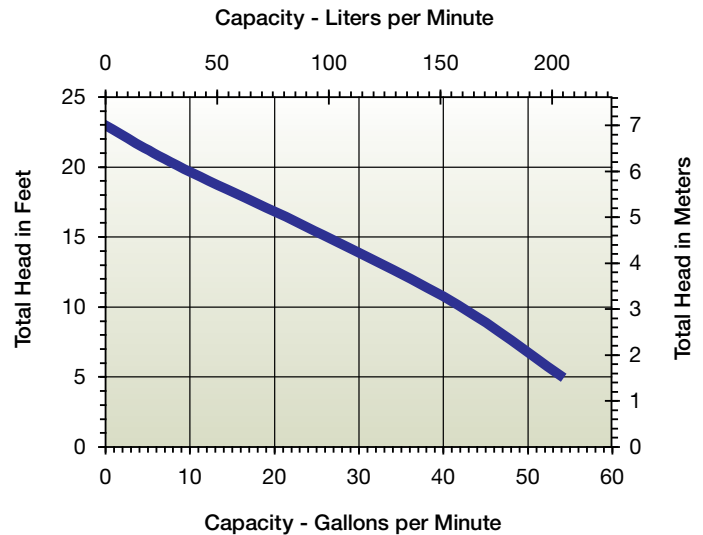
Features

- 4/10 HP shaded pole motor with overload protection
- Designed for continuous duty
- Epoxy coated cast iron housing
- Cast bronze housing available
- Carbon/ceramic shaft seal
- Upper and lower sintered sleeve bearings
- Multiple switch options for automatic operation
- Multiple power cord lengths available
- UL / CSA listed (115v models only)

Series Specifications

- Capacity:** 54 GPM @ 5'
(204 LPM @ 1.5 m)
- Shut Off:** 22.9' (6.98 m)
- Liquid Temperature:** 140°F (60°C)
- Discharge:** 1-1/2" FNPT (38 mm)
- Impeller:** Polypropylene
- Electrical:** 115v, 50/60Hz
- Operation:** Automatic or Manual

Performance Curve



Model Characteristics

Item #	Model	Volts	Cord	Housing	Switch Type	On Level	Off Level
508157	8-CIA	115	10' 3 m	Epoxy Coated Cast Iron	Integral Diaphragm	7" - 10" 17.8 cm - 25.4 cm	1" - 4" 2.5 cm - 10.2 cm
508158	8-CIA	115	25' 7.6 m	Epoxy Coated Cast Iron	Integral Diaphragm	7" - 10" 17.8 cm - 25.4 cm	1" - 4" 2.5 cm - 10.2 cm
508357	8-CBA	115	10' 3 m	Bronze	Integral Diaphragm	7" - 10" 17.8 cm - 25.4 cm	1" - 4" 2.5 cm - 10.2 cm
508059	8-CIA-VDS	115	10' 3 m	Epoxy Coated Cast Iron	Piggyback Vertical Diaphragm	8" - 10" 20.3 cm - 25.4 cm	2" - 4" 5 cm - 10.2 cm
508057	8-CIM	115	10' 3 m	Epoxy Coated Cast Iron	Manual	-	-
508058	8-CIM	115	25' 7.6 m	Epoxy Coated Cast Iron	Manual	-	-
508257	8-CBM	115	10' 3 m	Bronze	Manual	-	-

Sump Pumps

10 SERIES 1/2 HP



Applications

- Basement sumps, dewatering, water transfer

Features

- 1/2 HP split phase motor
- Designed for continuous duty
- Epoxy coated cast iron housing
- Carbon/ceramic shaft seal
- Upper and lower ball bearings
- Multiple switch options for automatic operation
- Multiple power cord lengths available
- UL and CSA listed

Series Specifications

Capacity: 83 GPM @ 5'
(314 LPM @ 1.5 m)

Shut Off: 23' (6.98 m)

Liquid Temperature: 140°F (60°C)

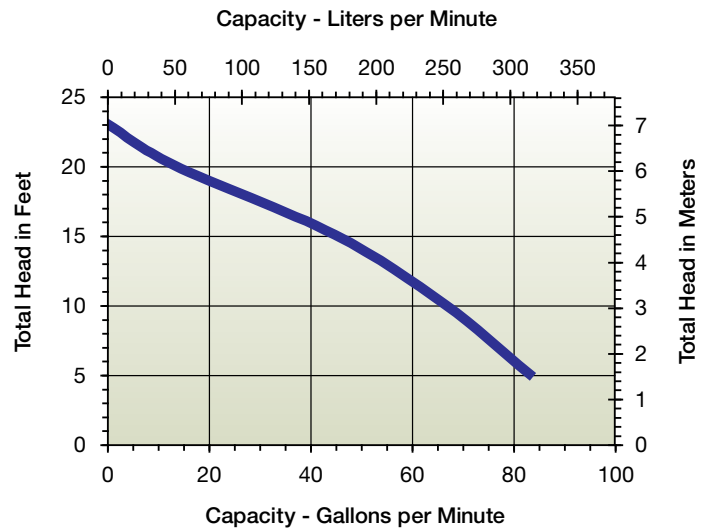
Discharge: 1-1/2" FNPT (38 mm)

Impeller: Nylon

Electrical: 115v, 60Hz

Operation: Automatic or Manual

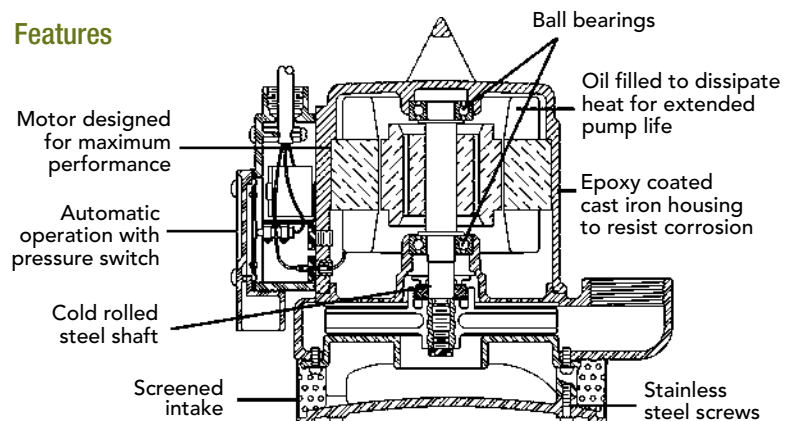
Performance Curve



Model Characteristics

Item #	Model	Volts	Cord	Switch Type	On Level		Off Level	
					Feet	Centimeters	Feet	Centimeters
510155	10-CIA	115	10' 3 m	Integral Diaphragm	8.5" - 12"	21.5 cm - 30.4 cm	1.5" - 5"	3.8 cm - 12.7 cm
					25'	7.6 m	8.5" - 12"	21.5 cm - 30.5 cm
510056	10-CIA-VDS	115	10' 3 m	Piggyback Vertical Diaphragm	11" - 13"	28 cm - 33 cm	1" - 3"	2.5 cm - 7.6 cm
					11" - 13"	28 cm - 33 cm	1" - 3"	2.5 cm - 7.6 cm
510055	10-CIM	115	10' 3 m	Manual	-	-	-	-

Features



Sump Pumps

12 SERIES 1/2 HP



Applications

- Basement sumps, dewatering, water transfer

Features

- 1/2 HP split phase motor
- Designed for continuous duty
- Cast bronze housing
- Carbon/ceramic shaft seal
- Upper and lower ball bearings
- UL and CSA listed

Series Specifications

Capacity: 83 GPM @ 5'
(314 LPM @ 1.5 m)

Shut Off: 26' (7.92 m)

Liquid Temperature: 140°F (60°C)

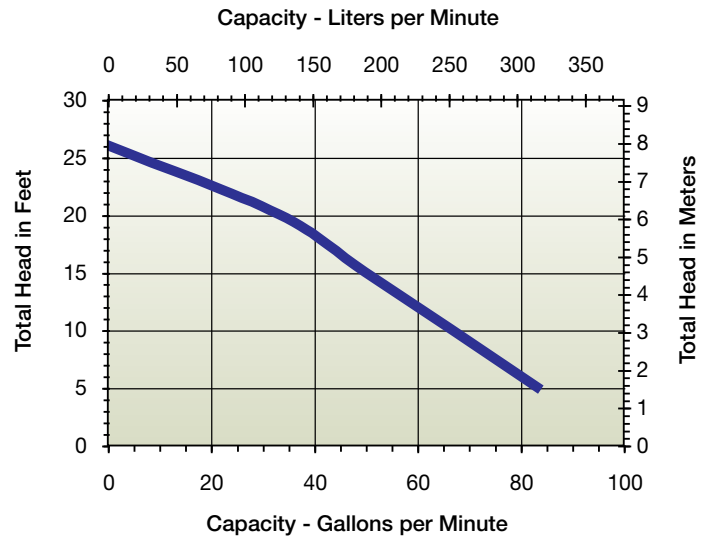
Discharge: 1-1/2" FNPT (38 mm)

Impeller: Nylon

Electrical: 115v, 60Hz

Operation: Automatic or Manual

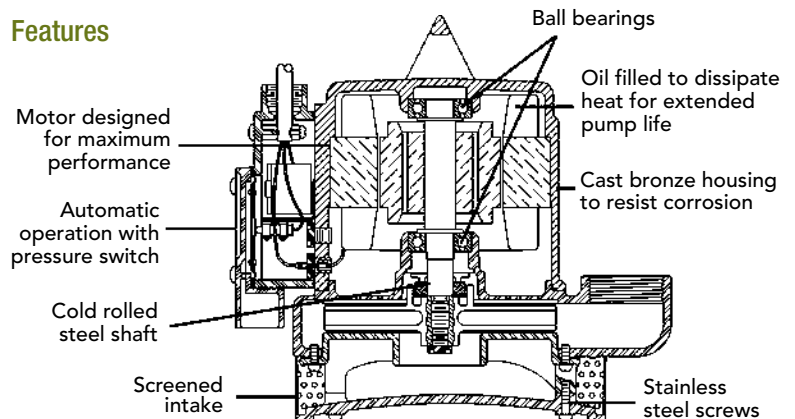
Performance Curve



Model Characteristics

Item #	Model	Volts	Cord	Switch Type	On Level	Off Level
512155	12-CBA	115	10' 3 m	Integral Diaphragm	8.5" - 12" 21.5 cm - 30.5 cm	1.5" - 5" 3.8 cm - 12.7 cm
512125	12-CBA	115	25' 7.6 m	Integral Diaphragm	8.5" - 12" 21.5 cm - 30.5 cm	1.5" - 5" 3.8 cm - 12.7 cm
512055	12-CBM	115	10' 3 m	Manual	-	-

Features



Sump Pumps

WRS SERIES 1/3 HP Water Removal Systems



Drinosaur®

Applications

- Impractical gravity drainage areas, under sinks, laundry trays

Features

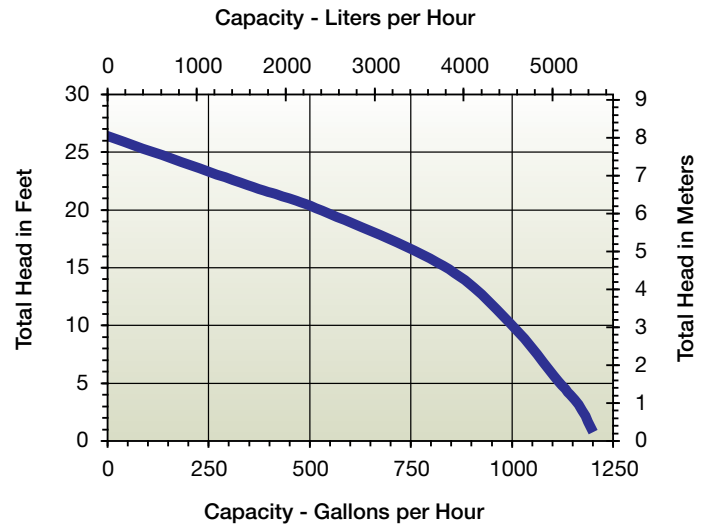
- Pre-assembled for easy installation
- Two tank size options available
- Multiple pump performance options
- Cylindrical polypropylene tank
- Easy to remove filter trap available
- UL / CSA listed pumps (115v models only)
- IAPMO approved basins

Series Specifications

Electrical: 115v, 60Hz
230v, 50/60Hz

Operation: Automatic or Manual

Performance Curve WRS-5



Model Characteristics

Item #	Model	Tank Size	Filter Trap	Lid Side Intake Port	Lid Top Discharge Port	Lid Top Vent Port	Pipe Size Included (From Pump To Lid)
505055	WRS-5	5 Gallon	✓	1-1/2" FNPT 38 mm	1-1/2" FNPT 38 mm	2" FNPT 51 mm	1" Dia. 25.4 mm
506055	WRS-6	5 Gallon	✓	1-1/2" FNPT 38 mm	1-1/2" FNPT 38 mm	2" FNPT 51 mm	1-1/2" Dia. 38 mm
506056	WRS-6	5 Gallon	✓	1-1/2" FNPT 38 mm	1-1/2" FNPT 38 mm	2" FNPT 51 mm	1-1/2" Dia. 38 mm
509150	WRS-8E	5 Gallon	-	1-1/2" FNPT 38 mm	1-1/2" FNPT 38 mm	2" FNPT 51 mm	1-1/2" Dia. 38 mm
506065	WRSC-6	3.5 Gallon	✓	1-1/2" FNPT 38 mm	1-1/2" FNPT 38 mm	2" FNPT 51 mm	1-1/2" Dia. 38 mm
506066	WRSC-6	3.5 Gallon	✓	1-1/2" FNPT 38 mm	1-1/2" FNPT 38 mm	2" FNPT 51 mm	1-1/2" Dia. 38 mm

Item #	Model	HP	Volts	Pump Capacity	Shut Off	Cord	Switch Type	On Level	Off Level
505055	WRS-5	1/2	115	15 GPM @ 5' 56.8 LPM @ 1.5 m	21' 6.4 m	10' 3 m	Piggyback Diaphragm	6" - 9" 15.2 cm - 23 cm	1" - 4" 2.5 cm - 10 cm
506055	WRS-6	1/3	115	46 GPM @ 5' 174 LPM @ 1.5 m	18' 5.5 m	8' 2.4 m	Integral Diaphragm	7" - 10" 17.8 cm - 25.4 cm	1" - 4" 2.5 cm - 10.2 cm
506056	WRS-6	1/3	230	46 GPM @ 5' 174 LPM @ 1.5 m	18' 5.5 m	8' 2.4 m (w/o plug)	Integral Diaphragm	7" - 10" 17.8 cm - 25.4 cm	1" - 4" 2.5 cm - 10.2 cm
509150	WRS-8E	1/3	115	52 GPM @ 5' 197 LPM @ 1.5 m	21' 6.4 m	10' 3 m	Piggyback Vertical Master	7" - 10" 17.8 cm - 25.4 cm	2" - 5" 5 cm - 12.7 cm
506065	WRSC-6	1/3	115	46 GPM @ 5' 174 LPM @ 1.5 m	18' 5.5 m	8' 2.4 m	Integral Diaphragm	4" - 7" 10.2 cm - 17.8 cm	1 - 3" 2.5 cm - 7.6 cm
506066	WRSC-6	1/3	230	46 GPM @ 5' 174 LPM @ 1.5 m	18' 5.5 m	8' 2.4 m (w/o plug)	Integral Diaphragm	4" - 7" 10.2 cm - 17.8 cm	1 - 3" 2.5 cm - 7.6 cm

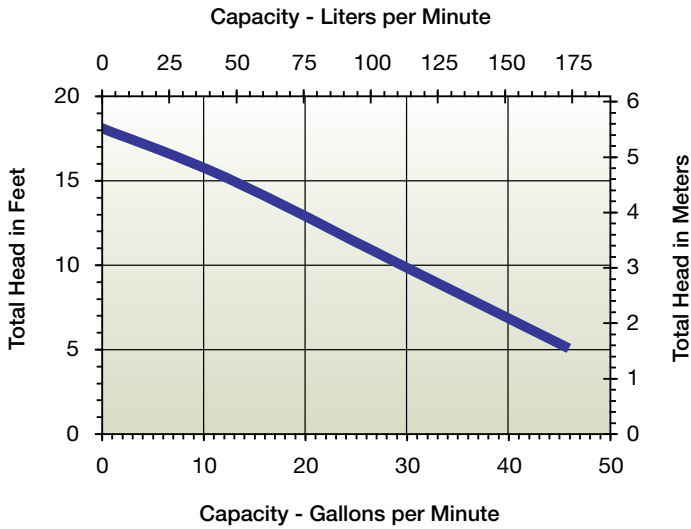
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Sump Pumps

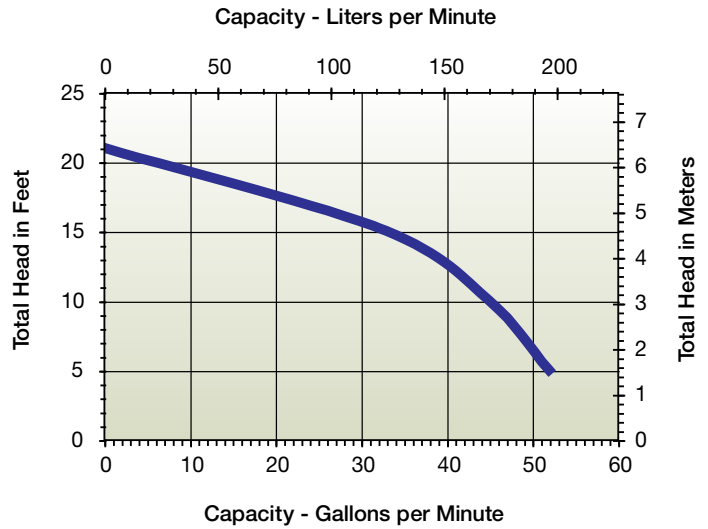
WRS SERIES 1/3 HP

Water Removal Systems continued

Performance Curve WRS-6 and WRSC-6

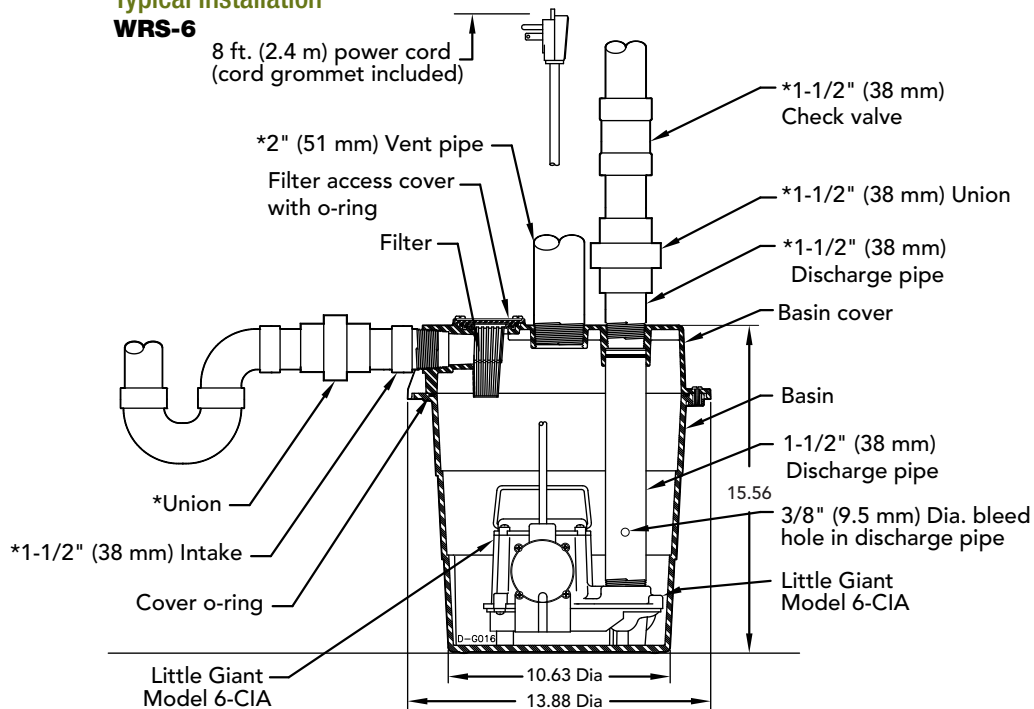


Performance Curve WRS-8E



Typical Installation

WRS-6



* Not included

Sump Pumps

CS SERIES 1/3 HP Water Removal Systems



Applications

- Low lying areas needing drainage, residential crawl spaces

Features

- 1/3 HP cast iron pump with overload protection
- 18" x 22" (46 cm x 56 cm) light weight perforated polypropylene basin
- Structural foam cover with slip fit flanges
- 1-1/4" x 24' (31.7 mm x 7.3 m) discharge hose kit
- 1-1/2" MNPT (38 mm) x 1-1/4" (31.7 mm) barbed check valve
- UL / CSA listed pump

Series Specifications

Capacity: 50 GPM @ 5'
(189 LPM @ 1.5 m)

Shut Off: 20' (6 m)

Liquid Temperature: 140°F (60°C)

Discharge: 1-1/2" FNPT (38 mm)

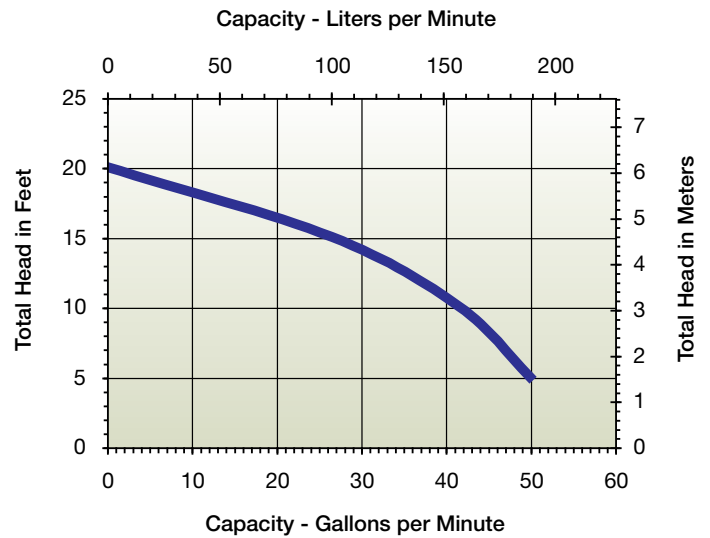
Impeller: Nylon

Electrical: 115v, 60Hz

Operation: Automatic

Solids Handling: 1/2" (12.7 mm)

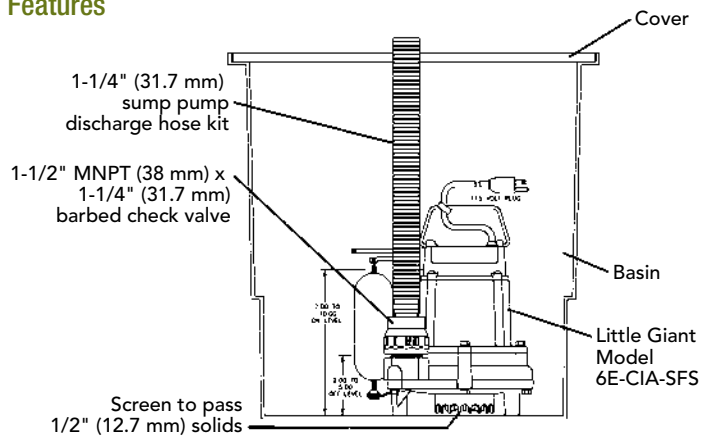
Performance Curve



Model Characteristics

Item #	Model	Volts	Cord	Switch Type	On Level	Off Level
14940655	CS-SS	115	25' 7.6 m	Integral Snap Action Float	7" - 10" 17.8 cm - 25.4 cm	2" - 5" 5 cm - 12.7 cm

Features



Sump Pumps

APS-115 1/2 HP Battery Back-Up System



Applications

- Flood protection, emergency dewatering pump power back-up

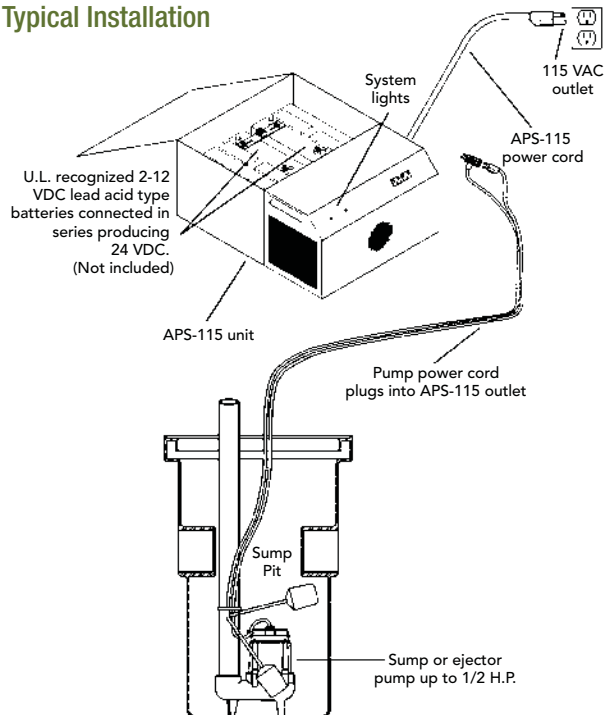
Features

- Auxiliary Power System (APS) power unit holds two 12 VDC, 120 amp-hour batteries (not included)
- LED indicator lights – in use and charging
- Advanced charging system converts 24 VDC to 115VAC and monitors and maintains battery voltage
- Provides power to sump, sewage, or effluent pump in event of a power outage
- Easy installation – simply plug pump into power unit
- Power unit plugs into standard 115v outlet (9' [2.7 m] power cord)
- Max output: 15 amps / service factor of .80 (12 amps)
- Total of 1/2 HP or 1440 watts

Model Characteristics

Item #	Model	Volts	Cord
513400	APS-115	115	9' 2.7 m

Typical Installation



SPBS-12 Battery Back-Up System



Applications

- Secondary sump pump, flood protection, emergency dewatering

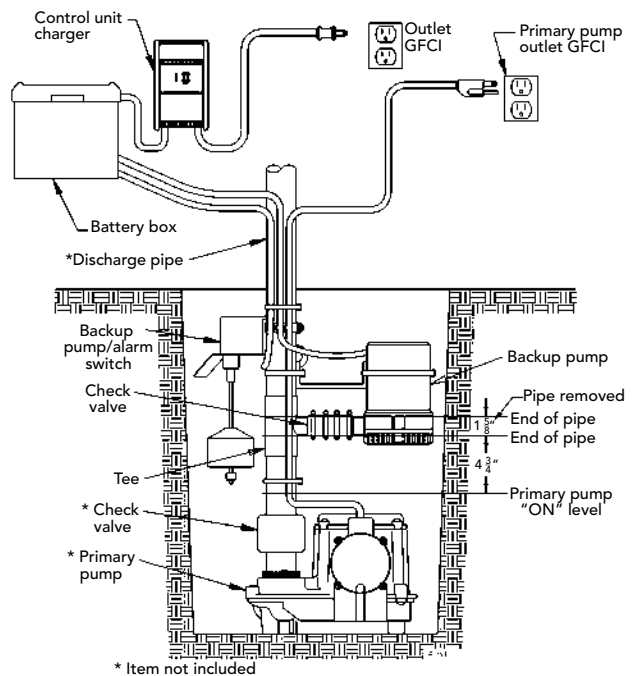
Features

- 12 VDC pump performance of 1600 GPH and 21' (6.4 m) shut off
- Check valve, T-connector and vertical mechanical float switch included for easy installation
- 10 amp charger/alarm unit
- Battery box holds 12v deep cycle marine battery rated 105-140 amp-hours (battery not included)

Model Characteristics

Item #	Model	Volts
506400	SPBS-12	12 VDC

Typical Installation



Effluent Pumps

6E SERIES 1/3 HP

Sump/Effluent



Applications

- Basement sumps, dewatering, water transfer, light effluent

Features

- 1/3 HP shaded pole motor with overload protection
- Designed for continuous duty
- Epoxy coated cast iron housing
- Carbon/ceramic shaft seal
- Upper and lower sintered sleeve ball bearings
- Multiple switch options for automatic operation
- Multiple power cord lengths available
- UL / CSA listed (115v / 230v models only)

Series Specifications

Capacity: 50 GPM @ 5'
(189 LPM @ 1.5 m)

Shut Off: 20' (6 m)

Liquid Temperature: 140°F (60°C)

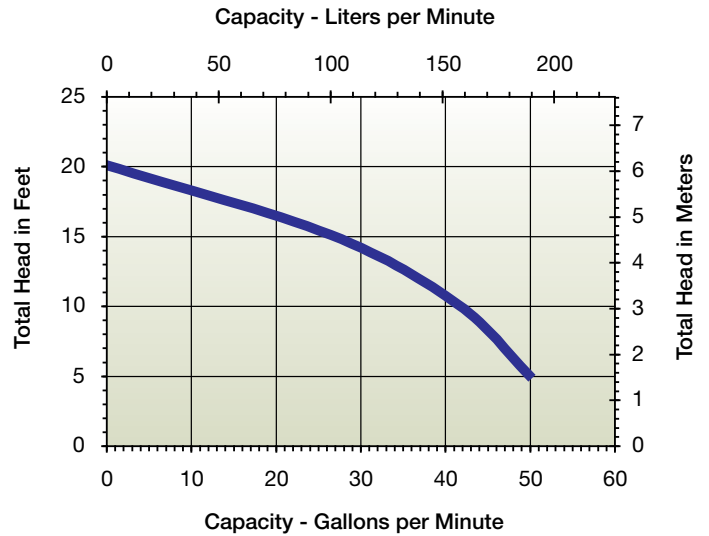
Discharge: 1-1/2" FNPT (38 mm)

Impeller: Nylon

Electrical: 115v, 60Hz
230v, 60Hz
127v, 60Hz

Operation: Automatic or Manual
Solids Handling: 1/2" (12.7 mm)

Performance Curve



Model Characteristics

Item #	Model	Volts	Cord	Switch Type	On Level		Off Level	
					Feet	Centimeters	Feet	Centimeters
506740	6E-CIA-RFSN	115	10' 3 m	Piggyback Mechanical Float	7" - 10"	17.8 cm - 25.4 cm	2" - 5"	5 cm - 12.7 cm
506700	6E-CIA-SFS	115	10' 3 m	Integral Snap Action Float	7" - 10"	17.8 cm - 25.4 cm	2" - 5"	5 cm - 12.7 cm
506701	6E-CIA-SFS	115	25' 7.6 m	Integral Snap Action Float	7" - 10"	17.8 cm - 25.4 cm	2" - 5"	5 cm - 12.7 cm
506720	6E-CIA-SFS	230	15' 4.6 m	Integral Snap Action Float	7" - 10"	17.8 cm - 25.4 cm	2" - 5"	5 cm - 12.7 cm
506712	6E-CIA-VDS	115	10' 3 m	Piggyback Vertical Diaphragm	10"	25.4 cm	4"	10.2 cm
506710	6E-CIM	115	10' 3 m	Manual	-	-	-	-
506711	6E-CIM	115	25' 7.6 m	Manual	-	-	-	-
506730	6E-CIM	230	15' 4.6 m	Manual	-	-	-	-
506735*	6E-CIM	230	25' 7.6 m (w/o plug)	Manual	-	-	-	-

* CSA only

Effluent Pumps

8E SERIES 1/3 HP



Applications

- Dewatering, water transfer, effluent and wastewater removal

Features

- 1/3 HP shaded pole motor with overload protection
- Designed for continuous duty
- Epoxy coated cast iron housing and cover
- High impact thermoplastic base
- Carbon/ceramic shaft seal
- Upper and lower sintered sleeve bearings
- Multiple switch options for automatic operation
- Multiple power cord lengths available
- UL / CSA listed (115v models only)

Series Specifications

Capacity: 52 GPM @ 5'
(197 LPM @ 1.5 m)

Shut Off: 21' (6.4 m)

Liquid Temperature: 140°F (60°C)

Discharge: 1-1/2" FNPT (38 mm)

Impeller: Vortex nylon

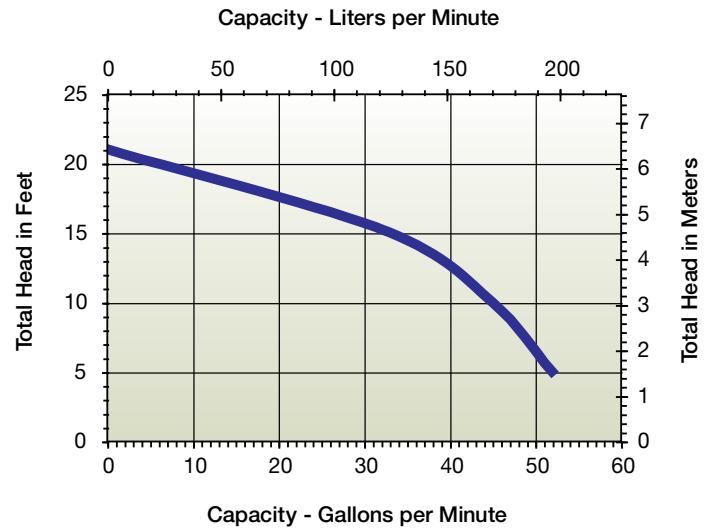
Volute: ABS / cast iron

Electrical: 115v, 60Hz
230v, 60Hz

Operation: Automatic or Manual

Solids Handling: 3/4" (19 mm)

Performance Curve



Model Characteristics

Item #	Model	Volts	Cord	Switch Type	On Level		Off Level	
509100	8E-CIA-RFS	115	10' 3 m	Piggyback Mechanical Float	9" - 14"	2" - 6"		
					23 cm - 35.6 cm	5 cm - 15.2 cm		
509105	8E-CIA-RFS	115	15' 4.6 m	Piggyback Mechanical Float	9" - 14"	2" - 6"		
					23 cm - 35.6 cm	5 cm - 15.2 cm		
509120	8E-CIA-RFS	115	20' 6 m	Piggyback Mechanical Float	9" - 14"	2" - 6"		
					23 cm - 35.6 cm	5 cm - 15.2 cm		
509001	8E-CIA-VDS	115	10' 3 m	Piggyback Vertical Diaphragm	9" - 11"	3" - 5"		
					23 cm - 28 cm	7.6 cm - 12.7 cm		
509000	8E-CIM	115	10' 3 m	Manual	-	-		
509005	8E-CIM	115	15' 4.6 m	Manual	-	-		
509125	8E-CIM	115	25' 7.6 m	Manual	-	-		
509050	8E-CIM	230	12' 8.6 m (w/o plug)	Manual	-	-		

Effluent Pumps

9E SERIES 4/10 HP



Applications

- Dewatering, water transfer, effluent and wastewater removal

Features

- 4/10 HP shaded pole motor with overload protection
- Designed for continuous duty
- Epoxy coated cast iron housing and cover
- High impact thermoplastic base
- Carbon/ceramic shaft seal
- Upper sintered sleeve bearings; lower ball bearings
- Multiple switch options for automatic operation
- Multiple power cord lengths available
- UL / CSA listed (115v only)

Series Specifications

Capacity: 57 GPM @ 5'
(216 LPM @ 1.5 m)

Shut Off: 23' (7 m)

Liquid Temperature: 140°F (60°C)

Discharge: 1-1/2" FNPT (38 mm)

Impeller: Vortex nylon

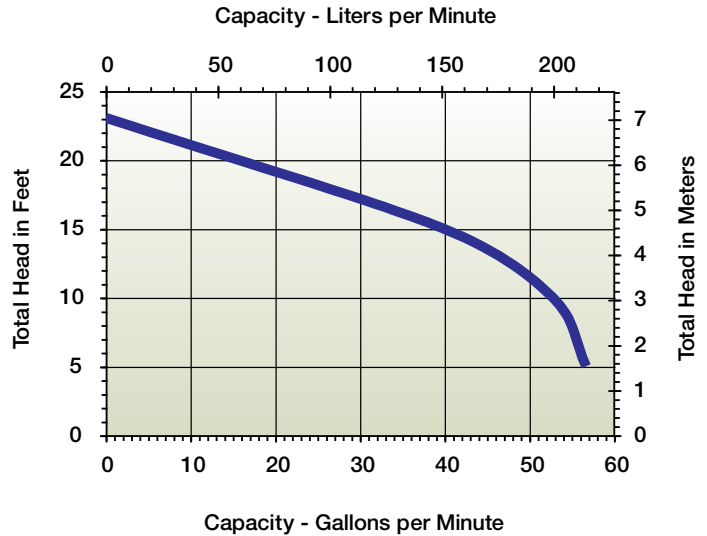
Volute: ABS / cast iron

Electrical: 115v, 60Hz
230v, 60Hz

Operation: Automatic or Manual

Solids Handling: 3/4" (19 mm)

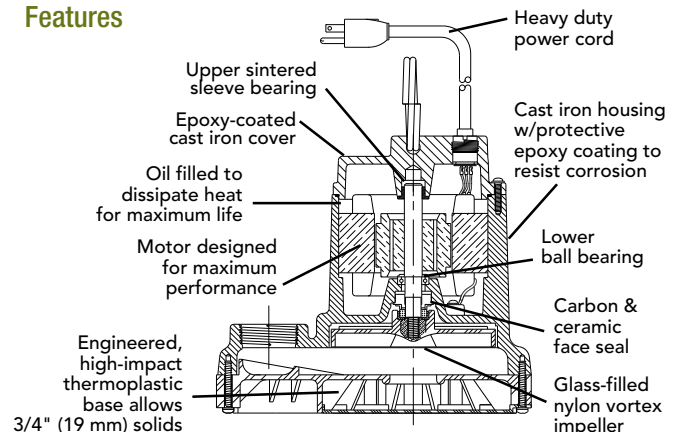
Performance Curve



Model Characteristics

Item #	Model	Volts	Cord	Switch Type	On Level		Off Level	
					9" - 14"	23 cm - 35.6 cm	2" - 6"	5 cm - 15.2 cm
509300	9E-CIA-RFS	115	15' 4.6 m	Piggyback Mechanical Float	9" - 14"	23 cm - 35.6 cm	2" - 6"	5 cm - 15.2 cm
509320	9E-CIA-RFS	115	20' 6 m	Piggyback Mechanical Float	9" - 14"	23 cm - 35.6 cm	2" - 6"	5 cm - 15.2 cm
509201	9E-CIA-VDS	115	15' 4.6 m	Piggyback Vertical Diaphragm	10" - 12"	25.4 cm - 30.5 cm	4" - 6"	10.2 cm - 15.2 cm
509200	9E-CIM	115	15' 4.6 m	Manual	-	-	-	-
509225	9E-CIM	115	25' 7.6 m	Manual	-	-	-	-
509250	9E-CIM	230	20' 6 m	Manual	-	-	-	-

Features



For more information call 1.800.701.7894

Effluent Pumps

9EH SERIES 4/10 HP



Applications

- Dewatering, water transfer, effluent and wastewater removal

Features

- 4/10 HP shaded pole motor with overload protection
- Designed for continuous duty
- High head model
- Epoxy coated cast iron housing and cover
- High impact ABS base
- Carbon/ceramic shaft seal
- Upper sintered sleeve bearings; lower ball bearings
- Multiple switch options for automatic operation
- UL / CSA listed

Series Specifications

Capacity: 70 GPM @ 5'
(265 LPM @ 1.5 m)

Shut Off: 32' (9.8 m)

Liquid Temperature: 140°F (60°C)

Discharge: 1-1/2" FNPT (38 mm)

Impeller: Closed vane polycarbonate

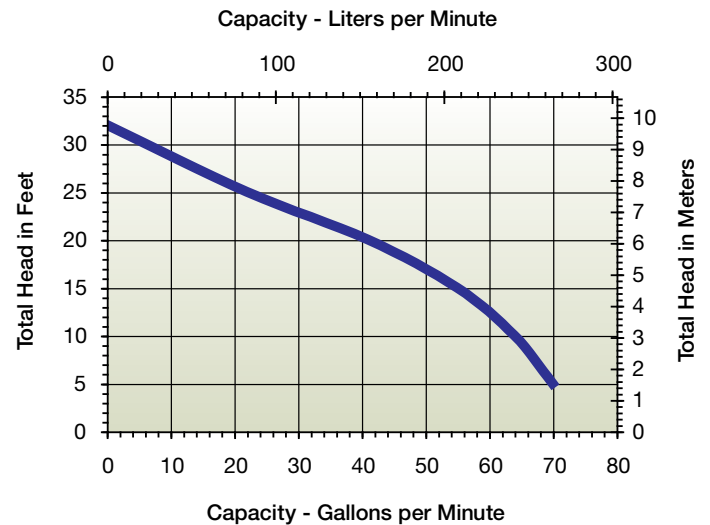
Volute: ABS

Electrical: 115v, 60Hz
230v, 60Hz

Operation: Automatic or Manual

Solids Handling: 3/4" (19 mm)

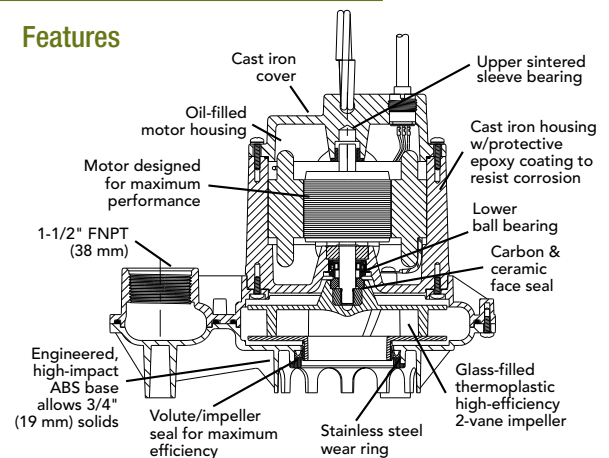
Performance Curve



Model Characteristics

Item #	Model	Volts	Cord	Switch Type	On Level		Off Level	
					On Level	Off Level	On Level	Off Level
509350	9EH-CIA-RFS	115	20' 6 m	Piggyback Mechanical Float	9" - 14" 23 cm - 35.6 cm	2" - 6" 5 cm - 15.2 cm		
509360	9EH-CIA-RFS	230	20' 6 m	Piggyback Mechanical Float	9" - 14" 23 cm - 35.6 cm	2" - 6" 5 cm - 15.2 cm		
509331	9EH-CIA-VDS	115	20' 6 m	Piggyback Vertical Diaphragm	14" - 16" 35.6 cm - 40.6 cm	4" - 6" 10.2 cm - 15.2 cm		
509330	9EH-CIM	115	20' 6 m	Manual	-	-		
509340	9EH-CIM	230	20' 6 m	Manual	-	-		

Features



For more information call 1.800.701.7894

Effluent Pumps

10E SERIES 1/2 HP



Applications

- Dewatering, water transfer, effluent and wastewater removal

Features

- 1/2 HP split phase motor with overload protection
- 1/2 HP PSC motor with overload protection (10E-CIA-SFS)
- Designed for continuous duty
- Epoxy coated cast iron housing
- Carbon/ceramic shaft seal
- Upper and lower ball bearings
- Multiple switch options for automatic operation
- Multiple power cord lengths available
- UL / CSA listed

Series Specifications

Capacity: 80 GPM @ 5'
(303 LPM @ 1.5 m)

Shut Off: 26' (7.9 m)
(10E-CIA-SFS) 24' (7.4 m)

Liquid Temperature: 140°F (60°C)

Discharge: 1-1/2" FNPT (38 mm)

Impeller: Vortex nylon

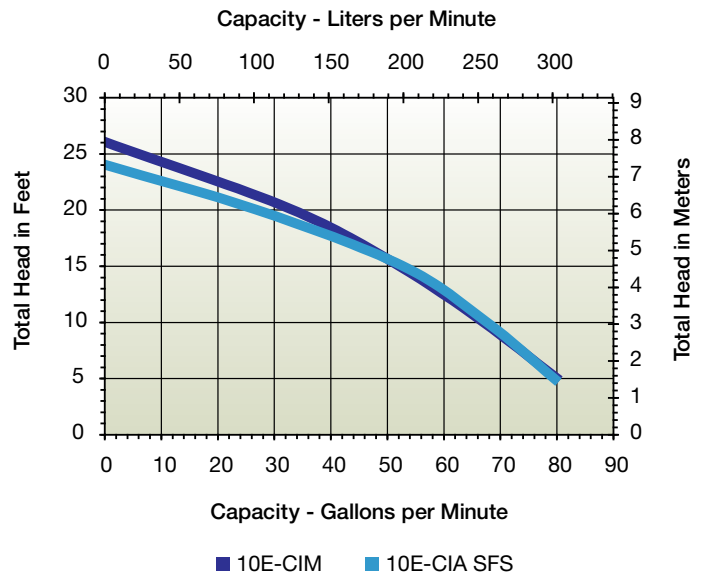
Volute: ABS / cast iron

Electrical: 115v, 60Hz
208-230v, 50/60Hz

Operation: Automatic or Manual

Solids Handling: 3/4" (19 mm)

Performance Curve



Model Characteristics

Item #	Model	Volts	Cord	Switch Type	On Level	Off Level
511300	10E-CIA-RFS	115	15' 4.6 m	Piggyback Mechanical Float	11" - 15" 28 cm - 38 cm	5" - 9" 12.7 cm - 23 cm
511350	10E-CIA-SFS	115	10' 3 m	Integral Snap Action Float	8" - 11" 20.3 cm - 28 cm	2" - 5" 5 cm - 12.7 cm
511355	10E-CIA-SFS	115	25' 7.6 m	Integral Snap Action Float	8" - 11" 20.3 cm - 28 cm	2" - 5" 5 cm - 12.7 cm
511201	10E-CIA-VDS	115	15' 4.6 m	Piggyback Vertical Diaphragm	11" - 13" 28 cm - 33 cm	1" - 3" 2.5 cm - 7.6 cm
511200	10E-CIM	115	15' 4.6 m	Manual	-	-
511225	10E-CIM	115	25' 7.6 m	Manual	-	-
511275	10E-CIM	208-230	15' 4.6 m	Manual	-	-

Effluent Pumps

10E SERIES (High Temperature) 1/2 HP



Applications

- Boiler blow-down sump pits, transformer vaults

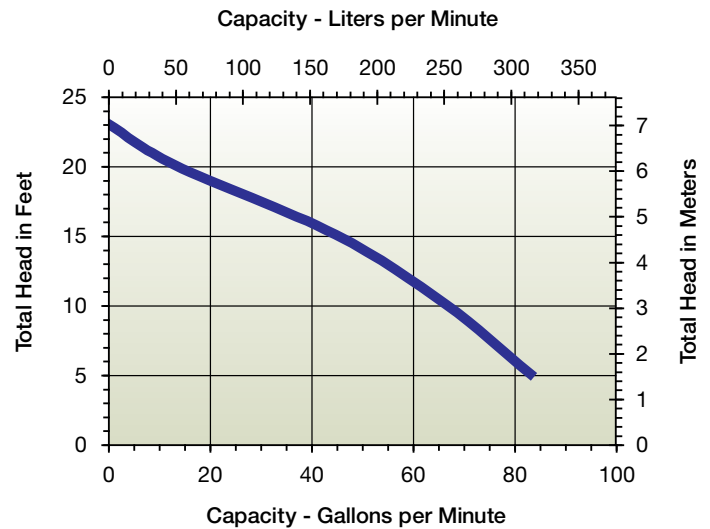
Features

- 1/2 HP split phase motor
- Designed for continuous duty
- Epoxy coated cast iron housing
- Carbon/Ni-Resist & Viton® shaft seal
- Upper and lower ball bearings
- CSA listed

Series Specifications

Capacity: 80 GPM @ 5' (302 LPM @ 1.5 m)	Electrical: 115v, 60Hz
Shut Off: 24' (7.32 m)	Operation: Automatic or Manual
Liquid Temperature: 200°F (93°C)	Solids Handling: 3/4" (19 mm)
Discharge: 1-1/2" FNPT (38 mm)	
Impeller: Nylon	
Relay Cover: Cast iron	

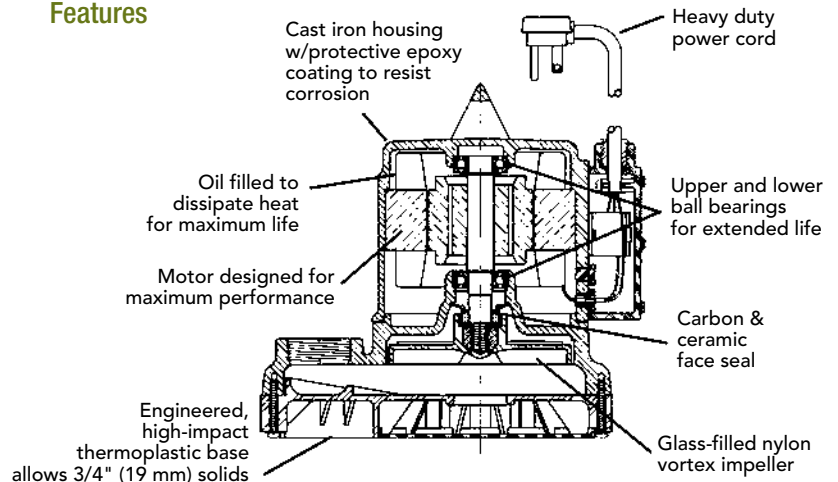
Performance Curve



Model Characteristics

Item #	Model	Volts	Cord	Switch Type	On Level		Off Level	
					10" - 12"	25.4 cm - 30.5 cm	2" - 4"	5 cm - 10.2 cm
511700	HT-10E-CIA-FS	115	10' 3 m	Integral Mechanical Float	10" - 12"	25.4 cm - 30.5 cm	2" - 4"	5 cm - 10.2 cm
511600	HT-10E-CIM	115	25' 7.6 m	Manual	-	-	-	-

Features



Effluent Pumps

14EH SERIES 1/2 HP



Applications

- Dewatering, water transfer, effluent and wastewater removal

Features

- 1/2 HP PSC motor with overload protection
- Completely submersible, designed for continuous duty
- High head model
- Epoxy coated cast iron housing, cover, volute, and non-clog impeller
- Carbon/ceramic shaft seal
- Upper and lower ball bearings
- UL / CSA listed (115v model)
- UL listed (208-230v model)

Series Specifications

Capacity: 60 GPM @ 20'
(227 LPM @ 6 m)

Electrical: 115v, 60Hz
208-230v, 60Hz

Shut Off: 50' (15 m)

Operation: Manual

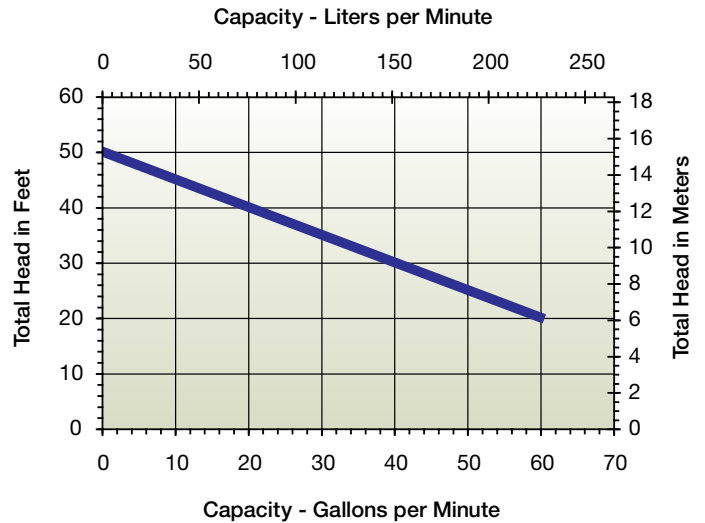
Liquid Temperature: 140°F (60°C)

Solids Handling: 3/4" (19 mm)

Discharge: 2" FNPT (51 mm)

Impeller: Non-clog epoxy coated cast iron

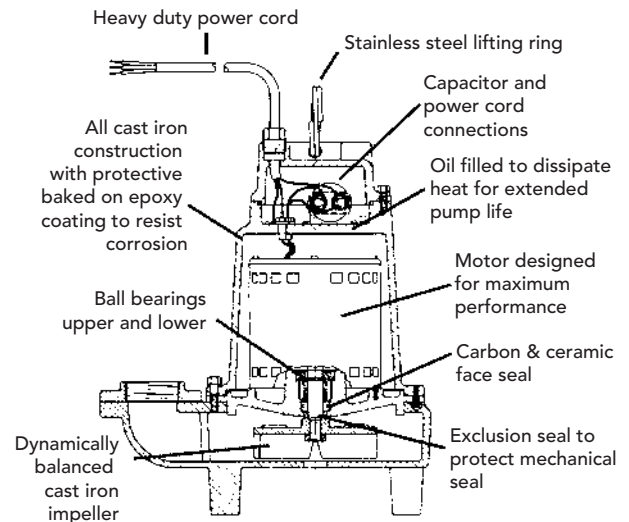
Performance Curve



Model Characteristics

Item #	Model	Volts	Cord
514220	14EH-CIM	115	20' 6 m
514221	14EH-CIM	208-230	20' 6 m

Features



Effluent Pumps

16EH SERIES 1 HP



Applications

- Dewatering, water transfer, effluent and wastewater removal

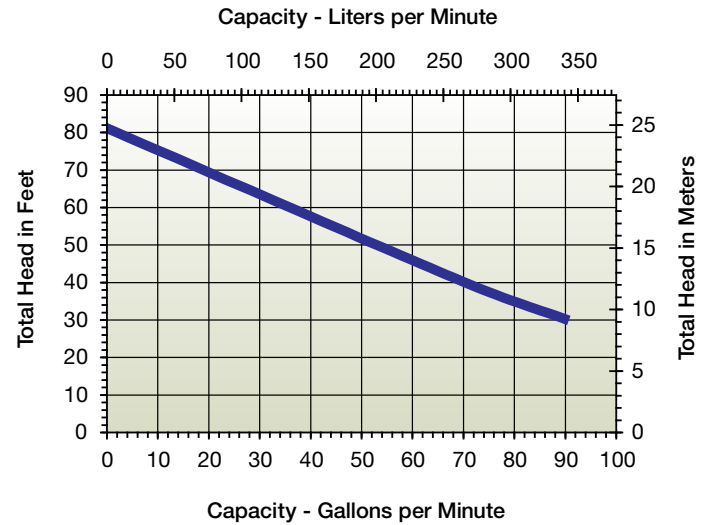
Features

- 1 HP PSC motor with overload protection
- Completely submersible, designed for continuous duty
- High head model
- Epoxy coated cast iron housing, cover, volute, and non-clog impeller
- Carbon/ceramic shaft seal
- Upper and lower ball bearings
- UL / CSA listed

Series Specifications

Capacity: 90 GPM @ 30' (340 LPM @ 9 m)	Electrical: 230v, 60Hz 208-230v, 60Hz
Shut Off: 81' (25 m)	460v, 50/60Hz
Liquid Temperature: 140°F (60°C)	380v, 50Hz
Discharge: 2" FNPT (51 mm)	575v, 60Hz
Impeller: Non-clog epoxy coated cast iron	Operation: Manual*
	Solids Handling: 3/4" (19 mm)

Performance Curve



Model Characteristics

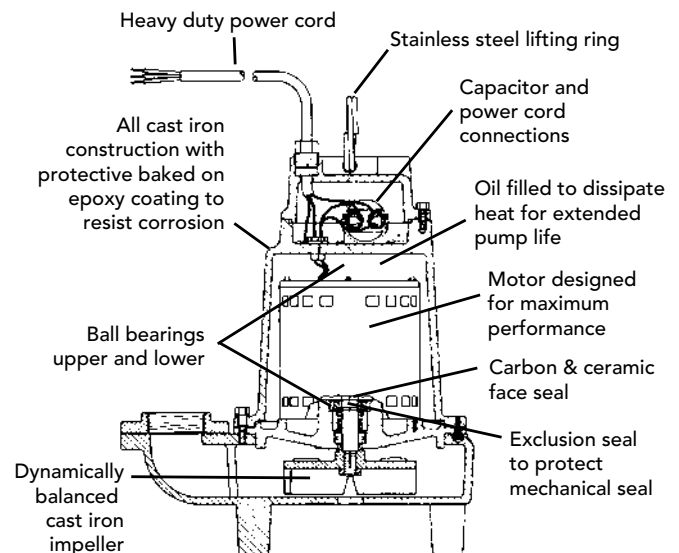
Item #	Model	Volts	Cord	Phase**
514520	16EH-CIM	230	20' 6 m	1 Ph
514530	16EH-CIM	208-240	20' 6 m	3 Ph
514550***	16EH-CIM	575	20' 6 m	3 Ph

* Single phase pumps can use a mechanical float switch or a single phase control panel for automatic on/off

** 3 phase pumps must have a 3 phase control panel for automatic or manual operation

*** CSA only

Features



For more information call 1.800.701.7894

Effluent Pumps

20E SERIES 2 HP



Applications

- Dewatering, water transfer, effluent and wastewater removal

Features

- 2 HP PSC motor with overload protection
- Completely submersible, designed for continuous duty
- Epoxy coated cast iron housing, cover, and volute
- Carbon/ceramic shaft seal
- Upper and lower ball bearings
- UL / CSA listed

Series Specifications

Capacity: 135 GPM @ 20'
(511 LPM @ 6 m)

Shut Off: 110' (34 m)

Liquid Temperature: 140°F (60°C)

Discharge: 2" FNPT (51 mm)

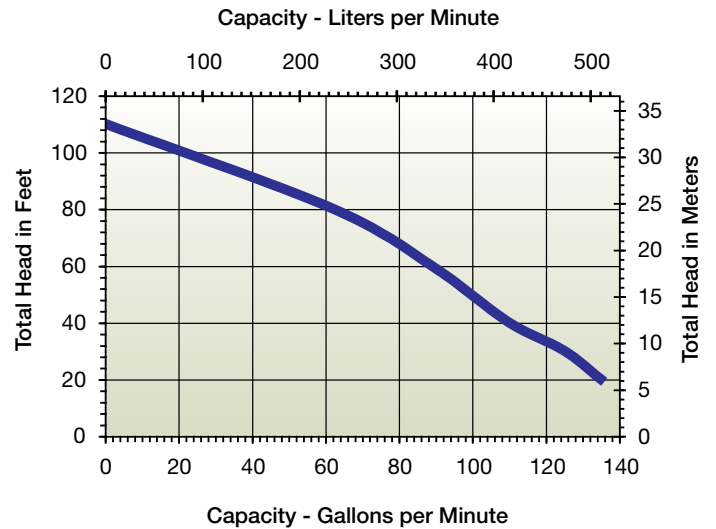
Impeller: Brass

Electrical: 230v, 60Hz
460v, 60Hz

Operation: Manual*

Solids Handling: 3/4" (19 mm)

Performance Curve



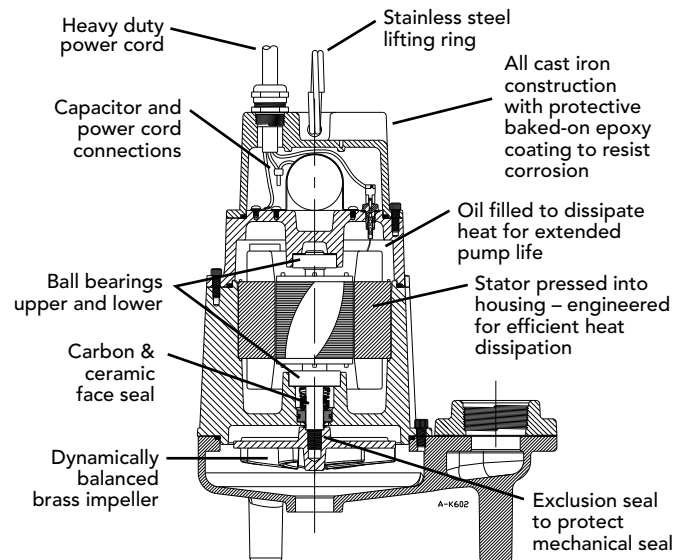
Model Characteristics

Item #	Model	Volts	Cord	Phase**
520200	20E-CIM	230	20' 6 m	1 Ph
520230	20E-CIM	230	30' 9 m	3 Ph
520250	20E-CIM	230	20' 6 m	3 Ph
520275	20E-CIM	460	20' 6 m	3 Ph
520225	20E-CIM	200-208	20' 6 m	3 Ph

* Single phase pumps can use a mechanical float switch or a single phase control panel for automatic on/off

** 3 phase pumps must have a 3 phase control panel for automatic or manual operation

Features



For more information call 1.800.701.7894

Effluent Pumps

WE SERIES 1/2 HP

High Head Filtered Effluent Pumps



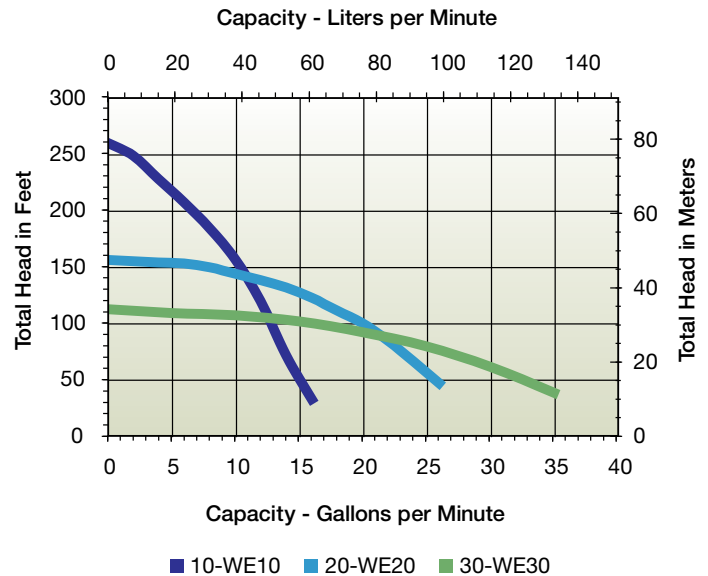
Applications

- Filtered effluent service, aeration, ornamental fountains / waterfalls

Features

- 1/2 HP Franklin Electric Super Stainless submersible motor with built-in lighting protection
- Heavy duty, 300v, 10' (3 m) SJOW motor stripped leads
- 1-1/4" FNPT (31.7 mm) discharge
- Removable built-in check valve
- Non-corrosive thermoplastic discharge and motor brackets
- Proven Noryl® staging allows close tolerances and increased performance
- High quality top bearing for maximum durability and years of reliable service
- Hex rubber bearing has extra-large surface for shaft stability and multiple flow channels for keeping particles away from bearing surfaces
- Stainless steel upthrust washer prevents excessive wear in service applications

Performance Curve



Model Characteristics

Item #	Model	HP	Volts/Hertz	Rated Flow Rate	Wire	Discharge (FNPT)	Cord/ Length
558221	WE10G05P4-21	1/2	115v/60Hz	10 GPM	2 Wire	1-1/4" FNPT 31.7 mm	SJOW/10' 3 m
558223	WE20G05P4-21	1/2	115v/60Hz	20 GPM	2 Wire	1-1/4" FNPT 31.7 mm	SJOW/10' 3 m
558225	WE30G05P4-21	1/2	115v/60Hz	30 GPM	2 Wire	1-1/4" FNPT 31.7 mm	SJOW/10' 3 m
558222	WE10G05P4-22	1/2	230v/60Hz	10 GPM	2 Wire	1-1/4" FNPT 31.7 mm	SJOW/10' 3 m
558224	WE20G05P4-22	1/2	230v/60Hz	20 GPM	2 Wire	1-1/4" FNPT 31.7 mm	SJOW/10' 3 m
558226	WE30G05P4-22	1/2	230v/60Hz	30 GPM	2 Wire	1-1/4" FNPT 31.7 mm	SJOW/10' 3 m

Sewage Pumps

9S SERIES 4/10 HP



Applications

- Effluent and sewage waste transfer

Features

- 4/10 HP shaded pole motor with overload protection
- Designed for continuous duty
- Epoxy coated cast iron housing, cover and volute
- 2" FNPT (51 mm) discharge (3" FNPT [76 mm] discharge available)
- Carbon/ceramic shaft seal
- Upper sintered sleeve and lower ball bearings
- Vortex engineered composite impeller
- Multiple switch options for automatic operation
- Multiple power cord lengths available
- UL and CSA listed (115v only)

Series Specifications

Capacity: 80 GPM @ 5'
(301 LPM @ 1.5 m)

Solids Handling: 2" (51 mm)

Shut Off: 18' (5.5 m)

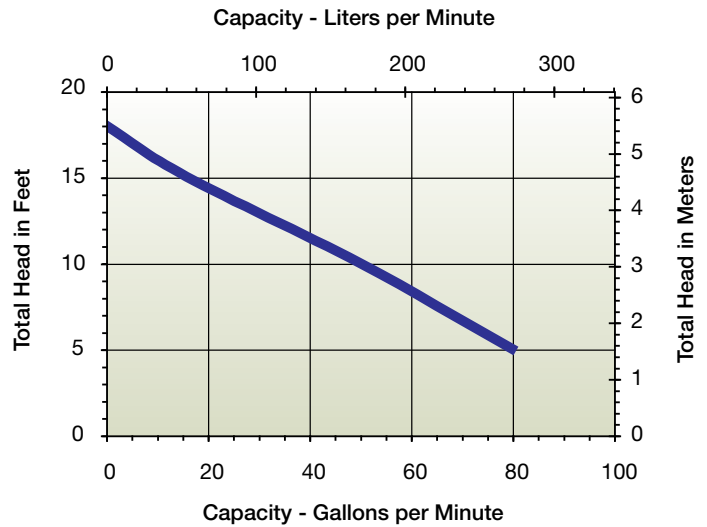
Liquid Temperature: 140°F (60°C)

Impeller: Vortex nylon

Electrical: 115v, 60Hz
230v, 60Hz

Operation: Automatic or Manual

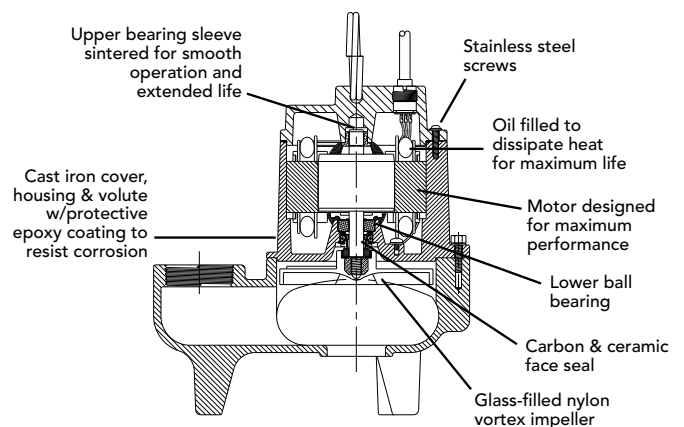
Performance Curve



Model Characteristics

Item #	Model	Volts	Cord	Discharge FNPT	Switch Type	On Level	Off Level
509500	9S-CIA-RFS	115	15' 4.6 m	2" 51 mm	Piggyback Mechanical Float	9" - 14" 23 cm - 35.6 cm	2" - 6" 5 cm - 15.2 cm
509510	9S-CIA-RFS	115	15' 4.6 m	3" 76 mm	Piggyback Mechanical Float	9" - 14" 23 cm - 35.6 cm	2" - 6" 5 cm - 15.2 cm
509520	9S-CIA-RFS	115	20' 6 m	2" 51 mm	Piggyback Mechanical Float	9" - 14" 23 cm - 35.6 cm	2" - 6" 5 cm - 15.2 cm
509401	9S-CIA-VDS	115	15' 4.6 m	2" 51 mm	Piggyback Diaphragm	13" - 15" 33 cm - 38 cm	3" - 5" 7.6 cm - 12.7 cm
509400	9S-CIM	115	15' 4.6 m	2" 51 mm	Manual	-	-
509450	9S-CIM	230	15' 4.6 m (w/o plug)	2" 51 mm	Manual	-	-

Features



For more information call 1.800.701.7894

Sewage Pumps

ES40 SERIES 4/10 HP



Applications

- Effluent and sewage waste transfer

Features

- 4/10 HP permanent split capacitor motor with energy-saving low amp draw
- Designed for continuous duty
- Epoxy coated cast iron housing
- 2" FNPT (51 mm) discharge
- Carbon/ceramic shaft seal
- Upper and lower ball bearings
- Vortex engineered composite impeller
- Thermal overload protection
- Multiple switch options for automatic operation
- Multiple power cord lengths available
- Manual operation available
- cCSAus listed

Series Specifications

Capacity: 95 GPM @ 5'
(360 LPM @ 1.5 m)

Shut Off: 18' (5.5 m)

Liquid Temperature: 140°F (60°C)

Discharge: 2" FNPT (51 mm)

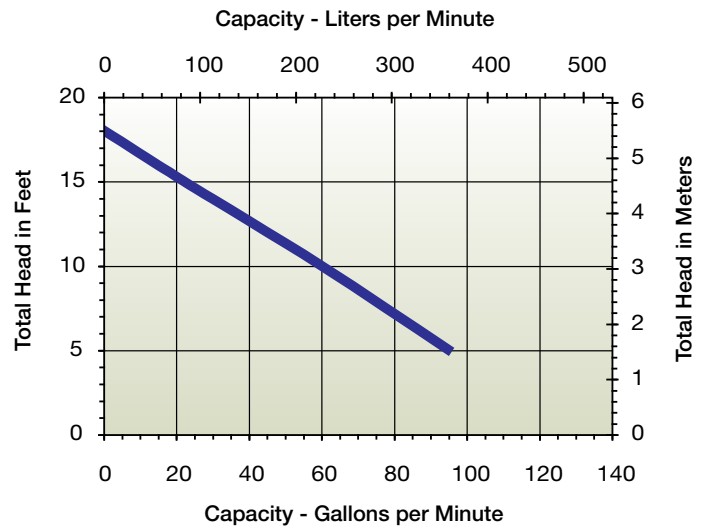
Volute: Cast Iron

Electrical: 115v, 60Hz
230v, 60Hz

Operation: Automatic or Manual

Solids Handling: 2" (51 mm)

Performance Curve



Model Characteristics

Item #	Model	Volts	Cord	Switch Type	On Level		Off Level	
					On Level	Off Level	On Level	Off Level
509560	ES40D1-10	115	10' 3 m	Piggyback Diaphragm	15.5" - 14.5" 39.4 cm - 36.8 cm	5.5" - 4.5" 14 cm - 11.4 cm		
509561	ES40D1-20	115	20' 6 m	Piggyback Diaphragm	15.5" - 14.5" 39.4 cm - 36.8 cm	5.5" - 4.5" 14 cm - 11.4 cm		
509562	ES40D2-20	230	20' 6 m	Piggyback Diaphragm	15.5" - 14.5" 39.4 cm - 36.8 cm	5.5" - 4.5" 14 cm - 11.4 cm		
509540	ES40W1-10	115	10' 3 m	Piggyback Mechanical Float	17.5" - 16.5" 44.4 cm - 42 cm	10.5" - 9.5" 26.7 cm - 24 cm		
509541	ES40W1-20	115	20' 6 m	Piggyback Mechanical Float	17.5" - 16.5" 44.4 cm - 42 cm	10.5" - 9.5" 26.7 cm - 24 cm		
509581	ES40W2-20	230	20' 6 m	Piggyback Mechanical Float	17.5" - 16.5" 44.4 cm - 42 cm	10.5" - 9.5" 26.7 cm - 24 cm		
509460	ES40M1-10	115	10' 3 m	Manual	-	-		
509461	ES40M1-20	115	20' 6 m	Manual	-	-		
509481	ES40M2-20	230	20' 6 m	Manual	-	-		

Sewage Pumps

10S SERIES 1/2 HP



Applications

- Effluent and sewage waste transfer

Features

- 1/2 HP split phase motor with overload protection
- 1/2 HP permanent split capacitor motor with overload protection on 10S-CIA-SFS only
- Designed for continuous duty
- Epoxy coated cast iron housing and volute
- 2" FNPT (51 mm) discharge (3" FNPT [76 mm] discharge available)
- Carbon/ceramic shaft seal
- Upper and lower ball bearings
- Vortex glass filled nylon impeller
- Multiple switch options for automatic operation
- Multiple power cord lengths available
- UL and CSA listed

Series Specifications

Capacity: 110 GPM @ 5'
(416 LPM @ 1.5 m)

Shut Off: 20' (6 m)

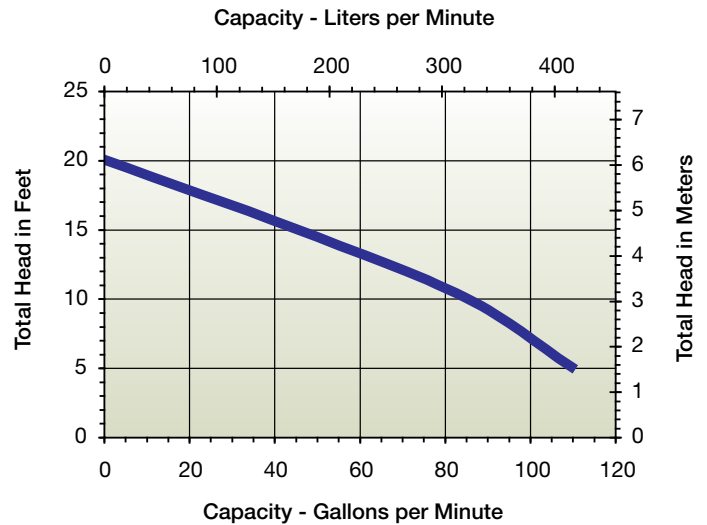
Liquid Temperature: 140°F (60°C)

Electrical: 115v, 60Hz
208-230v, 50/60Hz

Operation: Automatic or Manual

Solids Handling: 2" (51 mm)

Performance Curve



Model Characteristics

Item #	Model	Volts	Cord	Discharge FNPT	Cover	Switch Type	On Level	Off Level
511500	10S-CIA-RFS	115	15' 4.6 m	2" 51 mm	Cast Iron	Piggyback Mechanical Float	9" - 14" 23 cm - 35.6 cm	2" - 6" 5 cm - 15.2 cm
511550	10S-CIA-SFS	115	10' 3 m	2" 51 mm	Polycarbonate	Integral Snap Action Float	11" - 14" 28 cm - 35.6 cm	5" - 8" 12.7 cm - 20.3 cm
511555	10S-CIA-SFS	115	25' 7.6 m	2" 51 mm	Polycarbonate	Integral Snap Action Float	11" - 14" 28 cm - 35.6 cm	5" - 8" 12.7 cm - 20.3 cm
511565	10S-CIA-SFS	230	25' 7.6 m	2" 51 mm	Polycarbonate	Integral Snap Action Float	11" - 14" 28 cm - 35.6 cm	5" - 8" 12.7 cm - 20.3 cm
511401	10S-CIA-VDS	115	15' 4.6 m	2" 51 mm	Cast Iron	Piggyback Diaphragm	13" - 15" 33 cm - 38 cm	3" - 5" 7.6 cm - 12.7 cm
511400	10S-CIM	115	15' 4.6 m	2" 51 mm	Cast Iron	Manual	-	-
511450	10S-CIM	115	15' 4.6 m	3" 76 mm	Cast Iron	Manual	-	-
511475	10S-CIM	208-230	15' 4.6 m	2" 51 mm	Cast Iron	Manual	-	-

Sewage Pumps

10SH SERIES 1/2 HP



Applications

- Effluent and wastewater transfer

Features

- 1/2 HP split phase, relay start motor with overload protection
- Designed for continuous duty
- High head model
- Epoxy coated cast iron housing and volute
- 2" FNPT (51 mm) discharge
- Carbon/ceramic shaft seal
- Upper and lower ball bearings
- Multiple switch options for automatic operation
- Multiple power cord lengths available
- UL and CSA listed

Series Specifications

Capacity: 120 GPM @ 5'
(454 LPM @ 1.5 m)

Shut Off: 28' (8.5 m)

Liquid Temperature: 140°F (60°C)

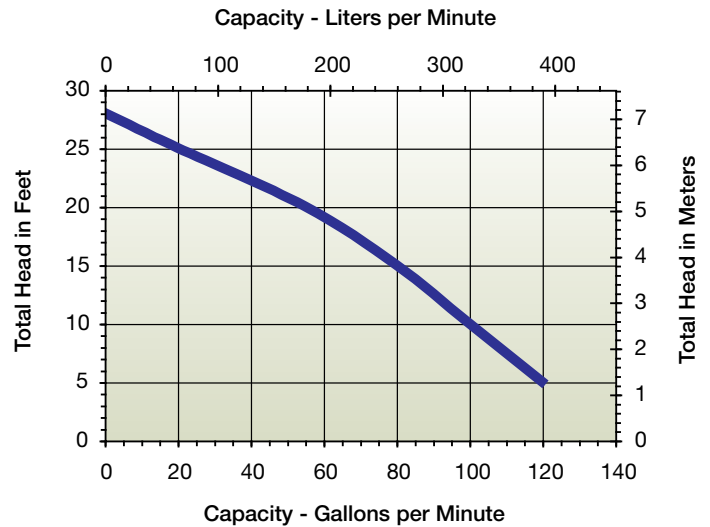
Impeller: Nylon

Electrical: 115v, 60Hz
230v, 60Hz

Operation: Automatic or Manual

Solids Handling: 1-1/4" (31.7 mm)

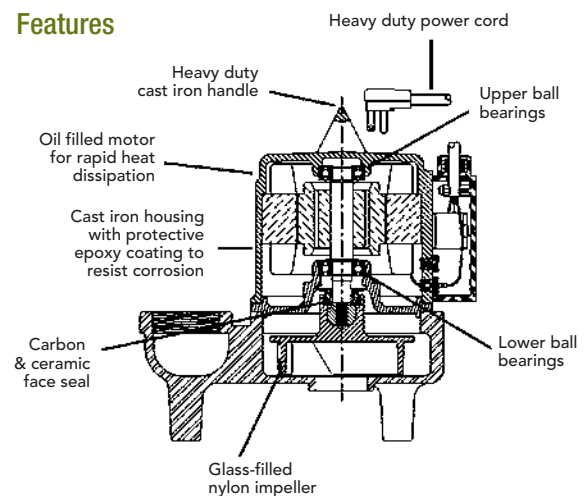
Performance Curve



Model Characteristics

Item #	Model	Volts	Cord	Switch Type	On Level		Off Level	
					9" - 14"	23 cm - 35.6 cm	2" - 6"	5 cm - 15.2 cm
511520	10SH-CIA-RFS	115	15' 4.6 m	Piggyback Mechanical	9" - 14"	23 cm - 35.6 cm	2" - 6"	5 cm - 15.2 cm
511525	10SH-CIA-RFS	115	25' 7.6 m	Piggyback Mechanical	9" - 14"	23 cm - 35.6 cm	2" - 6"	5 cm - 15.2 cm
511421	10SH-CIA-VDS	115	15' 4.6 m	Piggyback Diaphragm	12" - 14"	30.5 cm - 35.6 cm	2" - 4"	5 cm - 10.2 cm
511420	10SH-CIM	115	15' 4.6 m	Manual	-	-	-	-
511480	10SH-CIM	208-240	15' 4.6 m	Manual	-	-	-	-

Features



For more information call 1.800.701.7894

Sewage Pumps

ES50 SERIES 1/2 HP



Applications

- Effluent and sewage waste transfer

Features

- 1/2 HP permanent split capacitor motor with energy-saving low amp draw
- Designed for continuous duty
- Epoxy coated cast iron housing
- 2" FNPT (51 mm) discharge
- Carbon/ceramic shaft seal
- Upper and lower ball bearings
- Vortex engineered composite impeller
- Thermal overload protection
- Multiple switch options for automatic operation
- Multiple power cord lengths available
- Manual operation available
- cCSAus listed

Series Specifications

Capacity: 120 GPM @ 5'
(454 LPM @ 1.5 m)

Shut Off: 22' (7 m)

Liquid Temperature: 140°F (60°C)

Discharge: 2" FNPT (51 mm)

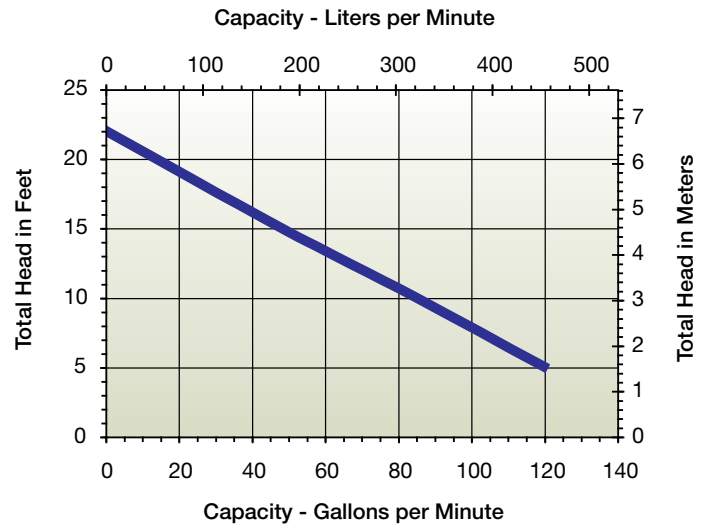
Volute: Cast Iron

Electrical: 115v, 60Hz
230v, 60Hz

Operation: Automatic or Manual

Solids Handling: 2" (51 mm)

Performance Curve



Model Characteristics

Item #	Model	Volts	Cord	Switch Type	On Level		Off Level	
					Feet	Centimeters	Feet	Centimeters
511560	ES50D1-10	115	10' 3 m	Piggyback Diaphragm	15.5" - 14.5"	39.4 cm - 36.8 cm	5.5" - 4.5"	14 cm - 11.4 cm
511561	ES50D1-20	115	20' 6 m	Piggyback Diaphragm	15.5" - 14.5"	39.4 cm - 36.8 cm	5.5" - 4.5"	14 cm - 11.4 cm
511582	ES50D2-20	230	20' 6 m	Piggyback Diaphragm	15.5" - 14.5"	39.4 cm - 36.8 cm	5.5" - 4.5"	14 cm - 11.4 cm
511540	ES50W1-10	115	10' 3 m	Piggyback Mechanical Float	17.5" - 16.5"	44.4 cm - 42 cm	10.5" - 9.5"	26.7 cm - 24 cm
511541	ES50W1-20	115	20' 6 m	Piggyback Mechanical Float	17.5" - 16.5"	44.4 cm - 42 cm	10.5" - 9.5"	26.7 cm - 24 cm
511581	ES50W2-20	230	20' 6 m	Piggyback Mechanical Float	17.5" - 16.5"	44.4 cm - 42 cm	10.5" - 9.5"	26.7 cm - 24 cm
511460	ES50M1-10	115	10' 3 m	Manual	-	-	-	-
511461	ES50M1-20	115	20' 6 m	Manual	-	-	-	-
511481	ES50M2-20	230	20' 6 m	Manual	-	-	-	-

Sewage Pumps

14S SERIES 1/2 HP



Applications

- Effluent and sewage waste transfer

Features

- 1/2 HP permanent split capacitor motor with overload protection
- Designed for continuous duty
- Epoxy coated cast iron housing, cover and volute
- 2" FNPT (51 mm) discharge (3" FNPT [76 mm] discharge available)
- Carbon/ceramic shaft seal
- Two vane non-clog epoxy coated cast iron impeller
- Upper and lower ball bearings

Series Specifications

Capacity: 100 GPM @ 10'
(378.5 LPM @ 8.5 m)

Shut Off: 25' (7.6 m)

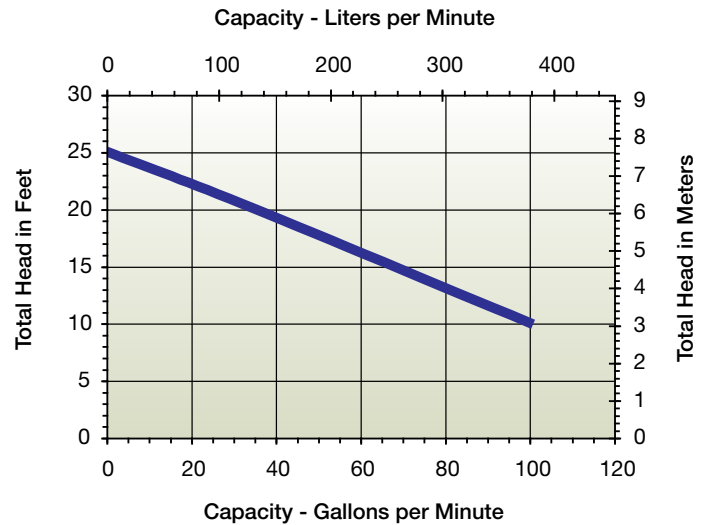
Liquid Temperature: 140°F (60°C)

Electrical: 115v, 60Hz
208-240v, 60Hz

Operation: Manual

Solids Handling: 2" (51 mm)

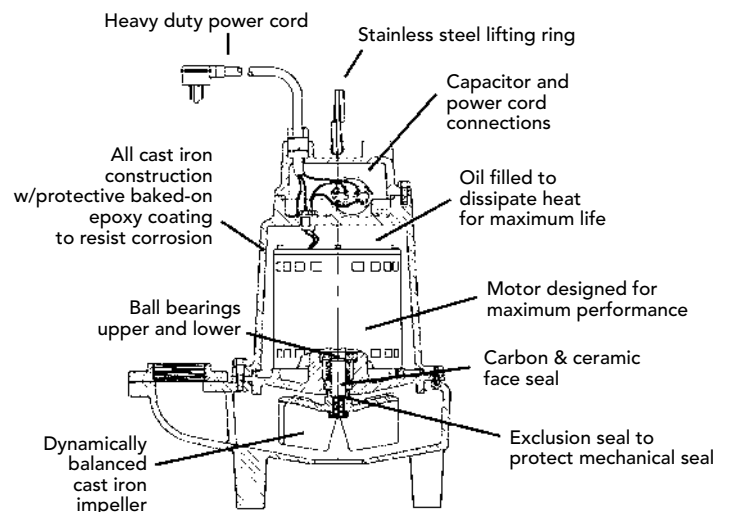
Performance Curve



Model Characteristics

Item #	Model	Listing	Volts	Cord	Discharge FNPT
514320	14S-CIM	UL / CSA	115	20'	2"
				6 m	51 mm
514321	14S-CIM	UL	208-240	20'	2"
				6 m	51 mm
514420	14S-CIM	UL / CSA	115	20'	3"
				6 m	76 mm
14940726	14S-CIM	UL	208-240	20'	3"
				6 m	76 mm

Features



For more information call 1.800.701.7894

Sewage Pumps

ES60 SERIES 6/10 HP



Applications

- Effluent and sewage waste transfer

Features

- 6/10 HP permanent split capacitor motor with energy-saving low amp draw
- Designed for continuous duty
- Epoxy coated cast iron housing and volute
- 2" FNPT (51 mm) discharge / 3" (76 mm) flange included
- Carbon/ceramic shaft seal
- Upper and lower ball bearings
- Cast iron 2 vane non-clog impeller
- Thermal overload protection
- Multiple switch options for automatic operation
- Multiple power cord lengths available
- Manual operation available
- cCSAus listed

Series Specifications

Capacity: 127 GPM @ 10'
(481 LPM @ 3 m)

Shut Off: 28' (8.5 m)

Liquid Temperature: 140°F (60°C)

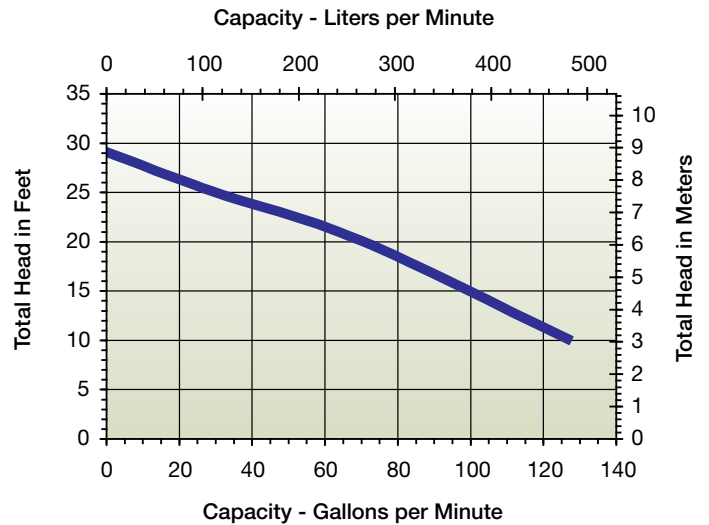
Discharge: 2" FNPT (51 mm)

Electrical: 115v, 60Hz
230v, 60Hz

Operation: Automatic or Manual

Solids Handling: 2" (51 mm)

Performance Curve



Model Characteristics

Item #	Model	Volts	Cord	Switch Type	On Level		Off Level	
					Feet	Centimeters	Feet	Centimeters
511562	ES60D1-10	115	10' 3 m	Piggyback Diaphragm	15.5"	39.4 cm	5.5"	14 cm
					14.5"	36.8 cm	4.5"	11.4 cm
511563	ES60D1-20	115	20' 6 m	Piggyback Diaphragm	15.5"	39.4 cm	5.5"	14 cm
					14.5"	36.8 cm	4.5"	11.4 cm
511584	ES60D2-20	230	20' 6 m	Piggyback Diaphragm	15.5"	39.4 cm	5.5"	14 cm
					14.5"	36.8 cm	4.5"	11.4 cm
511542	ES60W1-10	115	10' 3 m	Piggyback Mechanical Float	17.5"	44.4 cm	10.5"	26.7 cm
					16.5"	42 cm	9.5"	24 cm
511543	ES60W1-20	115	20' 6 m	Piggyback Mechanical Float	17.5"	44.4 cm	10.5"	26.7 cm
					16.5"	42 cm	9.5"	24 cm
511583	ES60W2-20	230	20' 6 m	Piggyback Mechanical Float	17.5"	44.4 cm	10.5"	26.7 cm
					16.5"	42 cm	9.5"	24 cm
511462	ES60M1-10	115	10' 3 m	Manual	-	-	-	-
511463	ES60M1-20	115	20' 6 m	Manual	-	-	-	-
511482	ES60M2-20	230	20' 6 m	Manual	-	-	-	-

Sewage Pumps

16S SERIES 1 HP



Applications

- Effluent and sewage waste transfer

Features

- 1 HP permanent split capacitor motor with overload protection (single phase models)
- Designed for continuous duty
- Epoxy coated cast iron housing, cover and volute
- 3" FNPT (76 mm) discharge
- Carbon/ceramic shaft seal
- Two vane non-clog epoxy coated cast iron impeller
- Upper and lower ball bearings

Series Specifications

Capacity: 160 GPM @ 10'
(606 LPM @ 8.5 m)

Shut Off: 35' (10.6 m)

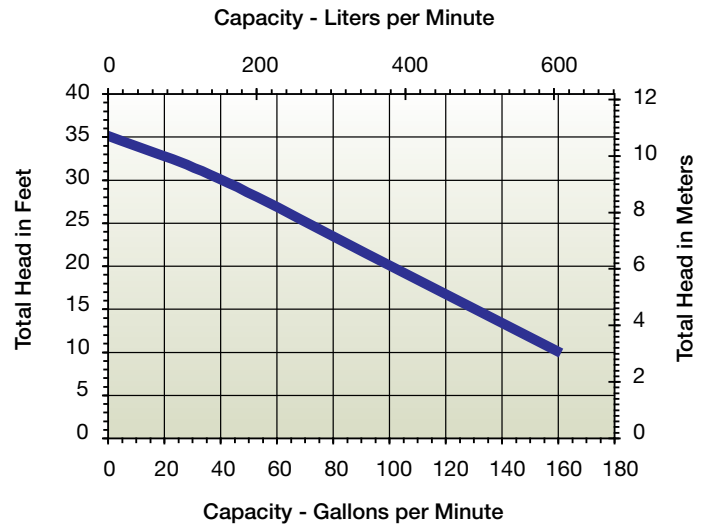
Liquid Temperature: 140°F (60°C)

Electrical: 230v, 60Hz
200-208v, 60Hz
460v, 60Hz (380v, 50Hz)
575v, 60Hz

Operation: Manual

Solids Handling: 2" (51 mm)

Performance Curve



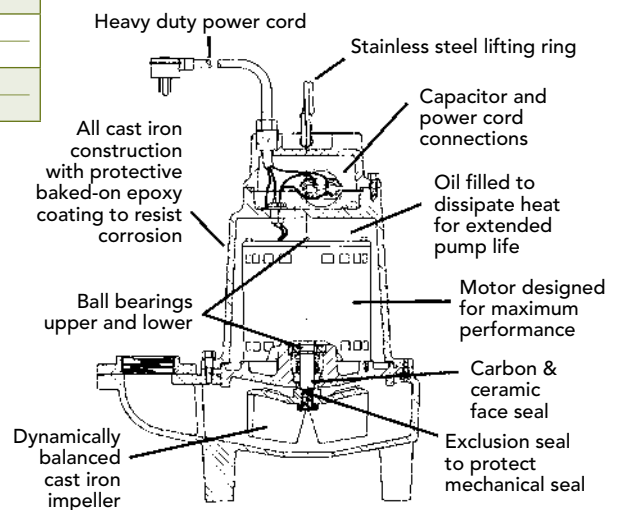
Model Characteristics

Item #	Model	Listing	Volts	Phase	Cord
514620	16S-CIM	UL / CSA	230	1	20' 6 m
514625	16S-CIM	UL / CSA	200-208	1	20' 6 m
514630	16S-CIM	UL / CSA	230	1	40' 12 m
514720	16S-CIM	UL / CSA	230	3*	20' 6 m
514730	16S-CIM	UL / CSA	380-460	3*	20' 6 m
514740	16S-CIM	CSA	575	3*	20' 6 m
514750	16S-CIM	UL / CSA	200-208	3*	20' 6 m

Note: Single-phase pumps can use either a mechanical float switch or a single-phase control panel for automatic on/off.

*Three-phase pumps must have a three-phase control panel for automatic or manual operation.

Features



For more information call 1.800.701.7894

Sewage Pumps

18S SERIES 1-1/2 HP



Applications

- Effluent and sewage waste transfer

Features

- 1-1/2 HP permanent split capacitor motor with overload protection (single phase models)
- Designed for continuous duty
- Epoxy coated cast iron housing, cover and volute
- 3" FNPT (76 mm) discharge
- Carbon/ceramic shaft seal
- Vortex brass impeller
- Upper and lower ball bearings
- UL / CSA listed

Series Specifications

Capacity: 160 GPM @ 10'
(606 LPM @ 8.5 m)

Shut Off: 64' (19.5 m)

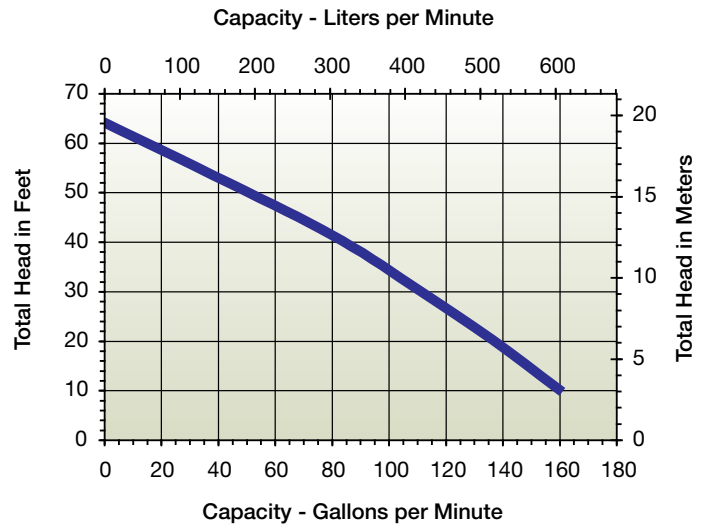
Liquid Temperature: 140°F (60°C)

Electrical: 230v, 60Hz
208v, 60Hz
200-208v, 60Hz
460v, 60Hz

Operation: Manual

Solids Handling: 2" (51 mm)

Performance Curve



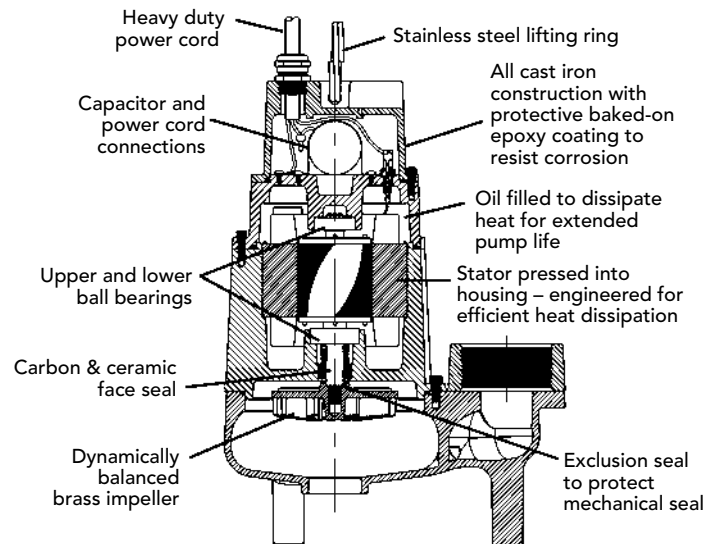
Model Characteristics

Item #	Model	Volts	Phase	Cord
520301	18S-CIM	230	1	20' 6 m
520300	18S-CIM	208	1	20' 6 m
520302	18S-CIM	200-208	3*	20' 6 m
520303	18S-CIM	230	3*	20' 6 m
520304	18S-CIM	460	3*	20' 6 m

Note: Single-phase pumps can use either a mechanical float switch or a single-phase control panel for automatic on/off.

*Three-phase pumps must have a three-phase control panel for automatic or manual operation.

Features



For more information call 1.800.701.7894

Sewage Pumps

20S SERIES 2 HP



Applications

- Effluent and sewage waste transfer

Features

- 2 HP permanent split capacitor motor with overload protection (single phase models)
- Designed for continuous duty
- Epoxy coated cast iron housing, cover and volute
- 3" FNPT (76 mm) discharge
- Carbon/ceramic shaft seal
- Brass impeller
- Upper and lower ball bearings
- UL / CSA listed

Series Specifications

Capacity: 205 GPM @ 10'
(776 LPM @ 8.5 m)

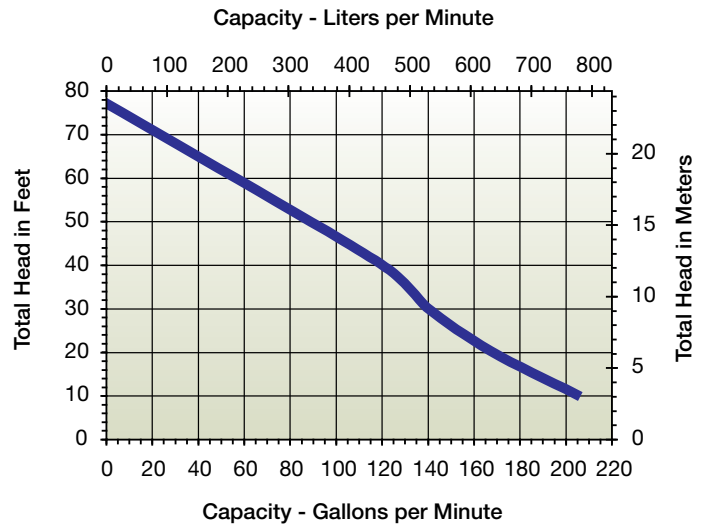
Operation: Manual
Solids Handling: 2" (51 mm)

Shut Off: 77' (23 m)

Liquid Temperature: 140°F (60°C)

Electrical: 230v, 60Hz
208-230v, 60Hz
200-208v, 60Hz
460v, 60Hz

Performance Curve



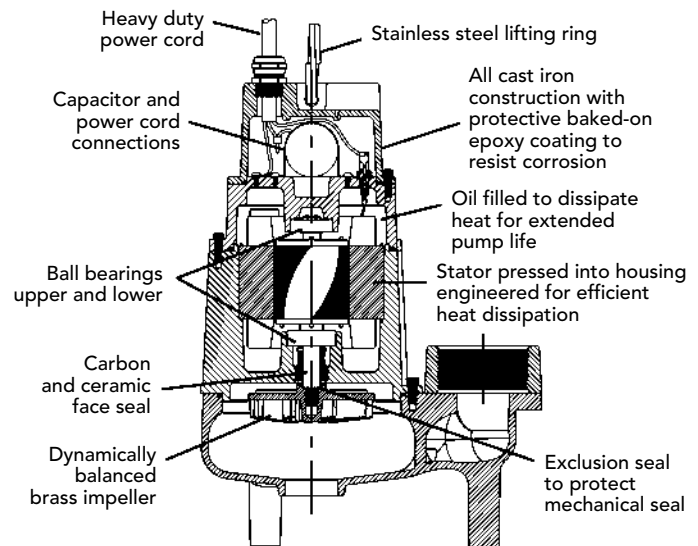
Model Characteristics

Item #	Model	Volts	Phase	Cord
520100	20S-CIM	208-230	1	20' 6 m
520125	20S-CIM	200-208	3*	20' 6 m
520150	20S-CIM	230	3*	20' 6 m
520175	20S-CIM	460	3*	20' 6 m

Note: Single-phase pumps can use either a mechanical float switch or a single-phase control panel for automatic on/off.

*Three-phase pumps must have a three-phase control panel for automatic or manual operation.

Features



Sewage Pumps

Premium Simplex Systems Pit+Plus® / Pit+Plus® Jr.

Applications

- Collection of sewage, effluent, drainage, or seepage water

Features

- Roto-molded polyethylene basin in two size options: 20" x 30" (51 cm x 76 cm) or 24" x 24" (61 cm x 61 cm)
- Radial rib design for extra strength
- 360° molded handle for easy handling
- Molded torque stops at basin bottom to secure pump
- 4" (10.2 cm) molded external inlet hub for flexible coupling
- Structural foam or IAPMO approved steel cover options available
- One- or two-piece cover options available
- Slip-fit or bolt-on cover flange options available
- 4/10 HP or 1/2 HP sewage pump options available



9S-SMPXC-LG

9S-SMPX-LG

Model Characteristics

Pre-Packaged (assembly required)

Item #	Model	Basin Size	Cover				Pump HP	Check Valve	
			Style	Material	Flanges	Vent			Discharge
509108	9S-SMPX-LG	20" x 30" 51 cm x 76 cm	1-Piece	Structural Foam	Bolt-On	2" 51 mm	2" 51 mm	4/10	2" 51 mm
511135	10S-SMPX-LG	20" x 30" 51 cm x 76 cm	1-Piece	Structural Foam	Bolt-On	2" 51 mm	2" 51 mm	1/2	2" 51 mm
509090	9S-SMPX-LG	20" x 30" 51 cm x 76 cm	1-Piece	Structural Foam	Slip-Fit	2" or 3" 51 mm or 76 mm	2" 51 mm	4/10	2" 51 mm
511069	10S-SMPX-LG	20" x 30" 51 cm x 76 cm	1-Piece	Structural Foam	Slip-Fit	2" or 3" 51 mm or 76 mm	2" 51 mm	1/2	2" 51 mm
509011	9S-SMPX-LG	20" x 30" 51 cm x 76 cm	2-Piece	Structural Foam	Bolt-On	2" 51 mm	2" 51 mm	4/10	2" 51 mm
511020	10S-SMPX-LG	20" x 30" 51 cm x 76 cm	2-Piece	Structural Foam	Bolt-On	2" 51 mm	2" 51 mm	1/2	2" 51 mm
509632	9S-SMPXC-LG	24" x 24" 61 cm x 61 cm	1-Piece	Structural Foam	Bolt-On	2" 51 mm	2" 51 mm	4/10	2" 51 mm
511632	10S-SMPXC-LG	24" x 24" 61 cm x 61 cm	1-Piece	Structural Foam	Bolt-On	2" 51 mm	2" 51 mm	1/2	2" 51 mm
509631	9S-SMPXC-LG	24" x 24" 61 cm x 61 cm	1-Piece	Structural Foam	Slip-Fit	2" or 3" 51 mm or 76 mm	2" 51 mm	4/10	2" 51 mm
511631	10S-SMPXC-LG	24" x 24" 61 cm x 61 cm	1-Piece	Structural Foam	Slip-Fit	2" or 3" 51 mm or 76 mm	2" 51 mm	1/2	2" 51 mm

Note: Other BASIN / PUMP / COVER configurations are available. Please contact factory for information on package requirements not shown here.

Sewage Pumps

Premium Simplex Systems Pit+Plus® / Pit+Plus® Jr.

continued

Model Characteristics

Pre-Assembled (ready to install)			Cover					Pump HP	Check Valve	Alarm
Item #	Model	Basin Size	Style	Material	Flanges	Vent	Discharge			
509109	9S-SMPX-LG	20" x 30" 51 cm x 76 cm	1-Piece	Structural Foam	Bolt-On	2" 51 mm	2" 51 mm	4/10	2" 51 mm	-
509115	9S-SMPX-LG1A	20" x 30" 51 cm x 76 cm	1-Piece	Structural Foam	Bolt-On	2" 51 mm	2" 51 mm	4/10	2" 51 mm	Indoor High Water
511136	10S-SMPX-LG	20" x 30" 51 cm x 76 cm	1-Piece	Structural Foam	Bolt-On	2" 51 mm	2" 51 mm	1/2	2" 51 mm	-
509091	9S-SMPX-LG	20" x 30" 51 cm x 76 cm	1-Piece	Structural Foam	Slip-Fit	2" or 3" 51 mm or 76 mm	2" 51 mm	4/10	2" 51 mm	-
509097	9S-SMPX-LG1A	20" x 30" 51 cm x 76 cm	1-Piece	Structural Foam	Slip-Fit	2" or 3" 51 mm or 76 mm	2" 51 mm	4/10	2" 51 mm	Indoor High Water
511070	10S-SMPX-LG	20" x 30" 51 cm x 76 cm	1-Piece	Structural Foam	Slip-Fit	2" or 3" 51 mm or 76 mm	2" 51 mm	1/2	2" 51 mm	-
511077	10S-SMPX-LG	20" x 30" 51 cm x 76 cm	1-Piece	(IAPMO) Steel	Slip-Fit	2" 51 mm	2" 51 mm	1/2	2" 51 mm	-
509118	9S-SMPX-LG	20" x 30" 51 cm x 76 cm	1-Piece	(IAPMO) Steel	Slip-Fit	2" 51 mm	2" 51 mm	4/10	2" 51 mm	-
509017	9S-SMPX-LG	20" x 30" 51 cm x 76 cm	2-Piece	Structural Foam	Bolt-On	2" 51 mm	2" 51 mm	4/10	2" 51 mm	-
511023	10S-SMPX-LG	20" x 30" 51 cm x 76 cm	2-Piece	Structural Foam	Bolt-On	2" 51 mm	2" 51 mm	1/2	2" 51 mm	-
509635	9S-SMPXC-LG	24" x 24" 61 cm x 61 cm	1-Piece	Structural Foam	Bolt-On	2" 51 mm	2" 51 mm	4/10	2" 51 mm	-
511635	10S-SMPXC-LG	24" x 24" 61 cm x 61 cm	1-Piece	Structural Foam	Bolt-On	2" 51 mm	2" 51 mm	1/2	2" 51 mm	-
509633	9S-SMPXC-LG	24" x 24" 61 cm x 61 cm	1-Piece	Structural Foam	Slip-Fit	2" or 3" 51 mm or 76 mm	2" 51 mm	4/10	2" 51 mm	-
511633	10S-SMPXC-LG	24" x 24" 61 cm x 61 cm	1-Piece	Structural Foam	Slip-Fit	2" or 3" 51 mm or 76 mm	2" 51 mm	1/2	2" 51 mm	-

Basin Cover Assemblies* - Pit+Plus® / Pit+Plus® Jr.

Item #	Model	Basin Size	Cover				
			Style	Material	Flanges	Vent	Discharge
513245	BC2030CS-LG	20" x 30" 51 cm x 76 cm	1-Piece	Structural Foam	Bolt-On	2" 51 mm	2" 51 mm
513244	BC2030CS-LG	20" x 30" 51 cm x 76 cm	1-Piece	Structural Foam	Slip-Fit	2" or 3" 51 mm or 76 mm	2" or 3" 51 mm or 76 mm
513092	BC2424CS-LG	24" x 24" 61 cm x 61 cm	1-Piece	Structural Foam	Bolt-On	2" 51 mm	2" 51 mm
513091	BC2424CS-LG	24" x 24" 61 cm x 61 cm	1-Piece	Structural Foam	Slip-Fit	2" or 3" 51 mm or 76 mm	2" or 3" 51 mm or 76 mm

* Note: Basin and cover only

For more information call 1.800.701.7894

Sewage Pumps

Simplex Systems

Applications

- Collection of sewage, effluent, drainage, or seepage water

Features

- Multiple basin styles to choose from - molded poly, structural foam or roll top poly
- One- or two-piece cover options available
- Slip-fit or bolt-on cover flange options available
- 4/10 HP or 1/2 HP sewage pump options available



9S-SMPX-B

10S-SMPX

Model Characteristics

Pre-Packaged Simplex Systems (assembly required)

Item #	Model	Basin			Cover					Pump HP	Check Valve
		Size	Style	Inlet Hub Included	Style	Material	Flanges	Vent	Discharge		
509025	9S-SMPX-B	18" x 30" 46 cm x 76 cm	Molded Polyethylene	4" Adaptaflex Grommet	1-Piece	Steel	Slip-Fit	2" 51 mm	2" 51 mm	4/10	2" 51 mm
509026	9S-SMPX-B	18" x 30" 46 cm x 76 cm	Molded Polyethylene	Cast Iron Hub	1-Piece	Steel	Slip-Fit	2" 51 mm	2" 51 mm	4/10	2" 51 mm
509034	9S-SMPX-B	18" x 30" 46 cm x 76 cm	Molded Polyethylene	4" Adaptaflex Grommet	2-Piece	Steel	Bolt-On	2" 51 mm	2" 51 mm	4/10	2" 51 mm
511062	10S-SMPX-B	18" x 30" 46 cm x 76 cm	Molded Polyethylene	4" Adaptaflex Grommet	1-Piece	Steel	Slip-Fit	2" 51 mm	2" 51 mm	1/2	2" 51 mm
509042	9S-SMPX	18" x 30" 46 cm x 76 cm	Structural Foam*	Snap-in Vinyl Hub	2-Piece	Steel	Bolt-On	2" 51 mm	2" 51 mm	4/10	2" 51 mm
509044	9S-SMPX	18" x 30" 46 cm x 76 cm	Structural Foam	Snap-in Vinyl Hub	2-Piece	Steel	Bolt-On	2" 51 mm	2" 51 mm	4/10	2" 51 mm
509045	9S-SMPX	18" x 30" 46 cm x 76 cm	Structural Foam	Cast Iron Hub	2-Piece	Steel	Bolt-On	2" 51 mm	2" 51 mm	4/10	2" 51 mm
511044	10S-SMPX	18" x 30" 46 cm x 76 cm	Structural Foam	Snap-in Vinyl Hub	2-Piece	Steel	Bolt-On	2" 51 mm	2" 51 mm	1/2	2" 51 mm
509074	9S-SMPXRT-K	18" x 30" 46 cm x 76 cm	Roll Top Poly	4" Adaptaflex & Multi-tite Grommet	1-Piece	Structural Foam	Slip-Fit	2" or 3" 51 mm or 76 mm	2" 51 mm	4/10	2" 51 mm
509076	9S-SMPXRT-K	18" x 30" 46 cm x 76 cm	Roll Top Poly	4" Adaptaflex & Multi-tite Grommet	1-Piece	Structural Foam	Slip-Fit	2" 51 mm	3" 76 mm	4/10	-
509078	9S-SMPXRT-K	18" x 30" 46 cm x 76 cm	Roll Top Poly	4" Adaptaflex & Multi-tite Grommet	1-Piece	Structural Foam	Slip-Fit	2" 51 mm	3" 76 mm	4/10	3" 76 mm
511065	10S-SMPXRT-K	18" x 30" 46 cm x 76 cm	Roll Top Poly	4" Adaptaflex & Multi-tite Grommet	1-Piece	Structural Foam	Slip-Fit	2" or 3" 51 mm or 76 mm	2" 51 mm	1/2	2" 51 mm

Note: Other configurations are available. Please contact factory for information on package requirements not shown here.

* Inlet hole is not pre-cut

Simplex Systems

continued

Model Characteristics

Pre-Assembled Simplex Systems (ready to install)

Item #	Model	Basin			Cover					Pump HP	Check Valve	Alarm
		Size	Style	Inlet Hub Included	Style	Material	Flanges	Vent	Dis-charge			
509067	9S-SMPXRTA-K	18" x 30" 46 cm x 76 cm	Roll Top Poly	4" Adaptaflex & Multi-tite Grommet	1-Piece	Structural Foam	Slip-Fit	2" or 3" 51 mm or 76 mm	2" 51 mm	4/10	2** 51 mm	Indoor High Water
509073	9S-SMPXRT-K	18" x 30" 46 cm x 76 cm	Roll Top Poly	4" Adaptaflex & Multi-tite Grommet	1-Piece	Structural Foam	Slip-Fit	2" or 3" 51 mm or 76 mm	2" 51 mm	4/10	2" 51 mm	-
509079	9S-SMPXRTA-K	18" x 30" 46 cm x 76 cm	Roll Top Poly	4" Adaptaflex & Multi-tite Grommet	1-Piece	Structural Foam	Slip-Fit	2" or 3" 51 mm or 76 mm	2" 51 mm	4/10	2" 51 mm	Indoor High Water
511064	10S-SMPXRT-K	18" x 30" 46 cm x 76 cm	Roll Top Poly	4" Adaptaflex & Multi-tite Grommet	1-Piece	Structural Foam	Slip-Fit	2" or 3" 51 mm or 76 mm	2" 51 mm	1/2	2" 51 mm	-

* Check valve / ball valve

Basin & Cover Assemblies - Simplex (pump not included)

Item #	Model	Basin			Cover				
		Size	Style	Inlet Hub Included	Style	Material	Flanges	Vent	Discharge
513201	BS1830CS2V2D-B	18" x 30" 46 cm x 76 cm	Molded Polyethylene	4" Adaptaflex Grommet	2-Piece	Steel	Bolt-On	2" 51 mm	2" 51 mm
513203	BB1830CS2V2D-B	18" x 30" 46 cm x 76 cm	Molded Polyethylene	Cast Iron Hub	2-Piece	Steel	Bolt-On	2" 51 mm	2" 51 mm
513100	BS1830CS2V2D	18" x 30" 46 cm x 76 cm	Structural Foam*	Snap-in Vinyl Hub	2-Piece	Steel	Bolt-On	2" 51 mm	2" 51 mm
513103	BB1830CS2V2D	18" x 30" 46 cm x 76 cm	Structural Foam	Cast Iron Hub	2-Piece	Steel	Bolt-On	2" 51 mm	2" 51 mm
513119	BS1830CS2V2D	18" x 30" 46 cm x 76 cm	Structural Foam	Snap-in Vinyl Hub	1-Piece	Steel	Bolt-On	2" 51 mm	2" 51 mm
513105	BB2436CS2V2D	24" x 36" 61 cm x 91.4 cm	Structural Foam	Cast Iron Hub	1-Piece	Steel	Bolt-On	2" 51 mm	2" 51 mm
513144	BB3036CS2V2D	30" x 36" 76 cm x 91.4 cm	Structural Foam	Cast Iron Hub	1-Piece	Steel	Bolt-On	2" 51 mm	2" 51 mm
513240	BS1830CSRT-K	18" x 30" 46 cm x 76 cm	Roll Top Poly	4" Adaptaflex & Multi-tite Grommet	1-Piece	Structural Foam	Slip-Fit	2" or 3" 51 mm or 76 mm	2" or 3" 51 mm or 76 mm

* Inlet hole is not pre-cut

Basin & Cover Assemblies - Duplex

Pre-packaged duplex systems NOW available, call for more information.

Item #	Model	Basin			Cover				
		Size	Style	Inlet Hub Included	Style	Material	Flanges	Vent	Discharge
513118	BB3636CD3V3D	36" x 36" 91.4 cm x 91.4 cm	Fiberglass	Cast Iron Hub	3-Piece	Steel	Bolt-On	3" 76 mm	3" 76 mm
513125	BB3636CD2V2D	36" x 36" 91.4 cm x 91.4 cm	Fiberglass	Cast Iron Hub	3-Piece	Steel	Bolt-On	2" 51 mm	2" 51 mm
513129	BB2436CD2V2D	24" x 36" 61 cm x 91.4 cm	Structural Foam	Cast Iron Hub	3-Piece	Steel	Bolt-On	2" 51 mm	2" 51 mm
513148	BB3036CS2V2D	30" x 36" 76 cm x 91.4 cm	Structural Foam	Cast Iron Hub	3-Piece	Steel	Bolt-On	2" 51 mm	2" 51 mm
513151	BB3036CS3V3D	30" x 36" 76 cm x 91.4 cm	Structural Foam	Cast Iron Hub	3-Piece	Steel	Bolt-On	3" 76 mm	3" 76 mm

Sewage Pumps

SDS SERIES Sewage Disposal Systems



Applications

- Residential bathrooms, basements, or room additions

Features

- Easy installation - reduces construction expense
- Designed to accept many toilet styles and sizes
- Polyethylene tank and lid with adaptaflex seals for 2" (51 mm) discharge
- 4/10 HP or 1/2 HP sewage pump options with 2" (51 mm) solids handling
- Includes 2" (51 mm) PVC pipe, 30" (76 mm) in length
- Includes 2" (51 mm) check valve

SDS Sewage Disposal System

Item #	Model	Pump HP	Capacity
509750	SDS-9	4/10	80 GPM @ 5' 303 LPM @ 1.5 m
511750	SDS-10	1/2	110 GPM @ 5' 416 LPM @ 1.5 m

WCR SERIES Water Collection & Removal Systems



Applications

- Collection and removal of water run-off from low lying areas
- Sewage collection and removal

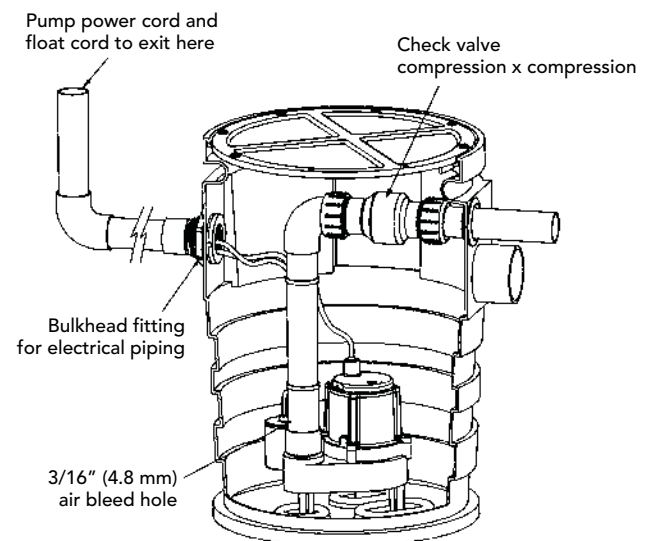
Features

- Pre-packaged 20" x 30" (51 mm x 76 mm) polyethylene basin with 4/10 HP sewage pump
- Options of structural foam or steel covers
- Includes schedule 40 PVC discharge piping with pre-drilled air-bleed hole
- Designed with side outlets for discharge and electrical cords
- Includes 2" (51 mm) bulkhead fitting to easily route power cords out of basin
- Once installed, no digging required for system servicing

WCR Water Collection & Removal Systems

Item #	Model	Pump HP	Cover	Capacity
509081	WCR-9SP	4/10	Structural Foam	80 GPM @ 5' 303 LPM @ 1.5 m
509082	WCR-9SS	4/10	Steel	80 GPM @ 5' 303 LPM @ 1.5 m

Typical Installation



GP Series 2 HP



Applications

- Residential sewage waste transfer where high head conditions exist

Features

- 2 HP single phase, capacitor start/run motor with built-in overload protection for over-current and over-temperature damage
- Compact and easier to lift - only 75 lbs. (34 kg)
- Epoxy coated cast iron finish for corrosion resistance and durability
- Externally mounted start components*
- Carbon/ceramic shaft seal
- Impeller features include: brass, 7-vane, angled face, non-clogging, and balanced design
- Tight cutting clearances for better cutting action
- GP-A model includes leg kit
- UL / CSA listed

Series Specifications

Capacity: 32 GPM @ 20'
(121 LPM @ 6 m)

Shut Off: 130' (37 m)

Liquid Temperature: 140°F (60°C)

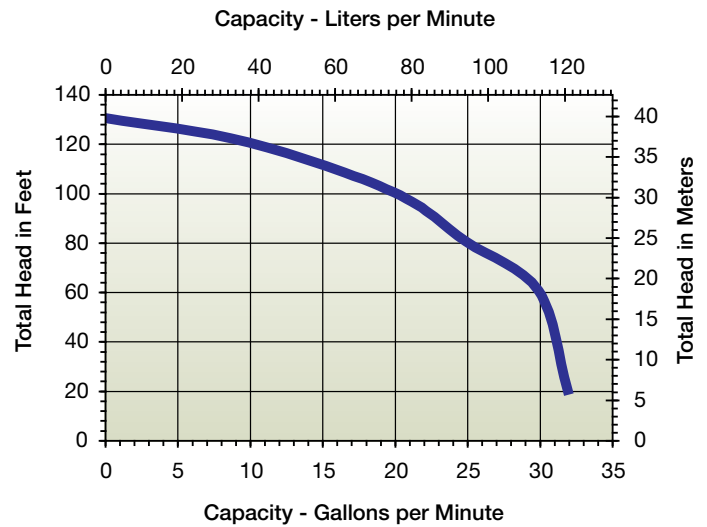
Electrical: 230v, 60Hz
208v, 60Hz

Operation: Manual

Bearings: Upper and lower ball bearings

Cutter System: Hardened stainless steel

Performance Curve



Model Characteristics

Item #	Model	Volts	Cord (w/o plug)	Switch Type	On Level	Off Level
520885	GP-A201-20	208	15' 4.6 m	Piggyback Mechanical Float (no panel required)	23" - 25" 58.4 cm - 63.5 cm	9" - 11" 23 cm - 28 cm
520875	GP-A231-20	230	15' 4.6 m	Piggyback Mechanical Float (no panel required)	23" - 25" 58.4 cm - 63.5 cm	9" - 11" 23 cm - 28 cm
520855	GP-M201-15-H130	208	15' 4.6 m	-	-	-
520865	GP-M231-15-H130	230	15' 4.6 m	-	-	-

Note: GP-M grinder pumps require specific control panel or capacitor kit specifically matched to pump for proper operation and 3rd party approvals.

* GP-M models only.

Features

GP-M231 & -M201 Series

- UL/CSA Certified 13.9 FLA
- 1-1/4" FNPT (31.7 mm) discharge
- Requires control panel or capacitor kit for proper operation & third party approvals
- Unique patent pending cutter system
- Baked-on epoxy coated cast iron body
- Self-aligning, hardened stainless steel cutters (reversible stationary cutter)
- Dynamically balanced brass impeller
- Carbon/ceramic mechanical seal
- Upper and lower ball bearings
- Heavy duty 2 HP capacitor start, capacitor run motor (start components in panel)
- Cord strain relief with water barrier

For more information call 1.800.701.7894

QTI Assemblies

Applications

- Residential sewage waste transfer where high head conditions exist

Features

- Quick to install fiberglass or polyethylene basin and covers are pre-assembled with corrosion resistant E-Z out rail system
- Includes sealing flange, discharge pipe disconnect, preset control float switches, stainless steel float bracket, stainless steel guide rails, lifting chain, junction box, ball valve or gate valve, and ball check valve

Basin & Cover Assemblies:

- Pre-assembled with E-Z out rail system, with sealing flange, discharge pipe disconnect, three pre-set control float switches, stainless steel guide rails, lifting chain, junction box, ball valve (gate valve on fiberglass basins) and check valves

Package Systems:

- Includes GP series 2 HP grinder pump (installed in field), grinder control panel/alarm with starting component matched to grinder motor



Model Characteristics

QTI Residential Sewage Grinder Package System**

Item #	Model	Volt	Basin	
			Size	Style
520816	GP-SMPX-K	230	24" x 60" 61 cm x 152.4 cm	Fiberglass
520817	GP-SMPX-K	230	24" x 72" 61 cm x 183 cm	Fiberglass
520818	GP-SMPX-K	230	24" x 60" 61 cm x 152.4 cm	Polyethylene
520819	GP-SMPX-K	230	24" x 72" 61 cm x 183 cm	Polyethylene

QTI Basin & Cover Assemblies*** (Pump and panel not included)

Item #	Model	Basin	
		Size	Style
513140	BS2460FG-K	24" x 60" 61 cm x 152.4 cm	Fiberglass
513141	BS2472FG-K	24" x 72" 61 cm x 183 cm	Fiberglass
513142	BS2460PB-K	24" x 60" 61 cm x 152.4 cm	Polyethylene
513143	BS2472PB-K	24" x 72" 61 cm x 183 cm	Polyethylene

** Other Grinder Package configurations are available. Please contact factory for information on package requirements not shown here.

*** Basin & Cover Assemblies for Grinder Pumps are available in various configurations. Please contact factory for special order basin assembly.

GP Grinder Series Control Panel and Alarm



Applications

- Designed exclusively for the GP Grinder Series

Features

- Properly sized start components maximize efficiency and service life of the GP grinders
- Color-coded terminal strip for ease of installation
- Circuit breaker, audible alarm, silence switch and red flashing light are enclosed in a NEMA 4X waterproof enclosure
- Three floats (sold separately) control on, off, and alarm functions
- UL / CSA listing

Simplex

Item #	Model	Volts	Floats
513374	MGP-1C18-2	208/230	3 floats required

Duplex

Item #	Model	Volts	Floats
513375	MGPD-1C18	208/230	4 floats required

The GP Grinder Series requires a specific controller panel or capacitor kit from Franklin Electric specifically matched to the Little Giant pump for proper operation and 3rd party approvals.

Control Floats



Applications

- For use with control panel and alarms

Features

- Mechanically activated contacts
- Not sensitive to rotation
- 5 amp, 115/230VAC, 50/60Hz

Item #	Model	Switch	Cord
950266	CFSW	Weighted control float switch	20' 6 m
950267	CFST	Control float switch with cable clamp	20' 6 m

Junction Box Alarm Kit



Applications

- Designed specifically for auto grinder installations

Features

- Circuit breaker
- Labeled terminal block
- Alarm beacon
- Alarm float

Item #	Model
513297	JBAK

Grinder Leg Kit



Applications

- Grinders

Features

- Includes three stainless steel support legs with stainless steel hardware
- A special stainless steel leg kit is available for "hard-piped" installations
- Easy to install, the legs raise the pump inlet area to approximately 4" (102 mm) off the surface to ensure clearance for solids to enter

Item #	Model	Use
599078	GLK	For GP Series only

Capacitor Kit

Applications

- For GP Series

Features

- Includes start capacitor, run capacitor, relay, end caps and mounting hardware

Item #	Model	Volts
520857	GP-CKIT	208/230

Utility Pumps

Pony Pump® Series 1/10 HP Non-Submersible, Self-Priming



Applications

- Commercial, industrial and home uses where liquid must be transferred

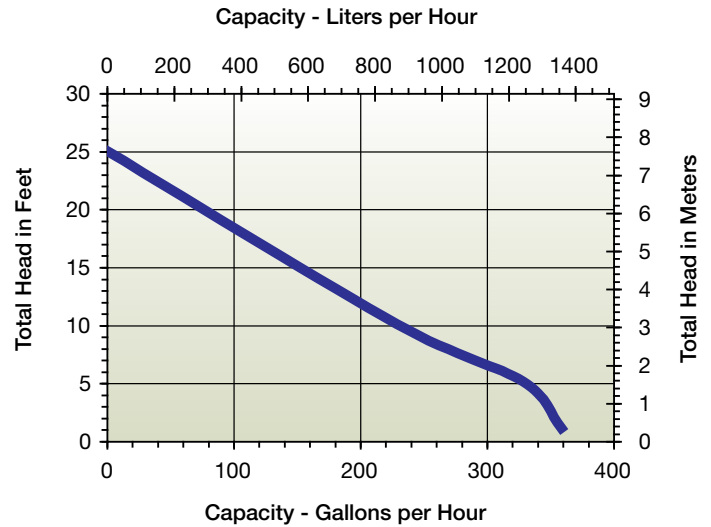
Features

- Self priming for instant delivery or de-watering up to 6' (1.8 m)
- Non-submersible stainless steel or plated brass pump body
- Rugged metallic handle for easy portability
- Dual threaded intake and discharge with both 3/4" (19 mm) male garden hose thread and 3/8" FNPT (9.5 mm)
- Model 360K includes pump, hose, strainer and suction adapter
- Pump only models available with separate kit options

Series Specifications

Capacity: Up to 360 GPH (1363 LPH)

Performance Curve



Model Characteristics

Item #	Model	Volts	Cord	Material
555502	360	115	6' 1.8 m	Plated Brass
555103	360S	115	6' 1.8 m	Stainless Steel
555507	370	115	6' 1.8 m	Plated Brass
555602	365	12 VDC	7' w/clips 2.1 m	Plated Brass
555203	365S	12 VDC	7' w/clips 2.1 m	Stainless Steel
555122	360K	115	6' 1.8 m	Plated Brass

Pony Pump® Replacement Impeller & Brush Kits

Item #	Model	Includes	Kit Used On
555702	HRK-360S	(2) Each – Buna Impeller w/SST Insert, Buna Cover Gaskets	All Models
		(1) Each – SST Cam, SST Cam Screws, SST Volute Cover, Cam Gasket	
		(4) Each – Volute Cover Screws	
555706	IRK-360	(2) Each – Buna Impellers w/Brass Insert, Buna Cover Gaskets	555502, 555122, 555602
555710	HW-360	(1) Each – 10 ft. Garden Hose, SST Spring Strainer, Suction Adaptor	All Models
555713	IRK-360S	(2) Each – Buna Impellers w/SST Insert, Buna Cover Gaskets	555103, 555203, 555503
555714	ISRK-360S	(2) Each – Buna Impellers w/SST Insert, Buna Cover Gaskets	All Models
		(1) Each – Slinger/Viton U-Cup Seal/Felt Washer/Retainer Ring	
555705	WB-360	Brush Kit: (2) Each – White Caps/Brushes/Covers/Springs	All Models

For more information call 1.800.701.7894

Utility Pumps

UPSP Series 1/2 HP Non-Submersible, Self-Priming



Applications

- Flooded basements, watering lawns and draining water heaters

Features

- Non-submersible, in-line, portable utility transfer pump with rugged one-piece cast iron housing and integral carrying handle
- Self-priming to 15' (4.6 m) when priming chamber is filled
- Can also be used to boost water pressure for washing vehicles, sidewalks and more
- Convenient 3/4" (19 mm) brass garden hose adapters on intake and discharge
- UL/CSA listing

Series Specifications

Capacity: 1152 GPH @ 20'
(4360 LPH @ 6 m)

Electrical: 115v, 60Hz

Operation: In-line only

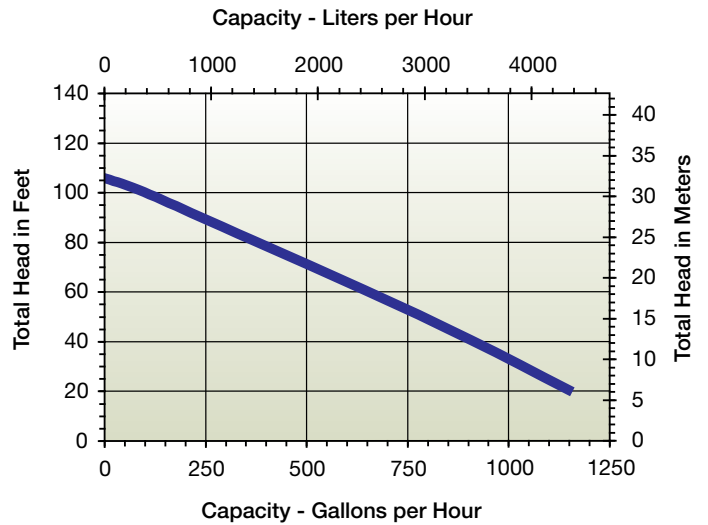
Shut Off: 105' (32 m)

Liquid Temperature: 140°F (60°C)

Discharge: 3/4" FNPT (19 mm)

Impeller: Ryton

Performance Curve



Model Characteristics

Item #	Model	Volts	Cord	Housing	Mechanical Shaft Seal
555101	UPSP-5	115	10' 3 m	Cast Iron Volute	Carbon / Ceramic

Utility Pumps

5 Series 1/6 HP Submersible



WATER WIZARD®

Applications

- Commercial, industrial and home uses where liquid must be transferred or recirculated

Features

- 1/6 HP shaded pole motor with overload protection
- Designed for continuous duty
- Pumps down to 1/8" (38 mm)
- Garden hose adapter
- Removable inlet screen for easy cleaning
- Epoxy coated cast aluminum housing
- Viton® shaft seal
- Multiple switch options for automatic operation
- Multiple power cord lengths available

Series Specifications

Capacity: 1200 GPH @ 1'
(4542 LPH @ .3 m)

Electrical: 115v, 60Hz
230v, 60Hz

Shut Off: 26' (8 m)

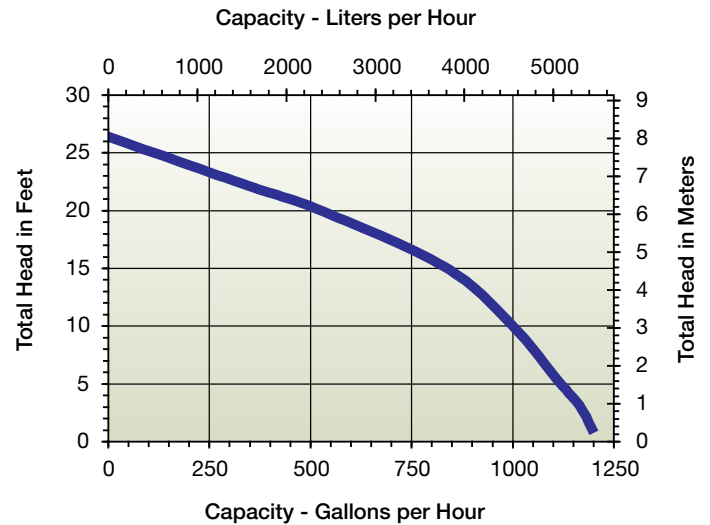
Operation: Automatic or Manual

Liquid Temperature: 120°F (49°C)

Discharge: 1" FNPT (25.4 mm)

Impeller: Nylon

Performance Curve



Model Characteristics

Item #	Model	Volts	Cord	Listing	On Level		Off Level	
505300	5-ASP	115	10' 3 m	UL / CSA	6" - 9" 15.2 cm - 23 cm	1" - 4" 2.5 cm - 10.2 cm		
505350	5-ASP-LL	115	18' 5.5 m	UL / CSA	2" - 3" 5 cm - 7.6 cm	.5" - 1.5" 1.27 cm - 3.8 cm		
505400	5-ASP-FS	115	10' 3 m	UL / CSA	11" 28 cm	3" 7.6 cm		
505486	5-MSPR	115	10' 3 m	UL / CSA	-	-		
505000	5-MSP	115	10' 3 m	UL	-	-		
505025	5-MSP	115	25' 7.6 m	UL	-	-		
505086	5-MSP	115	10' 3 m	UL / CSA	-	-		
505176	5-MSP	115	18' 5.5 m	UL / CSA	-	-		
505202	5-MSP	230	12' 3.6 m	-	-	-		

Accessories

Piggyback Mechanical Float Switch



Applications

- Converts manual pumps to automatic operation



Features

- RFSN-6, RFSN-9 and RFSN-10 convert any manual pump, up through 1/2 HP (115v) or 1 HP (230v)
- RFSN-16 and RFSN-20 convert any manual pump, up through 3/4 HP (115v), or 2 HP (230v)
- UL / CSA listing

Item #	Model	Volts	Max. Amps	Cord
599118	RFSN-6	115/230	13	10' 3 m
599117	RFSN-9	115/230	13	15' 4.6 m
599128	RFSN-9	208/230	13	15' 4.6 m
599210	RFSN-10	115/230	13	20' 6 m
599119	RFSN-10	115/230	13	25' 7.6 m
599211	RFSN-16	115/230	15	20' 6 m
599318	RFSN-20	115/230	20	20' 6 m (w/o plug)

Piggyback Vertical Mechanical Float Switch



Applications

- Converts manual pumps to automatic operation



Features

- Converts any manual pump, up through 1/2 HP (115v) or 1 HP (230v)
- Adjustable pumping range from 6.5" (16.5 cm) to .75" (1.9 cm)
- Designed for use in confined areas
- Not sensitive to turbulence
- UL / CSA listing

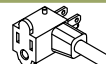
Item #	Model	Volts	Max. Amps	Cord
599261	RVMS-10	115/230	13	10' 3 m
599262	RVMS-15	115/230	13	15' 4.6 m
599263	RVMS-20	115/230	13	20' 6 m

Piggyback Diaphragm Switch



Applications

- Converts manual pumps to automatic operation



Features

- RS-5 converts any manual pump, up through 1/2 HP (115v)
- RS-5-LL (Low Level) converts any manual pump, up through 1/3 HP (115v)
- UL / CSA listing (115v models only)

Item #	Model	Volts	Max. Amps	Cord	Mounted to 5-MSP pump	
					On Level	Off Level
599008	RS-5	115	10	10' 3 m	6" - 9" 15.2 cm - 23 cm	1" - 4" 2.5 cm - 10.2 cm
599009	RS-5	115	10	18' 5.5 m		
599010	RS-5	230	10	8' 2.4 m (w/o plug)		
599014	RS-5LL	115	10	18' 5.5 m	2" - 3"	1/2" - 1-1/2"
599019	RS-5LL	115	10	25' 7.6 m	5 cm - 7.6 cm	1.27 cm - 3.8 cm

Accessories


Double-Float Piggyback Mechanical Float Switch



Applications

- Pump control

Features

- Controls pumps up to 1 HP (120v) and 2 HP (230v)
- Adjustable pumping range of 1.75" (4.4 cm) to 48" (122 cm)
- Consists of two floats, one of which contains a holding relay, enabling the floats to function in series
-  / CSA listing

Item #	Model	Volts	Max. Amps
14940410	15DFMMD1WP	115	13
14940411	15DFMMD2WOP	230 (w/o plug)	13

Vertical Diaphragm Switch



Applications

- For automatic control of a pump in water and sewage effluent applications

Features

- Designed to operate in applications with limited space, such as small sump chambers
- The VDS features models with either a 6" (15.2 cm) or 10" (25.4 cm) pumping range, max 1/2 HP, 13 amps
- UL / CSA listing

Item #	Model	Volts	Cord	Pumping Range
599165	VDS1006	115	10' 3 m	6" 15.2 mm
599168	VDS1010	115	10' 3 m	10" 25.4 mm
599166	VDS1506	115	15' 4.6 m	6" 15.2 mm
599169	VDS1510	115	15' 4.6 m	10" 25.4 mm
599167	VDS2010	115	20' 6 m	10" 25.4 mm

Sump Pump Switch Repair Kit



Applications

- Switch repair kit

Features

- Includes pressure switch bracket assembly, screw, diaphragm and O-ring

Item #	Model	Repairs Pumps	Housing
599300	SPRK-1	6-CIA, 8-CIA and 8-CBA	✓
599310	SPRK-1-ML	6-CIA-ML (used in WRSC-6)	✓
599320	SPRK-2	5-ASP, 6-CIA, 8-CIA and 8-CBA	–
599314	SPRK-2-ML	6-CIA-ML (used in WRSC-6)	–
599350	SPRK-3	10-CIA and 12-CBA	✓

Sump Pump Discharge Kits



Applications

- Discharging water out of the basement sump

Features

- 1-1/4" (31.7 mm) and 1-1/2" (38 mm) kits work with all types of sump pumps
- Each kit includes 24' (7.3 m) corrugated polyethylene hose, ABS thread x barbed adapter and galvanized steel clamp

Item #	Model	NPT
599301	SPDK-114	1-1/4" 31.7 mm
599302	SPDK-112	1-1/2" 38 mm

Accessories

HWAB Alarm



Applications

- Indoor high water alarm

Features

- NEMA 1 thermoplastic enclosure
- Mechanical float switch with 15' (4.6 m) cable
- Alarm has red LED warning light, horn with silence switch and test button
- 9 VDC battery backup
- UL / CSA listing

Item #	Model	Volts	Cord
513288	HWAB	115	6' 1.83 m

303HWXT Alarm



Applications

- Indoor/outdoor high water alarm

Features

- Type 3R watertight thermoplastic enclosure
- Mechanical float switch with 15' (4.6 m) cable
- Alarm has red warning light, horn with silence switch and test button
- Includes pre-mounted terminal block so enclosure can also be used as a junction box
- UL / CSA listing

Item #	Model	Volts
513273	303HWXT	115

Indoor Duplex Pump Alternator and Alarm System



Applications

- Indoor control/alarm device

Features

- Easy-to-install, NEMA 1, 3/4 HP device
- Low-cost alternative to conventional duplex control panels
- Operates two automatic sump, sewage or effluent pumps
- Alternates to second pump if first pump fails to turn on
- Alarm sounds when the water level rises too high
- Remote alarm contacts can be tied to home security system or auto dialer
- Operates single phase pumps with 15 max. run amps
- UL / C-UL listing

Item #	Model	Volts	Max. Amps	Cord
513325	HWD-115	115	15	9.5' 2.9 m

Low Voltage Water Alarm



Applications

- Remote water sensor and alarm

Features

- Remote sensor detects water and sounds alarm
- Sensor and alarm connected by 6' (1.83 m) of wire
- Adaptable with additional wire (not included) for locating up to 50' (15.2 m) apart
- Solid state electronics powered by 9v battery (not included)
- 5-decibel alarm sounds for 3 days
- Low battery warning
- Test bar for system check

Item #	Model	Volts
513350	HW-9	9v/DC

Accessories

Controls Simplex Systems



Applications

- Indoor/outdoor simplex alarm system and pump control

Features

- NEMA 4X waterproof fiberglass enclosure
- Includes control panel with audible alarm, silence switch and red alarm beacon
- Three floats, one each for high water, pump on and pump off
- Floats have 20' (6 m) power cords
- HOA switch offers either hand, off or automatic operations
- Two floats - pump on/off and alarm, 513257 only
- UL / C-UL listing

Single Phase

Item #	Model	Volts	Hz	Amps
513267	1121W120H17A	120/208/230	60	15 - 20
513257	1151W200H17A	115/230	60	0 - 15

Three Phase

Item #	Model	Volts	Hz	FLA
513265	3121W611H	208/240	60	13.0 - 18.0
513282	3121W201H17A	208/240/480	60	2.5 - 4.0
513284	3121W401H17A	208/240/480	60	6.0 - 10.0
513286	3121W511H17A	208/240/480	60	9.0 - 14.0

Junction Boxes



Item #	Model
513281	JB66-3

Controls Duplex Systems

Applications

- Indoor/outdoor duplex alarm system and pump control

Features

- NEMA 4X waterproof fiberglass enclosure
- Includes duplex pump control and alarm devices
- Pump alternator
- Visual and audible alarm and light system with silence switch
- Three floats, one each for high water, pump on and pump off
- Floats have 20' (6 m) power cords
- HOA switch offers either hand, off or automatic operations
- UL / C-UL listing

Single Phase

Item #	Model	Volts	Hz	FLA
513258	1221W120H6A17A	115/208/230	60	0 - 20

Three Phase

Item #	Model	Volts	Hz	FLA
513283	3221W201H17A	208/240/480	60	2.5 - 4.0
513285	3221W401H17A	208/240/480	60	6.0 - 10.0
513287	3221W511H17A	208/240/480	60	9.0 - 14.0
513266	3221W611H17A	208/240/480	60	13 - 18

LG Plugger



Applications

- For wiring a pumping station installation

Features

- Utilizes a receptacle to accept a 120v or 230v piggyback plug and a pump plug
- Liquid-tight seal and strain relief for the cable entering the junction box from the pumping station
- Terminal strip that can be used for connecting an alarm system to the junction box
- UL / CSA listing

Item #	Model	Volts	Alarm	Float
513290	JBP120V	120	-	-
513292	JBP120V-TA1	120	101HW	Yes
513294	JBP120V-TAXT	120	303HWXT	Yes
513295	JBP230V-TAXT	230	303HWXT	Yes

Accessories

Pump Disconnect



Applications

- When discharge is no lower than 18" (46 cm) below grade or where guide rails are not necessary

Features

- Non guide rail disconnect
- Point of discharge should be above the liquid level

Item #	Model	Disconnect
513302	PD-2	2"
		51 mm

Guide Rail Systems



Applications

- For installations with a total depth of over 5' (1.5 m) when the discharge pipe is 18" (46 cm) or more below grade, particularly when the liquid level is above the discharge level*

Features

- 3/4" (19 mm) IPS (Iron Pipe Size) pipe rails should be used on the 1-1/4" (31.7 mm) and 2" (51 mm) system and 1-1/4" (31.7 mm) IPS pipe rail on the 3" (76 mm) system
- Brass foot guide supplied for use with steel pipe
- Guide rail brackets and steel stand-off brackets included with each system to support the upper end of the guide rail pipes
- One intermediate guide rail bracket is required for every 10' (3 m) of rail. (Guide rail pipes, lifting chain and pull rod not included.)

Item #	Model	Discharge
513305	GR-3/4-114D	1-1/4"
		31.7 mm
513301	GR-3/4	2"
		51 mm
513300	GR-1-1/4	3"
		76 mm

All guide rail products can be used with any of the Franklin Electric, Little Giant effluent and sewage pumps having a 1-1/4" (31.7 mm), 2" (51 mm) or 3" (76 mm) discharge.

* NOTE: Not for duplex installations. For guide rail information on duplex installations, please consult the factory.

Intermediate Guide Rail Brackets



Applications

- For use with guide rail systems

Features

Item #	Model	Guide Rail
513303	IGR-3/4	3/4"
		19 mm (for use with GR-3/4)
513304	IGR-1-1/4	1-1/4"
		31.7 mm (for use with GR-1-1/4)

SA-1 Sacrificial Anode



Applications

- Magnesium accessory for use with aluminum-body pumps

Features

- Provides corrosion protection
- Lead wire

Item #	Wire
599002	8" 20 cm

Accessories

Cord Connectors



Applications

- Provides strain relief

Features

- Cord connector is liquid tight
- Polyamid and neoprene gland resist salt water, weak acids/alkalis and other chemicals

Item #	Model	Cord	Wire/Cable (AWG)
599207	CC-1	.270" to .480"	18/2, 18/3, 18/4, 16/2, 16/3, 16/4, 14/2, 14/3
		6.9 mm - 12.2 mm	
599213	CC-3	.545" to .709"	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3
		13.8 mm - 18 mm	

Discharge Adapters



Applications

- Allows use of garden hose with utility and sump pumps

Features

- Polypropylene, rust resistant

Item #	Model	Size
599030	GH-1 Adapter (fits 5-MSP/ASP)	1" MNPT x 3/4" GHT
		2.54 mm x 19 mm
599025	GH-3/4 Adapter	1-1/4" MNPT x 3/4" GHT 31.7 mm x 19 mm
599026	AD-6 Adapter (6-pk)	1-1/2" MNPT x 1-1/4" FNPT
		38 mm x 31.7 mm

Cast Iron Full Flow Check Valves



Features

- Vertical or horizontal installation
- Full-flow design
- Stops back flow of water
- Rated at 50 psi (115' [35 m] head) at 130°F (55°C)
- Cast iron NPT

Item #	Model	NPT
599131	CVCI-114NPT	1-1/4"
		31.7 mm
599132	CVCI-112NPT	1-1/2"
		38 mm
599133	CVCI-2NPT	2"
		51 mm
599134	CVCI-3NPT	3"
		76 mm

Cast Iron Slip x Slip Union Check Valve



Features

- Vertical or horizontal installation
- Allows passage of 1-1/2" (38 mm) solids
- Checks backflow of water and sewer gas
- 2" (51 mm) ABS, PVC, steel pipe or copper piping
- Rated at 4.3 psi (10' [3 m] head) at 130°F (55°C)
- Cast iron NPT

Item #	Model
599135	CVCI-2

Accessories

CV-114 Check Valve



Features

- Universal check valve for sump pumps
- 1-1/4" MNPT (31.7 mm) x 1-1/2" (38 mm) ID tubing

Item #	Model	Material
577105	CV-114	—

CV-SE Check Valve



Features

- Hose-connected check valve for 2" (51 mm) IPS pipe
- Allows passage of 3/4" (19 mm) solids

Item #	Model	Material
940021	CV-SE	ABS

CV-SE2 Check Valve



Features

- Uses compression gaskets to connect to 2" (51 mm) IPS pipe
- Full-flow design passes 2" (51 mm) solids

Item #	Model	Material
940022	CV-SE2	PVC

CVBV-2 Check Valve



Features

- PVC check valve/ball valve combination uses compression gaskets to connect to 2" (51 mm) IPS pipe
- Full-flow design passes 2" (51 mm) solids

Item #	Model	Material
599160	CVBV-2	PVC

CV-114/112 Check Valve



Features

- Sump pump check valve fits both 1-1/4" (31.7 mm) and 1-1/2" (38 mm) pipe
- Full-flow, slip x slip design passes 1" (25.4 mm) solids

Item #	Model	Material
599059	CV-114/112	ABS

CV-SE1 Check Valve



Features

- Uses compression gaskets to connect to 1-1/2" (38 mm) IPS pipe
- Full-flow design passes 1-1/2" (38 mm) solids

Item #	Model	Material
940019	CV-SE1	PVC

CV-SE3 Check Valve



Features

- Uses compression gaskets to connect to 3" (76 mm) IPS pipe
- Full-flow design passes 3" (76 mm) solids

Item #	Model	Material
940023	CV-SE3	PVC

CVBV-2U Check Valve

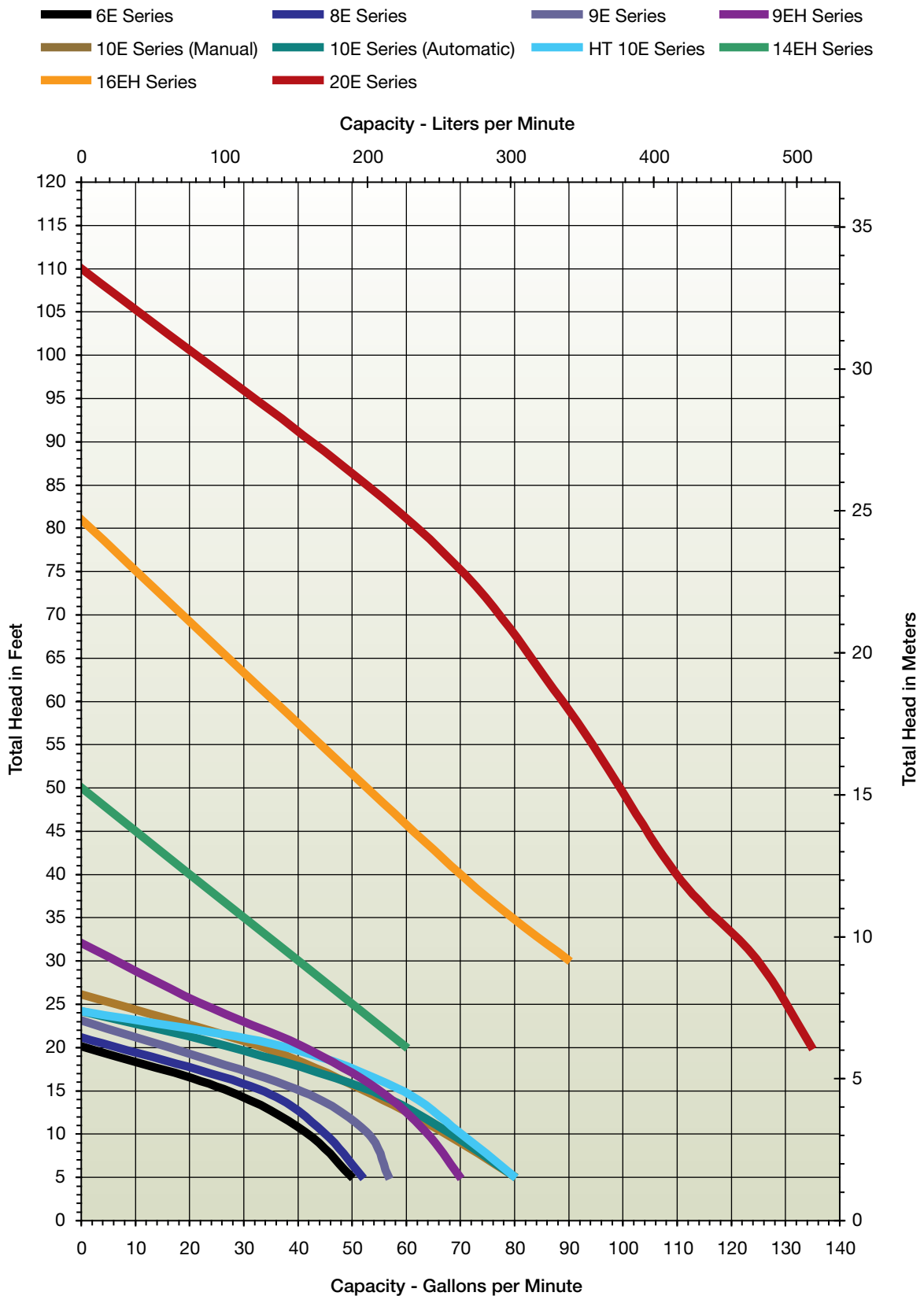


Features

- PVC check valve/ball valve combination uses union fittings to connect to 2" (51 mm) IPS pipe
- Full-flow design passes 2" (51 mm) solids
- Pressure rating: 100 psi @ 72BF

Item #	Model	Material
599161	CVBV-2U	PVC

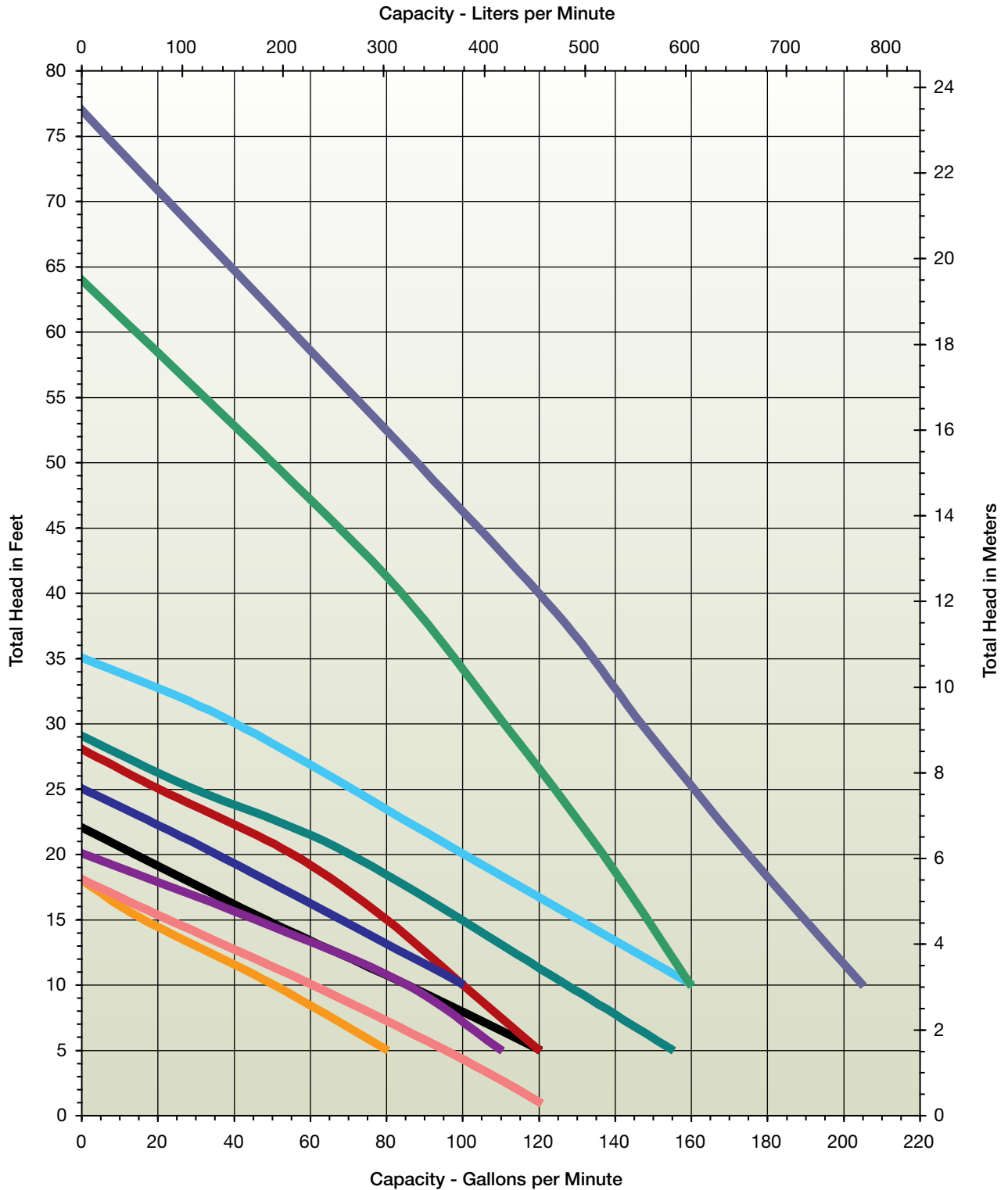
Effluent Performance Curves



For more information call 1.800.701.7894

Sewage Performance Curves

- ES 40 Series
- 9S Series
- ES 50 Series
- 10S Series
- 10SH Series
- ES 60 Series
- 14S Series
- 16S Series
- 18S Series
- 20S Series



For more information call 1.800.701.7894

Specification Charts

Sump, Sump/Effluent Pumps and Water Removal Systems

Sump Pumps

Item #	Model	HP	Performance (GPM @ Height in Feet)			Shut Off (ft.)	PSI	Operation	Volts	Hertz	Amps	Watts	Cord (ft.)	Weight (lbs)	Dimensions (inches)			List/Cert.
			5'	10'	15'										Height	Length	Width	
505700	5.5-ASP	1/4	35	30	20	25	10.8	Automatic	115	60	8.5	660	10	10.3	10.8	8.9	6	UL CB
505701	5.5-ASP	1/4	35	30	20	25	10.8	Automatic	115	60	8.5	660	25	11	10.8	8.9	6	UL CB
507700	TSW-SP	1/3	45	40	32	32	13.9	Automatic	115	60	4.5	475	10	13.8	16	9.3	8.2	UL CB
506125	6-CIA	1/3	46	29	13	18	7.8	Automatic	115	50/60	9	720	25	18.5	6	9.5	8.5	UL CB
506158	6-CIA	1/3	46	29	13	18	7.8	Automatic	115	50/60	9	720	8	17.5	6	9.5	8.5	UL CB
506162	6-CIA	1/3	46	29	13	18	7.8	Automatic	115	50/60	9	720	8	17.6	6	9.5	8.5	UL CB
506166	6-CIA	1/3	46	29	13	18	7.8	Automatic	230	50/60	4.5	720	8*	18.5	6	9.5	8.5	-
506168	6-CIA	1/3	46	29	13	18	7.8	Automatic	115	50/60	9	720	10	17.5	6	9.5	8.5	UL CB
506171	6-CIA-RFS	1/3	46	29	13	18	7.8	Automatic or Manual	115	50/60	9	720	10	18.5	7.3	9.5	7.3	UL CB
506174	6-CIA	1/3	46	29	13	18	7.8	Automatic	115	50/60	9	720	8	17.5	6	9.5	8.5	UL CB
506266	6-CIM	1/3	46	29	13	18	7.8	Manual	230	50/60	4.5	720	12*	18.5	6	9.5	8.5	-
506267	6-CIA-RS	1/3	46	29	13	18	7.8	Automatic or Manual	115	50/60	9	720	10	17.5	7.3	9.5	7.3	UL CB
506268	6-CIA-VDS	1/3	46	29	13	18	7.8	Automatic or Manual	115	50/60	9	720	10	18	7.3	9.5	10.5	UL CB
506271	6-CIM-R	1/3	46	29	13	18	7.8	Manual	115	50/60	9	720	10	16.5	7.3	9.5	7.3	UL CB
506274	6-CIM-R	1/3	46	29	13	18	7.8	Manual	115	50/60	9	720	25	18	7.3	9.5	7.3	UL CB
547151	VS-P2800	1/3	47	34	10	17	7.4	Automatic	115	50/60	4	316	8	16	32.8	10.5	9.5	UL CB
508057	8-CIM	4/10	54	42	26	22.9	9.9	Manual	115	50/60	10	830	10	18.75	6	9.5	8.5	UL CB
508058	8-CIM	4/10	54	42	26	22.9	9.9	Manual	115	50/60	10	830	25	19.75	6	9.5	8.5	UL CB
508059	8-CIA-VDS	4/10	54	42	26	22.9	9.9	Automatic or Manual	115	50/60	10	830	10	20.3	7.3	9.5	10.5	UL CB
508157	8-CIA	4/10	54	42	26	22.9	9.9	Automatic	115	50/60	10	830	10	19	6	9.5	8.5	UL CB
508158	8-CIA	4/10	54	42	26	22.9	9.9	Automatic	115	50/60	10	830	25	20.25	6	9.5	8.5	UL CB
508257	8-CBM	4/10	54	42	26	22.9	9.9	Manual	115	50/60	10	830	10	21	6	9.5	8.5	UL CB
508357	8-CBA	4/10	54	42	26	22.9	9.9	Automatic	115	60	10	830	10	21.25	6	9.5	8.5	UL CB
510055	10-CIM	1/2	83	63	45	23	10	Manual	115	60	11	1100	10	37	10.5	9.3	8.6	UL CB
510056	10-CIA-VDS	1/2	83	67	45	23	10	Automatic or Manual	115	60	11	1100	10	39	10.2	14.3	8.6	UL CB
510155	10-CIA	1/2	83	67	45	23	10	Automatic	115	60	11	1100	10	37	10.5	9.3	9.4	UL CB
510156	10-CIA	1/2	83	67	45	23	10	Automatic	115	60	11	1100	25	39	10.5	9.3	9.4	UL CB
512055	12-CBM	1/2	83	67	50	26	11.2	Manual	115	60	11	1100	10	40	10.3	9.3	8.6	UL CB
512125	12-CBA	1/2	83	67	50	26	11.2	Automatic	115	60	11	1100	25	41	10.3	9.3	9.5	UL CB
512155	12-CBA	1/2	83	67	50	26	11.2	Automatic	115	60	11	1100	10	40	10.3	9.3	9.5	UL CB

* Without plug

For more information call 1.800.701.7894

Specification Charts

Sump, Sump/Effluent Pumps and Water Removal Systems continued

Sump/Effluent Pumps

Item #	Model	HP	Performance (GPM @ Height in Feet)			Shut Off (ft.)	PSI	Operation	Volts	Hertz	Amps	Watts	Cord (ft.)	Weight (lbs)	Dimensions (inches)			List/Cert.
			5'	10'	15'										Height	Length	Width	
506700	6E-CIA-SFS	1/3	50	42	26	20	8.7	Automatic	115	60	10	750	10	27	10.2	10.6	8.5	UL CSA
506701	6E-CIA-SFS	1/3	50	42	26	20	8.7	Automatic	115	60	10	750	25	29	10.2	10.6	8.5	UL CSA
506710	6E-CIM	1/3	50	42	26	20	8.7	Manual	115	60	10	750	10	27	9.9	8.8	8.5	UL CSA
506711	6E-CIM	1/3	50	42	26	20	8.7	Manual	115	60	10	750	25	28	9.9	8.8	8.5	UL CSA
506712	6E-CIA-VDS	1/3	50	42	26	20	8.7	Automatic or Manual	115	60	10	750	10	28.5	9.9	12.0	8.5	UL CSA
506720	6E-CIA-SFS	1/3	50	42	26	20	8.7	Automatic	230	60	4.8	890	15	28	10.2	10.6	8.5	UL CSA
506730	6E-CIM	1/3	50	42	26	20	8.7	Manual	230	60	10	890	15	27	9.9	8.8	8.5	UL CSA
506735	6E-CIM	1/3	50	41	26	20	8.7	Manual	230	60	4.8	890	25	27.5	9.9	8.8	8.5	UL CSA
506740	6E-CIA-RFSN	1/3	50	42	26	20	8.7	Automatic or Manual	115	60	10	750	10	28	9.9	8.8	8.5	UL CSA
506420	ES33D1-10	1/3	52	40	28	20	8.7	Automatic or Manual	115	60	5	475	10	28	9.3	9.8	11.8	CSA US
506421	ES33D1-20	1/3	52	40	28	20	8.7	Automatic or Manual	115	60	5	475	20	30	9.3	9.8	11.8	CSA US
506422	ES33V1-10	1/3	52	40	28	20	8.7	Automatic or Manual	115	60	5	475	10	28	9.3	9.8	11.8	CSA US
506423	ES33V1-20	1/3	52	40	28	20	8.7	Automatic or Manual	115	60	5	475	20	30	9.3	9.8	11.8	CSA US
506424	ES33W1-10	1/3	52	40	28	20	8.7	Automatic or Manual	115	60	5	475	10	28	9.3	9.8	11.8	CSA US
506425	ES33W1-20	1/3	52	40	28	20	8.7	Automatic or Manual	115	60	5	475	20	30	9.3	9.8	11.8	CSA US
14940287	ES33M1-10	1/3	52	40	28	20	8.7	Manual	115	60	5	475	10	28	9.3	9.8	11.8	CSA US
14940288	ES33M1-20	1/3	52	40	28	20	8.7	Manual	115	60	5	475	20	30	9.3	9.8	11.8	CSA US

Water Removal Systems

Item #	Model	HP	Performance (GPM @ Height in Feet)			Shut Off (ft.)	PSI	Operation	Volts	Hertz	Amps	Watts	Cord (ft.)	Weight (lbs)	Dimensions (inches)			List/Cert.
			5'	10'	15'										Height	Length	Width	
506055	WRS-6	1/3	46	29	13	18	7.8	Automatic	115	50/60	9	720	8	26	16	14.5	Diameter	*
506056	WRS-6	1/3	46	29	13	18	7.8	Automatic	230	50/60	4.5	720	8	27	16	14.5	Diameter	*
506065	WRSC-6	1/3	46	29	13	18	7.8	Automatic	115	60	9	720	8	24	10.5	14.5	Diameter	*
506066	WRSC-6	1/3	46	29	13	18	7.8	Automatic	230	50/60	5	720	8	25	10.5	14.5	Diameter	-
509150	WRS-8E	1/3	52	45	33	21	9.1	Automatic	115	60	11.5	900	10	33	16	14.5	Diameter	*
505055	WRS-5	1/6	15	12	8	21	9.1	Automatic	115	60	5	380	10	19	16	14.5	Diameter	*
14940655	CS-SS	1/3	50	42	27	20	8.7	Automatic	115	60	10	750	25	27	22	18	Diameter	-

* Pump only = UL / CSA

* IAPMO = Basin only

For more information call 1.800.701.7894

Specification Charts

Effluent Pumps

Effluent Pumps

Item #	Model	HP	Performance (GPM @ Height in Feet)							Shut Off (ft.)	PSI	Operation	Volts	Hertz	Amps	Watts	Cord (ft.)	Weight (lbs)	Dimensions (inches)			List/Cert.
			5'	10'	15'	20'	30'	40'	80'										Height	Length	Width	
506700	6E-CIA-SFS	1/3	50	42	27	-	-	-	20	8.7	Automatic	115	60	10	750	10	27.5	10.3	10.6	8.4	UL SF	
506701	6E-CIA-SFS	1/3	50	42	27	-	-	-	20	8.7	Automatic	115	60	10	750	25	29	10.3	10.6	8.4	UL SF	
506710	6E-CIM	1/3	50	42	27	-	-	-	20	8.7	Manual	115	60	10	750	10	27	9.9	8.8	8.5	UL SF	
506711	6E-CIM	1/3	50	42	27	-	-	-	20	8.7	Manual	115	60	10	750	25	28	9.9	8.8	8.5	UL SF	
506712	6E-CIA-VDS	1/3	50	42	27	-	-	-	20	8.7	Automatic or Manual	115	60	10	750	10	28.5	9.9	12	8.5	UL SF	
506720	6E-CIA-SFS	1/3	50	42	27	-	-	-	20	8.7	Automatic	230	60	4.8	890	15	28	10.3	10.6	8.4	UL SF	
506730	6E-CIM	1/3	50	42	27	-	-	-	20	8.7	Manual	230	60	4.8	890	15	27	9.9	8.8	8.5	UL SF	
506735	6E-CIM	1/3	50	42	27	-	-	-	20	8.7	Manual	230	60	4.8	890	25	27.5	9.9	8.8	8.5	UL SF	
506740	6E-CIA-RFSN	1/3	50	42	27	-	-	-	20	8.7	Automatic or Manual	115	60	10	750	10	28	9.9	8.8	8.5	UL SF	
509000	8E-CIM	1/3	52	45	33	-	-	-	21	9.1	Manual	115	60	11.5	900	10	24	8.3	9.6	6.9	UL SF	
509001	8E-CIA-VDS	1/3	52	45	33	-	-	-	21	9.1	Automatic or Manual	115	60	11.5	900	10	25.5	8.3	9.6	11	UL SF	
509005	8E-CIM	1/3	52	45	33	-	-	-	21	9.1	Manual	115	60	11.5	900	15	24	8.3	9.6	6.9	UL SF	
509050	8E-CIM	1/3	52	45	33	-	-	-	21	9.1	Manual	230	60	5.8	900	12	23	8.3	9.6	6.9	-	
509100	8E-CIA-RFS	1/3	52	45	33	-	-	-	21	9.1	Automatic or Manual	115	60	11.5	900	10	25	8.3	9.6	6.9	UL SF	
509105	8E-CIA-RFS	1/3	52	45	33	-	-	-	21	9.1	Automatic or Manual	115	60	11.5	900	15	26	8.3	9.6	6.9	UL SF	
509120	8E-CIA-RFS	1/3	52	45	33	-	-	-	21	9.1	Automatic or Manual	115	60	11.5	900	15	26	8.3	9.6	6.9	UL SF	
509125	8E-CIM	1/3	52	45	33	-	-	-	21	9.1	Manual	115	60	11.5	900	25	25	8.3	9.6	6.9	UL SF	
509200	9E-CIM	4/10	57	53	40	-	-	-	23	10	Manual	115	60	12.3	1000	15	26	9.1	9.6	6.9	UL SF	
509201	9E-CIA-VDS	4/10	57	53	40	-	-	-	23	10	Automatic or Manual	115	60	12.3	1000	15	28	9.2	9.6	11	UL SF	
509225	9E-CIM	4/10	57	53	40	-	-	-	23	10	Manual	115	60	12.3	1000	25	27	9.1	9.6	6.9	UL SF	
509250	9E-CIM	4/10	57	53	40	-	-	-	23	10	Manual	230	60	6.2	1000	20	26	9.1	9.6	6.9	-	
509300	9E-CIA-RFS	4/10	57	53	40	-	-	-	23	10	Automatic or Manual	115	60	12.3	1000	15	27	9.1	9.6	6.9	UL SF	
509320	9E-CIA-RFS	4/10	57	53	40	-	-	-	23	10	Automatic or Manual	115	60	12.3	1000	20	28	9.1	9.6	6.9	UL SF	
511200	10E-CIM	1/2	80	67	52	-	-	-	26	11.2	Manual	115	60	10.5	900	15	35	10.4	9.6	8.3	UL SF	
511201	10E-CIA-VDS	1/2	80	67	52	-	-	-	26	11.2	Automatic or Manual	115	60	10.5	900	15	37	10.3	14.3	8.3	UL SF	
511225	10E-CIM	1/2	80	67	52	-	-	-	26	11.2	Manual	115	60	10.5	900	25	36	10.4	9.6	8.3	UL SF	
511275	10E-CIM	1/2	80	67	52	-	-	-	26	11.2	Manual	208-240	50/60	6.5	900	15	36	10.4	9.6	8.3	UL SF	
511300	10E-CIA-RFS	1/2	80	67	52	-	-	-	26	11.2	Automatic or Manual	115	60	10.5	900	15	37	10.4	9.6	8.3	UL SF	
511350	10E-CIA-SFS	1/2	80	67	52	-	-	-	24	10.4	Automatic	115	60	8.2	958	10	38	12.8	10.5	9.6	UL SF	
511355	10E-CIA-SFS	1/2	80	67	52	-	-	-	24	10.4	Automatic	115	60	8.2	958	25	39	12.8	10.5	9.6	UL SF	
520200	20E-CIM	-	-	-	110	135	125	110	62	110	47.6	Manual	230	60	16.4	3872	20	92	17.8	12.9	8.4	UL SF
520225	20E-CIM*	-	-	-	110	135	125	110	62	110	47.6	Manual	200-208	60	13.1	2478	20	92	17.8	12.9	8.4	UL SF
520230	20E-CIM	-	-	-	110	135	125	110	62	110	47.6	Manual	230	60	16.4	2478	30	92	17.8	12.9	8.4	UL SF

* 3 Phase models require a control panel

Specification Charts

Effluent Pumps

continued

Effluent Pumps continued

Item #	Model	HP	Performance (GPM @ Height in Feet)							Shut Off (ft.)	PSI	Operation	Volts	Hertz	Amps	Watts	Cord (ft.)	Weight (lbs)	Dimensions (inches)			List/ Cert.
			5'	10'	15'	20'	30'	40'	80'										Height	Length	Width	
520250	20E-CIM*	2	-	-	-	135	125	110	62	110	47.6	Manual	230	60	11.6	2476	20	92	17.8	12.9	8.4	UL SF
520275	20E-CIM*	2	-	-	-	135	125	110	62	110	47.6	Manual	460	60	5.7	2571	20	92	17.8	12.9	8.4	UL SF

* 3 Phase models require a control panel

High Head Effluent Pumps

Item #	Model	HP	Performance (GPM @ Height in Feet)							Shut Off (ft.)	PSI	Operation	Volts	Hertz	Amps	Watts	Cord (ft.)	Weight (lbs)	Dimensions (inches)			List/Cert.
			5'	10'	15'	20'	30'	40'	Height										Length	Width		
509330	9EH-CIM	4/10	70	64	55	-	-	-	32	13.8	Manual	115	60	13	1000	20	24	9.3	11.6	8.9	UL SF	
509331	9EH-CIA-VDS	4/10	70	64	55	-	-	-	32	13.8	Automatic or Manual	115	60	13	1000	20	27	9.3	11.6	11	UL SF	
509340	9EH-CIM	4/10	70	64	55	-	-	-	32	13.8	Manual	230	60	6.5	1000	20	24	9.3	11.6	8.9	UL SF	
509350	9EH-CIA-RFS	4/10	70	64	55	-	-	-	32	13.8	Automatic or Manual	115	60	13	1000	20	27	9.3	11.6	8.9	UL SF	
509360	9EH-CIA-RFS	4/10	70	64	55	-	-	-	32	13.8	Automatic or Manual	230	60	6.5	1000	20	27	9.1	11.6	8.9	UL SF	
514220	14EH-CIM	1/2	-	-	-	60	40	20	50	21.6	Manual	115	60	12.5	1450	20	82	16.1	14.1	9.9	UL SF	
514221	14EH-CIM	1/2	-	-	-	60	40	20	50	21.6	Manual	208-240	60	5.7	1275	20	81	16.1	14.1	9.9	UL	
514520	16EH-CIM	1	-	-	-	90	70	81	35.1	Manual	230	60	10.2	2200	20	89	16.1	14.1	9.9	UL SF		
514530	16EH-CIM*	1	-	-	-	90	70	81	35.1	Manual	208-240	60	6.6	1350	20	82	16.1	14.1	9.9	UL SF		
514540	16EH-CIM*	1	-	-	-	90	70	81	35.1	Manual	460-380	50/60	3.2	1350	20	82	16.1	14.1	9.9	UL SF		
514550	16EH-CIM*	1	-	-	-	90	70	81	35.1	Manual	575	60	2.5	1350	20	82	16.1	14.1	9.9	SF		

* 3 Phase models require a control panel

High Temperature Effluent Pumps

Item #	Model	HP	Performance (GPM @ Height in Feet)			Shut Off (ft.)	PSI	Operation	Volts	Hertz	Amps	Watts	Cord (ft.)	Weight (lbs)	Dimensions (inches)			List/Cert.
			5'	10'	15'										Height	Length	Width	
506600	HT-6E-CIA-FS	1/3	50	42	27	20	8.7	Automatic	115	60	10.1	735	15	32	10.9	8.8	8.5	SF
511600	HT-10E-CIM	1/2	80	70	59	24	10.4	Manual	115	60	10.5	900	15	38	10.3	9.6	9.1	SF
511700	HT-10E-CIA-FS	1/2	80	70	59	24	10.4	Automatic	115	60	10.5	900	15	39	10.3	9.6	9.1	SF

High Head Filtered Effluent Pumps

Item #	Model	HP	Performance (GPM @ Height in Feet)				Shut Off (ft.)	Volts	Hertz	Wire	Cord (ft.)*	Weight (lbs)	Dimensions (inches)		List/Cert.
			50'	100'	150'	200'							Height	Diameter	
558221	WE10G05P4-21	1/2	15	13	11	8	250'	115	60	2 Wire	10'	24	21.9	3.9	-
558222	WE10G05P4-22	1/2	15	13	11	8	250'	230	60	2 Wire	10'	24	21.9	3.9	-
558223	WE20G05P4-21	1/2	24	16	11	-	160'	115	60	2 Wire	10'	25	23.9	3.9	-
558224	WE20G05P4-22	1/2	24	16	11	-	160'	230	60	2 Wire	10'	25	23.9	3.9	-
558225	WE30G05P4-21	1/2	30	15	-	-	115'	115	60	2 Wire	10'	22	21.4	3.9	-
558226	WE30G05P4-22	1/2	30	15	-	-	115'	230	60	2 Wire	10'	22	21.4	3.9	-

* Power Cord SJOW/300V Stripped Leads

Specification Charts

Sewage Pumps

Sewage Pumps

Item #	Model	HP	Performance (GPM @ Height in Feet)						Shut Off (ft.)	PSI	Operation	Volts	Hertz	Amps	Watts	Cord (ft.)	Weight (lbs)	Dimensions (inches)			List/Cert.
			5'	10'	15'	20'	30'	40'										Height	Length	Width	
509400	9S-CIM	4/10	80	50	16	-	-	-	18	7.8	Manual	115	60	13	1020	15	36	11.6	10.3	6.8	UL SF
509401	9S-CIA-VDS	4/10	80	50	16	-	-	-	18	7.8	Automatic or Manual	115	60	13	1020	15	38	11.6	10.3	9.8	UL SF
509450	9S-CIM	4/10	80	50	16	-	-	-	18	7.8	Manual	230	60	6.5	1020	15	35	11.6	10.3	6.8	-
509500	9S-CIA-RFS	4/10	80	50	16	-	-	-	18	7.8	Automatic or Manual	115	60	13	1020	15	37	11.6	10.3	6.8	UL SF
509510	9S-CIA-RFS*	4/10	80	50	16	-	-	-	18	7.8	Automatic or Manual	115	60	11.6	1020	15	37	11.6	10.3	6.8	UL SF
509520	9S-CIA-RFS	4/10	80	50	16	-	-	-	18	7.8	Automatic or Manual	115	60	13	1020	20	38	11.6	10.3	6.8	UL SF
509460	ES40M1-10	4/10	95	60	22	-	-	-	18	7.8	Manual	115	60	8.9	870	10	52	14.8	12	9.8	CS US
509461	ES40M1-20	4/10	95	60	22	-	-	-	18	7.8	Manual	115	60	8.9	870	20	53	14.8	12	9.8	CS US
509481	ES40M2-20	4/10	95	60	22	-	-	-	18	7.8	Manual	230	60	4.5	870	20	55	14.8	12	9.8	CS US
509540	ES40W1-10	4/10	95	60	22	-	-	-	18	7.8	Automatic or Manual	115	60	8.9	870	10	53	14.8	12	9.8	CS US
509541	ES40W1-20	4/10	95	60	22	-	-	-	18	7.8	Automatic or Manual	115	60	8.9	870	20	55	14.8	12	9.8	CS US
509560	ES40D1-10	4/10	95	60	22	-	-	-	18	7.8	Automatic or Manual	115	60	8.9	870	10	53	14.8	12	9.8	CS US
509561	ES40D1-20	4/10	95	60	22	-	-	-	18	7.8	Automatic or Manual	115	60	8.9	870	20	55	14.8	12	9.8	CS US
509562	ES40D2-20	4/10	95	60	22	-	-	-	18	7.8	Automatic or Manual	230	60	4.5	870	20	55	14.8	12	9.8	CS US
509581	ES40W2-20	4/10	95	60	22	-	-	-	18	7.8	Automatic or Manual	230	60	4.5	870	20	55	14.8	12	9.8	CS US
511400	10S-CIM	1/2	110	85	45	-	-	-	20	8.7	Manual	115	60	12	1000	15	43	12.8	10.3	8.3	UL SF
511401	10S-CIA-VDS	1/2	110	85	45	-	-	-	20	8.7	Automatic or Manual	115	60	12	1000	15	45	12.8	10.3	11.8	UL SF
511450	10S-CIM*	1/2	110	85	45	-	-	-	20	8.7	Manual	115	60	12	1000	15	46	12.8	11.5	8.3	UL SF
511475	10S-CIM	1/2	110	85	45	-	-	-	20	8.7	Manual	208-240	50/60	6.6	1100	15	43	12.8	10.3	8.3	UL SF
511500	10S-CIA-RFS	1/2	110	85	45	-	-	-	20	8.7	Automatic or Manual	115	60	12	1000	15	45	12.7	10.3	8.3	UL SF
511550	10S-CIA-SFS	1/2	110	85	45	-	-	-	20	8.7	Automatic or Manual	115	60	9.2	1086	10	46	15	10.3	9.6	UL SF
511555	10S-CIA-SFS	1/2	110	85	45	-	-	-	20	8.7	Automatic or Manual	115	60	9.2	1086	25	47	15	10.3	9.6	UL SF
511565	10S-CIA-SFS	1/2	110	85	45	-	-	-	20	8.7	Automatic or Manual	230	50/60	4.6	1086	25	47	15	10.3	9.6	UL SF
514320	14S-CIM	1/2	-	100	68	35	-	-	25	10.8	Manual	115	60	11.6	1100	20	87	17.2	14.1	9.9	UL SF
514321	14S-CIM	1/2	-	100	68	35	-	-	25	10.8	Manual	208-240	60	4.6	1100	20	88	17.2	14.1	9.9	UL
514420	14S-CIM*	1/2	-	100	68	35	-	-	25	10.8	Manual	115	60	11.6	1100	20	88	17.2	14.1	9.9	UL SF
511460	ES50M1-10	1/2	120	85	48	15	-	-	22	9.5	Manual	115	60	11.4	1180	10	53	14.8	12	9.8	CS US
511461	ES50M1-20	1/2	120	85	48	15	-	-	22	9.5	Manual	115	60	11.4	1180	20	55	14.8	12	9.8	CS US
511481	ES50M2-20	1/2	120	85	48	15	-	-	22	9.5	Manual	230	60	5.7	1180	20	54	14.8	12	9.8	CS US
511540	ES50W1-10	1/2	120	85	48	15	-	-	22	9.5	Automatic or Manual	115	60	11.4	1180	10	53	14.8	12	9.8	CS US
511541	ES50W1-20	1/2	120	85	48	15	-	-	22	9.5	Automatic or Manual	115	60	11.4	1180	20	55	14.8	12	9.8	CS US
511560	ES50D1-10	1/2	120	85	48	15	-	-	22	9.5	Automatic or Manual	115	60	11.4	1180	10	54	14.8	12	9.8	CS US

* 3" discharge

Specification Charts

Sewage Pumps

continued

Sewage Pumps continued

Item #	Model	HP	Performance (GPM @ Height in Feet)						Shut Off (ft.)	PSI	Operation	Volts	Hertz	Amps	Watts	Cord (ft.)	Weight (lbs)	Dimensions (inches)			List/Cert.
			5'	10'	15'	20'	30'	40'										Height	Length	Width	
511561	ES50D1-20	1/2	120	85	48	15	-	-	22	9.5	Automatic or Manual	115	60	11.4	1180	20	55	14.8	12	9.8	CS US
511581	ES50W2-20	1/2	120	85	48	15	-	-	22	9.5	Automatic or Manual	230	60	5.7	1180	20	55	14.8	12	9.8	CS US
511582	ES50D2-20	1/2	120	85	48	15	-	-	22	9.5	Automatic or Manual	230	60	5.7	1180	20	55	14.8	12	9.8	CS US
511462	ES60M1-10	6/10	155	127	100	70	-	-	28	12.1	Manual	115	60	10.3	1060	10	68	14.9	12.3	10.8	CS US
511463	ES60M1-20	6/10	155	127	100	70	-	-	28	12.1	Manual	115	60	10.3	1060	20	68	14.9	12.3	10.8	CS US
511482	ES60M2-20	6/10	155	127	100	70	-	-	28	12.1	Manual	230	60	5.2	1060	20	68	14.9	12.3	10.8	CS US
511542	ES60W1-10	6/10	155	127	100	70	-	-	28	12.1	Automatic or Manual	115	60	10.3	1060	10	68	14.9	12.3	10.8	CS US
511543	ES60W1-20	6/10	155	127	100	70	-	-	28	12.1	Automatic or Manual	115	60	10.3	1060	20	68	14.9	12.3	10.8	CS US
511562	ES60D1-10	6/10	155	127	100	70	-	-	28	12.1	Automatic or Manual	115	60	10.3	1060	10	68	14.9	12.3	10.8	CS US
511563	ES60D1-20	6/10	155	127	100	70	-	-	28	12.1	Automatic or Manual	115	60	10.3	1060	20	68	14.9	12.3	10.8	CS US
511583	ES60W2-20	6/10	155	127	100	70	-	-	28	12.1	Automatic or Manual	230	60	5.2	1060	20	68	14.9	12.3	10.8	CS US
511584	ES60D2-20	6/10	155	127	100	70	-	-	28	12.1	Automatic or Manual	230	60	5.2	1060	20	68	14.9	12.3	10.8	CS US
514620	16S-CIM	1	-	160	130	100	40	-	35	15.1	Manual	230	60	11	1900	20	94	17.2	14.1	9.9	UL CS
514625	16S-CIM	1	-	160	130	100	40	-	35	15.1	Manual	200-208	60	11	1900	20	94	17.2	14.1	9.9	UL CS
514630	16S-CIM	1	-	160	130	100	40	-	35	15.1	Manual	230	60	11	1900	40	95	17.2	14.1	9.9	UL CS
514720	16S-CIM*	1	-	160	130	100	40	-	35	15.1	Manual	230	60	6.3	1550	20	89	17.2	14.1	9.9	UL CS
514730	16S-CIM*	1	-	160	130	100	40	-	35	15.1	Manual	460	50/60	3	1300	20	90	17.2	14.1	9.9	UL CS
514740	16S-CIM*	1	-	160	130	100	40	-	35	15.1	Manual	575	60	2.5	1400	20	88	17.2	14.1	9.9	CS
514750	16S-CIM*	1	-	160	130	100	40	-	35	15.1	Manual	200-208	60	6.8	1550	20	88	17.2	14.1	9.9	UL CS
520300	18S-CIM	1 1/2	-	160	148	137	111	84	64	27.7	Manual	208	60	16	3229	20	96	19.1	13	8.5	UL CS
520301	18S-CIM	1 1/2	-	160	148	137	111	84	64	27.7	Manual	230	60	15.5	3512	20	96	19.1	13	8.5	UL CS
520302	18S-CIM*	1 1/2	-	160	148	137	111	84	64	27.7	Manual	200-208	60	13.5	1644	20	96	19.1	13	8.5	UL CS
520303	18S-CIM*	1 1/2	-	160	148	137	111	84	64	27.7	Manual	230	60	11.5	1512	20	96	19.1	13	8.5	UL CS
520304	18S-CIM*	1 1/2	-	160	148	137	111	84	64	27.7	Manual	460	60	5.3	1474	20	96	19.1	13	8.5	UL CS
520100	20S-CIM*	2	-	205	195	168	140	120	77	33.3	Manual	208-230	60	18	4118	20	96	19.1	13	8.5	UL CS
520125	20S-CIM*	2	-	205	195	168	140	120	77	33.3	Manual	200-208	60	14.5	2769	20	96	19.1	13	8.5	UL CS
520150	20S-CIM*	2	-	205	195	168	140	120	77	33.3	Manual	230	60	12.6	2686	20	94	19.1	13	8.5	UL CS
520175	20S-CIM*	2	-	205	195	168	140	120	77	33.3	Manual	460	60	6.1	2771	20	96	19.1	13	8.5	UL CS

* 3 Phase models require a control panel

High Head Sewage Pumps

Item #	Model	HP	Performance (GPM @ Height in Feet)						Shut Off (ft.)	PSI	Operation	Volts	Hertz	Amps	Watts	Cord (ft.)	Weight (lbs)	Dimensions (inches)			List/Cert.
			5'	10'	15'	20'	30'	40'										Height	Length	Width	
511420	10SH-CIM	1/2	120	100	80	55	-	-	28	12.1	Manual	115	60	11	900	15	44	12.8	10.3	8.3	UL CS
511421	10SH-CIA-VDS	1/2	120	100	80	55	-	-	28	12.1	Automatic or Manual	115	60	11	900	15	46	12	10.3	11.8	UL CS
511480	10SH-CIM	1/2	120	100	80	55	-	-	28	12.1	Manual	208-240	50/60	5.5	900	15	41.5	12.8	10.3	8.3	UL CS
511520	10SH-CIA-RFS	1/2	120	100	80	55	-	-	28	12.1	Automatic or Manual	115	60	11	900	15	44	12	10.3	8.3	UL CS
511525	10SH-CIA-RFS	1/2	120	100	80	55	-	-	28	12.1	Automatic or Manual	115	60	11	900	25	46	12	10.3	8.3	UL CS

Specification Charts

Utility Pumps

Grinder Pumps

Item #	Model	HP	Performance (GPM @ Height in Feet)						Shut Off (ft.)	PSI	Operation	Volts	Hertz	Amps	Watts	Cord (ft.)	Weight (lbs)	Dimensions (inches)			List/Cert.
			20'	40'	60'	80'	100'	120'										Height	Length	Width	
520855	GP-M201-15-H130	2	32	31	30	25	20	10	130	56	Manual	208	60	13.9	3200	15	75	13.1	11.5	9.6	UL CB
520865	GP-M231-15-H130	2	32	31	30	25	20	10	130	56	Manual	230	60	13.9	3200	15	75	13.1	11.5	9.6	UL CB
520875	GP-A231-20	2	32	31	30	25	20	10	130	56	Automatic	230	60	13.9	3200	15	90	21.5	11.5	9.6	UL CB
520885	GP-A201-20	2	32	31	30	25	20	10	130	56	Automatic	208	60	13.9	3200	15	90	21.5	11.5	9.6	UL CB

*Power Cord S00W/or SOW 14/4 AWG

Utility Pumps

Item #	Model	HP	Performance (GPH @ Height in Feet)				Shut Off (ft.)	PSI	Operation	Volts	Hertz	Amps	Watts	Cord (ft.)	Weight (lbs)	Dimensions (inches)			List/Cert.
			5'	10'	15'	20'										Height	Length	Width	
555203	365S	-	258	240	222	202	46	19.9	Manual	12 VDC	-	7	165	7	3.4	4.2	5.9	4	-
555602	365	-	258	240	222	202	46	19.9	Manual	12 VDC	-	7	-	7	3.4	4.2	5.9	4	-
555103	360S	-	342	300	285	270	48.3	20.9	Manual	115	60	1.6	-	6	4.7	3.4	6.6	4	UL US
555122	360K	-	342	300	285	270	48.3	20.9	Manual	115	60	1.6	-	6	4.7	3.4	6.6	4	-
555502	360	-	342	300	285	270	48.3	20.9	Manual	115	60	1.6	-	6	4.7	3.4	6.6	4	UL US
555507	370	-	342	300	285	270	48.3	20.9	Manual	115	60	1.6	-	6	4.7	4.2	6.6	4	UL US
505000	5-MSP	1/6	1100	1000	840	520	26.3	11.4	Manual	115	60	5	380	10	8.25	7.8	6.1	4.3	UL
505025	5-MSP	1/6	1100	1000	840	520	26.3	11.4	Manual	115	60	5	380	25	8.75	7.8	6.1	4.3	UL
505086	5-MSP	1/6	1100	1000	840	520	26.3	11.4	Manual	115	60	5	380	10	8.75	7.8	6.1	4.3	UL CB
505176	5-MSP	1/6	1100	1000	840	520	26.3	11.4	Manual	115	60	5	380	18	8.5	7.8	6.1	4.3	UL CB
505202	5-MSP	1/6	1100	1000	840	520	26.3	11.4	Manual	230	60	2.5	380	12	8.25	7.8	6.1	4.3	-
505300	5-ASP	1/6	1100	1000	840	520	26.3	11.4	Automatic or Manual	115	60	5	380	10	9	7.8	7.7	4.3	UL CB
505350	5-ASP-LL	1/6	1100	1000	840	520	26.3	11.4	Automatic or Manual	115	60	5	380	18	10	7.8	7.7	4.3	UL CB
505400	5-ASP-FS	1/6	1100	1000	840	520	26.3	11.4	Automatic	115	60	5	380	10	9	8.5	6.1	4.3	UL CB
505486	5-MSPR	1/6	1100	1000	840	520	26.3	11.4	Manual	115	60	5	380	10	9	8.6	6.1	4.3	UL CB
555101	UPSP-5	1/2	-	-	-	1152	105	45.4	Manual	115	60	9	900	10	16	9.2	9.9	5.5	UL CB

For more information call 1.800.701.7894

About Our Company.

In 2006, Franklin Electric Company acquired Little Giant Pump Company to solidify our position as a leading global supplier of water pumping systems for residential and commercial markets. Little Giant® products – sump, sewage, effluent, utility, condensate removal, and submersible industrial pumps – complement and broaden Franklin Electric's overall water systems offering.

Little Giant Pump Company, now Franklin Electric – Water Transfer Systems, offers the industry a well-respected brand of products – Little Giant. Founded on quality, availability, service, innovation and value, Franklin Electric continues to bring the Little Giant brand name advantage through *Pumps. People. Partnerships.*

Franklin Electric is a global leader in the production and marketing of systems and components for the movement of water and automotive fuels. Recognized as a technical leader in its specialties, Franklin serves customers around the world in residential, commercial, agricultural, industrial, municipal, and fueling applications.

Long recognized as the world's largest manufacturer of submersible electric motors, Franklin Electric has been able to leverage its expertise in motor applications to grow and serve several different markets. The principal application for Franklin products is water well pumping systems, where the company offers pumps, motors, drives, and controls. In addition, Franklin Electric produces a vast array of products for fueling systems and the water transfer market.

With 3,200 employees worldwide, Franklin Electric is a global manufacturer with over 20 manufacturing and distribution facilities located in the United States, Germany, Czech Republic, Italy, Mexico, Canada, Australia, South Africa, China, and Japan.

Little Giant products are produced to the following ISO standards:

Quality – 9001:2000

Environmental – 14001:2004



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