



# Little GIANT<sup>®</sup> Pump Company

Corporate

## Wastewater Pumps

Condensate pumps

Submersible pumps

Magnetic drive pumps

[www.LittleGiantPump.com](http://www.LittleGiantPump.com)

**A great idea,**

**A great pump.**



Little Giant Pump Company's origins date back to 1941, when an idea by a plumber named Doc Wolfe became the answer to water circulation for evaporative cooling. Called "a submersible vaporizer," this unique, patented pump design became the cornerstone for the hundreds of different pump models Little Giant Pump Company manufactures and ships worldwide today.

In fact, derivatives of that basic "self-contained electric motor-driven submersible pump" are now a standard for quality and

reliability for applications in parts washers, tile saws, carpet cleaning machines, water coolers and drainage systems.

In addition to a full line of wastewater, sump, effluent and sewage pumps, Little Giant Pump Company manufactures condensate pumps, magnetic drive pumps, pool cover pumps and a wide variety of utility pumps.

Little Giant Pump Company is located in approximately 400,000 square feet of facilities at 3810 North Tulsa in Oklahoma City, Oklahoma, and employs approximately 550 people.

Little **GIANT**  
Pump Company

# WASTEWATER PRODUCTS

## TABLE OF CONTENTS

INTRODUCTION .....	2
TABLE OF CONTENTS .....	3
UTILITY PUMPS .....	4
SUMP PUMPS .....	9
DRAINOSAUR® WATER REMOVAL SYSTEMS .....	15
ONSITE SEPTIC TANK EFFLUENT PUMPS .....	17
HIGH TEMPERATURE EFFLUENT PUMPS .....	22
SEWAGE EJECTOR PUMPS .....	23
SEWAGE PACKAGE SYSTEMS .....	27
SEWAGE BASIN/COVER ASSEMBLIES .....	30
SEWAGE GRINDER PUMPS .....	31
QTI RESIDENTIAL SEWAGE GRINDER PACKAGE SYSTEMS .....	33
WASTEWATER PRODUCTS ACCESSORIES .....	35
PUMP SPECIFICATION CHARTS .....	41



Little **GIANT**  
Pump Company®

## UTILITY PUMPS

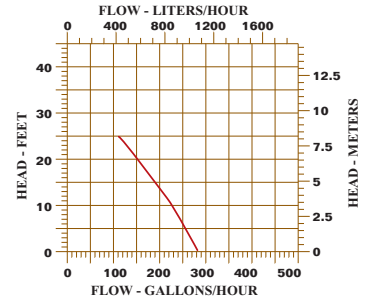
### Non-Submersible, Self-Priming Transfer Pumps

These lightweight, portable pumps, with self-priming, siphon-like action, can be used to empty waterbeds, drain water heaters or aquariums, pump out a basement, transfer water to an RV, pump boat bilges, pump out stock tanks, and in just about any other application where water needs to be transferred. Sets include two 10' (3m) hoses, carrying handle, and floor attachment for inlet hose. Pump inlets and outlet are dual-threaded 3/8" FNPT and 3/4" garden hose thread. Removes water down to 1/8" (3.2mm). Intermittent duty is 45 minutes on, 15 minutes off.



#### PP - 1 Pump Only

PP-1  
 Ⓛ Ⓜ 555100 ..... 115VAC  
 6' (1.8m)  
 power cord.

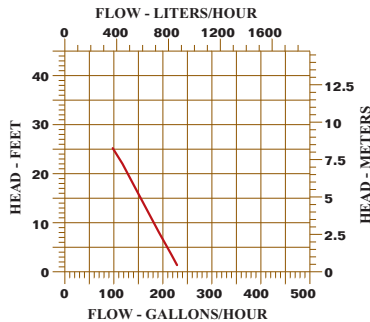


#### PRODUCT CHARACTERISTICS

Motor .....	1/10HP	Shaft Seal .....	Nitrile
Maximum flow rate .....	275 GPH @ 1'	<b>Operation</b> .....	Manual, Intermittent Duty
	1040 LPH @ 30cm	<b>Electrical</b>	
Liquid Temp. to .....	120° F ..... 49°C	555100 .....	115VAC, 50/60Hz
Discharge .....	3/8" (9.5mm) FNPT & 3/4" (19mm) garden hose thread		6' (1.8m) power cord.
Housing .....	Polypropylene		
Volute .....	Polypropylene		
Impeller .....	Buna-N		

#### PP - 1 2 Pump Only

PP-12 ..... 12VDC  
 555200 ..... 12VDC 6' (1.8m) battery wires.



#### PRODUCT CHARACTERISTICS

Motor .....	1/10HP
Maximum flow rate .....	225 GPH @ 1'
	851 LPH @ 30cm
Liquid Temp. to .....	120°F ..... 49°C
Discharge .....	3/8" (9.5mm) FNPT & 3/4" (19mm) garden hose thread
Housing .....	Polypropylene
Volute .....	Polypropylene
Impeller .....	Buna-N
Shaft Seal .....	Nitrile
<b>Operation</b> .....	Manual, Intermittent Duty
<b>Electrical</b>	
555200 .....	12VDC
	6' (1.8m) battery wires.



Little GIANT  
 Pump Company



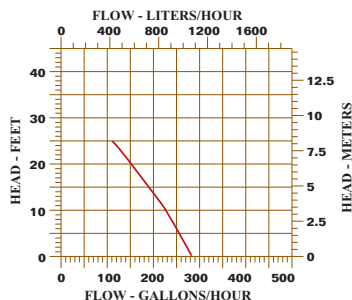
## PPS - 1 Pump Sets

Set includes PP-1 pump which is dual threaded with both 3/8" FNPT and 3/4" GHT (Garden Hose Thread) intake and discharge. Two 10' (3m) hoses with vacuum/screen attachment for inlet hose. Thermally protected. 3-prong plug on power cord.

**PPS-1** Manual  
 Ⓢ Ⓢ **555150** .....115VAC 6' (1.8m) power cord.

### PRODUCT CHARACTERISTICS

Motor .....	1/10HP	Volute .....	Polypropylene
Maximum flow rate .....	275 GPH @ 1'	Impeller .....	Buna-N
	1040 LPH @ 30cm	Shaft Seal .....	Nitrile
Liquid Temp. to .....	120°F .....49°C	<b>Operation</b> .....	Manual, Intermittent Duty
Discharge .....	3/8" (9.5mm) FNPT & 3/4" (19mm) garden hose thread	<b>Electrical</b>	
		555150 .....	115VAC
Housing .....	Polypropylene		6' (1.8m) power cord.



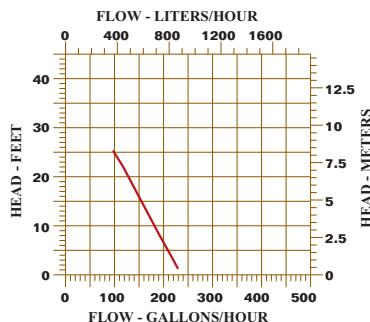
## PPS - 12 Pump Sets

Set includes PP-12 pump which is dual threaded with both 3/8" FNPT and 3/4" GHT (Garden Hose Thread) intake and discharge. Two 10' (3m) hoses with vacuum/screen attachment for inlet hose. Thermally protected. Includes battery clips.

**PPS-12** Manual  
**555250** .....12VDC 6' (1.8m) battery wires.

### PRODUCT CHARACTERISTICS

Motor .....	1/10HP	Volute .....	Polypropylene
Maximum flow rate .....	225 GPH @ 1'	Impeller .....	Buna-N
	851 LPH @ 30cm	Shaft Seal .....	Nitrile
Liquid Temp. to .....	120°F .....49°C	<b>Operation</b> .....	Manual, Intermittent Duty
Discharge .....	3/8" (9.5mm) FNPT & 3/4" (19mm) garden hose thread	<b>Electrical</b>	
		555250 .....	12VDC
Housing .....	Polypropylene		6' (1.8m) battery wires.



## Stainless Steel Pump Series

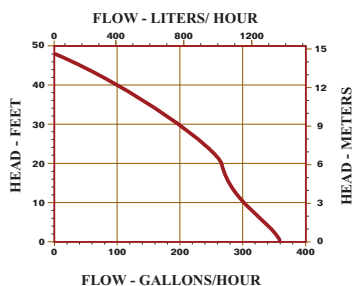
These pumps and kits utilize a stainless steel pump head for higher strength and durability.

## PP - 1 S Pump Only

**PP-1S** Manual  
 cULus **555103** .....115VAC 6' (1.8m) power cord w/grounded plug.  
 (Intermittent operation: 15 min per hr.)

### PRODUCT CHARACTERISTICS

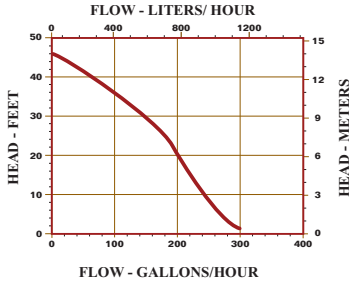
Maximum flow rate .....	360 GPH @ 1'	Impeller .....	Buna-N
	1300 LPH @ 30cm	Shaft Seal .....	Buna-N
Liquid Temp. to .....	120°F .....49°C	<b>Operation</b> .....	Manual, Intermittent Duty
Discharge .....	3/8" (9.5mm) FNPT & 3/4" (19mm) garden hose thread	<b>Electrical</b>	
		555103 .....	115VAC 6' (1.8m) power cord w/ grounded plug.
Housing .....	Stainless Steel		
Volute .....	Stainless Steel		



## PP - 1 2 S Pump Only



**PP-12S** Manual  
**555203** ..... 12VDC Alligator clips and 7' of two conductor cable.  
 (Intermittent operation: 15 min per hr.)



### PRODUCT CHARACTERISTICS

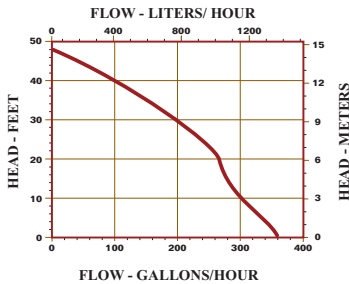
Maximum flow rate	.....300 GPH @ 1' 1100 LPH @ 30cm	Impeller	.....Buna-N
Liquid Temp.to	.....120°F .....49°C	Shaft Seal	.....Buna-N
Discharge	.....3/8" (9.5mm) FNPT & 3/4" (19mm) garden hose thread	<b>Operation</b>	.....Manual, Intermittent Duty
Housing	.....Stainless Steel	<b>Electrical</b>	
Volute	.....Stainless Steel	555203	.....12VDC Alligator clips and 7' of two conductor cable.

## PPS - 1 S Pump Set

Set includes PP-1S pump which is dual threaded with both 3/8" FNPT and 3/4" GHT (Garden Hose Thread) intake and discharge. Two 10' (3m) hoses, strainer, carrying handle and floor attachment for inlet hose.



**PPS-1S** Manual  
 cULus **555153** ..... 115VAC 6' (1.8m) power cord w/grounded plug.  
 (Intermittent operation: 15 min per hr.)

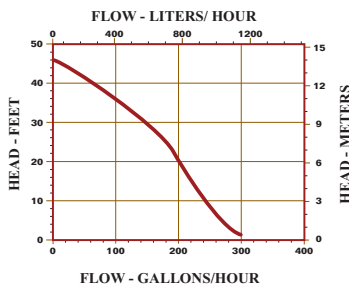


### PRODUCT CHARACTERISTICS

Maximum flow rate	.....360 GPH @ 1' 1300 LPH @ 30cm	Impeller	.....Buna-N
Liquid Temp.to	.....120°F .....49°C	Shaft Seal	.....Buna-N
Discharge	.....3/8" (9.5mm) FNPT & 3/4" (19mm) garden hose thread	<b>Operation</b>	.....Manual, Intermittent Duty
Housing	.....Stainless Steel	<b>Electrical</b>	
Volute	.....Stainless Steel	555153	.....115VAC 6' (1.8m) power cord w/grounded plug.

## PPS - 1 2 S Pump Set

**PPS-12S** Manual  
**555253** ..... 12VDC Alligator clips and 7' of two conductor cable.  
 (Intermittent operation: 15 min per hr.)



### PRODUCT CHARACTERISTICS

Maximum flow rate	.....300 GPH @ 1' 1100 LPH @ 30cm	Impeller	.....Buna-N
Liquid Temp.to	.....120°F .....49°C	Shaft Seal	.....Buna-N
Discharge	.....3/8" (9.5mm) FNPT & 3/4" (19mm) garden hose thread	<b>Operation</b>	.....Manual, Intermittent Duty
Housing	.....Stainless Steel	<b>Electrical</b>	
Volute	.....Stainless Steel	555253	.....12VDC Alligator clips and 7' of two conductor cable.

**Little GIANT**  
 Pump Company

# WATER WIZARD® SUBMERSIBLE PUMPS

Little Giant's most versatile portable utility pump with oil-filled motor and epoxy coated cast aluminum housing. For commercial, industrial and home applications including statuary fountains, water displays, air conditioners, machine tool coolants and many other applications where liquid must be transferred or recirculated.

## 5 Series

Includes garden hose adapter and removable inlet screen for easy cleaning. Lifetime oil supply. Pumps down to 1/8" (3.2mm).



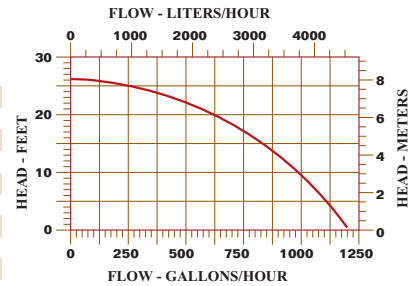
**Water Wizard®**  
**5 - M S P**

- 5-MSP** Manual
- Ⓛ 505000 .....115V 10' (3m) power cord.
  - ⓁⓁ 505086 .....115V 10' (3m) power cord.
  - ⓁⓁ 505176 .....115V 18' (5.5m) power cord.
  - Ⓛ 505025 .....115V 25' (7.6m) power cord.
  - 505500 .....127V 10' (3m) power cord.
  - 505501 .....127V 18' (5.5m) power cord.
  - 505202 .....230V 12' (3.6m) power cord w/o plug.
- 5-MSPR** Manual
- ⓁⓁ 505486 .....115V 10' (3m) power cord. (Black pump)

### PRODUCT CHARACTERISTICS

Motor	1/6HP Shaded Pole
Maximum flow rate	1200 GPH @ 1'
	4542 LPH @ 30cm
Maximum Head	26.3' .....8m
Liquid Temp. to	120°F .....49°C
Discharge	1" FNPT (25.4mm)
Housing	Epoxy coated cast aluminum
Volute	Nylon
Impeller	Nylon
Shaft Seal	Viton®
Shaft	Stainless Steel
Operation	Manual

Electrical	
505000	115V, 60Hz, 5 amps
	10' (3m) power cord.
505086	115V, 60Hz, 5 amps
	10' (3m) power cord.
505176	115V, 60Hz, 5 amps
	18' (5.5m) power cord.
505025	115V, 60Hz, 5 amps
	25' (7.6m) power cord.
505500	127V, 60Hz, 5.8 amps
	10' (3m) power cord.
505501	127V, 60Hz, 5.8 amps
	18' (5.5m) power cord.
505202	230V, 60Hz, 2.5 amps
	12' (3.6m) power cord
505486	115V, 60Hz, 5 amps
	10' (3m) power cord.



**Water Wizard®**  
**5 - A S P**

- 5-ASP** Manual or Automatic
- ⓁⓁ 505300 .....115V 10' (3m) power cord.
- 5-ASP-LL** Manual or Automatic
- ⓁⓁ 505350 .....115V 18' (5.5m) power cord.
- 5-ASP-FS** Automatic
- ⓁⓁ 505400 .....115V 10' (3m) power cord.

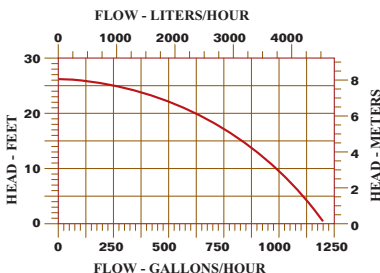
### PRODUCT CHARACTERISTICS

Motor	1/6HP Shaded Pole
Maximum flow rate	1200 GPH @ 1'
	4542 LPH @ 30cm.
Maximum Head	26.3' .....8m
Liquid Temp. to	120°F .....49°C
Discharge	1" FNPT (25.4mm)
Housing	Epoxy coated cast aluminum
Volute	Nylon
Impeller	Nylon
Shaft Seal	Viton®

Activator	
505300	RS-5 Piggyback diaphragm switch
505350	RS-5-LL Piggyback diaphragm switch
505400	Integral float switch
Switch on	
Switch off	
505300	6" - 9"
505350	2" - 3"
505400	9" - 12"
	23cm - 30.4cm
	2.5cm - 10cm
	1.2cm - 3.8cm
	2" - 4"
	5.1cm - 10cm

Operation	
505300	Manual or Automatic
505350	Manual or Automatic
505400	Automatic

Electrical	
505300	115V, 60Hz, 5 amps
	10' (3m) power cord.
505350	115V, 60Hz, 5 amps
	18' (5.5m) power cord.
505400	115V, 60Hz, 5 amps
	10' (3m) power cord.



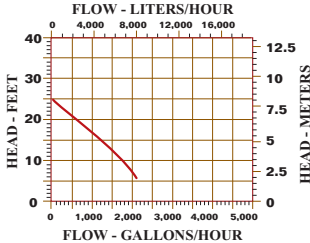


**"Snappy John"®**  
**5.5-ASP**

- 5.5-ASP** Automatic  
 Ⓛ Ⓜ **505700** .....115V 10' (3m) power cord.  
 Ⓛ Ⓜ **505701** .....115V 25' (7.6m) power cord.

**PRODUCT CHARACTERISTICS**

Motor .....	1/4HP Shaded Pole	<b>Operation</b> .....	Automatic
Maximum flow rate .....	2400 GPH @ 1'	<b>Activator</b> .....	Integral "Snap-Action" float switch
	9084 LPH @ 30cm		
Maximum Head .....	25' .....7.6m	<b>Switch on</b>	<b>Switch off</b>
Solids handling (dia.) .....	3/8 .....9.5mm	7" - 10"	2" - 5"
Liquid Temp. to .....	120°F .....49°C	17.8cm - 25.4cm	5.1cm - 12.7cm
Discharge .....	1 1/4" FNPT (31.7mm)	<b>Electrical</b>	
	(Includes garden hose adapter)	505700 .....	115V, 60Hz, 8.5 amps
Housing .....	Zinc		10' (3m) power cord.
Cover .....	Polycarbonate	505701 .....	115V, 60Hz, 8.5 amps
Volute .....	Polypropylene		25' (7.6m) power cord.
Impeller .....	Nylon		
Shaft Seal .....	Nitrile		



**Transfer Pump Accessories**

(For Polypropylene Series Pumps on page 4 and 5)



**PPIK-1**  
**155201** .....Replacement kit for PP-1.  
 Impeller, cam and gasket.



**PPIK-12**  
**155202** .....Replacement kit for PP-12.  
 Impeller, cam and gasket.

**Replacement Brush Kit-W**  
**599330** .....Replacement brush and spring kit  
 for PP-1 Pumps built after  
 10/01/81. White brush caps.

**Stainless Steel Transfer Pump Accessories**

(For Stainless Steel Series Pumps on page 5 and 6)

**PPISK-S**  
**555714** .....Repair kit with 2 impellers,  
 1 gasket and 1 seal

**PPICK-S**  
**555715** .....Repair kit with 2 impellers, 1 cam,  
 1 cover and 2 gaskets

**PPIVK-S**  
**555716** .....Repair kit with 2 impellers  
 and 1 Viton seal



# SUMP PUMPS

## Submersible Sump Pumps

Big John® submersible sump pumps provide efficient, reliable service for extended or continuous use in moving large volumes of water. Available with thermal overload protection in manual or automatic models, with epoxy coated cast iron pump housing and oil-filled motor housing, they are ideal for use in excavation, crawl space, basements, underground passageways, loading docks, grain elevators, construction sites, cooling towers, fire cleanup and other applications requiring high volume water dispersal.

### Features (Big John® Submersible Sump Pumps)

- Cast iron housing with epoxy coating
- 1 1/4" FNPT (31.7mm) adapter
- Thermal overload protection
- Screened intake
- Completely submersible

### PRODUCT CHARACTERISTICS

Motor	1/3 HP Shaded Pole
Maximum flow rate	46 GPM @ 5'
	174 LPM @ 1.52m
Maximum Head	18' ..... 5.5m
Liquid Temp. to	140°F ..... 60°C
Discharge	1 1/2" FNPT (38.1mm)
Adapter	1 1/4" FNPT (31.7mm)
	3/4" Garden Hose Adapter
Housing	Epoxy coated cast iron
Cover	Polycarbonate
Volute	Polypropylene
Impeller	Nylon
Shaft Seal	Carbon/Ceramic
Bearings	Upper and lower
	Sintered sleeve bearings

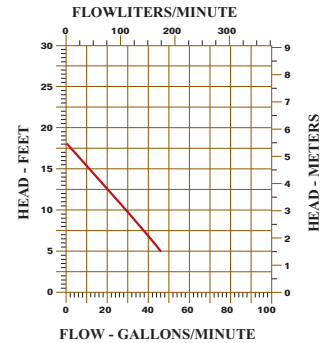
<b>Operation</b>	
6-CIM	Manual
6-CIM-R	Manual
6-CIA-RS	Manual or Automatic

<b>Activator</b>	
switch	RS-5 piggyback diaphragm switch
<b>Switch on</b>	
7" - 10"	1" - 4"
17.8cm - 25.4cm	2.5cm - 10.2cm

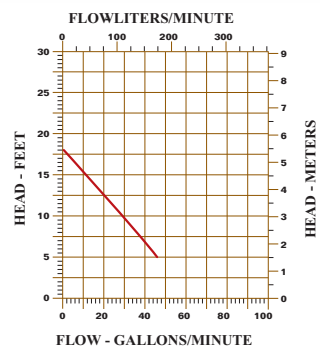
<b>Electrical</b>	
506271	115V, 50/60Hz, 9 amps
	10' (3m) power cord.
506274	115V, 50/60Hz, 9 amps
	25' (7.6m) power cord.
506266	230V, 50/60Hz, 4.5 amps
	12' (3.6m) power cord.
506267	115V, 50/60Hz, 9 amps
	10' (3m) power cord.



**"Big John Pump"**  
**6 - C I A - R S**



**"Big John Pump"**  
**6 - C I A**



## 6 Series

<b>6-CIM-R</b>	Manual
Ⓛ Ⓞ 506271	115V 10' (3m) power cord.
Ⓛ Ⓞ 506274	115V 25' (7.6m) power cord.
<b>6-CIA-RS</b>	Manual or Automatic
Ⓛ Ⓞ 506267	115V 10' (3m) power cord.
<b>6-CIM</b>	Manual
506266	230V 12' (3.6m) power cord w/o plug.

<b>6-CIA</b>	Automatic
Ⓛ Ⓞ 506158	115V 8' (2.4 m) power cord.
Ⓛ Ⓞ 506168	115V 10' (3m) power cord.
Ⓛ Ⓞ 506125	115V 25' (7.6m) power cord.
506166	230V 8' (2.4 m) power cord w/o plug.
<b>6-CIA-VDS</b>	Manual or Automatic
Ⓛ Ⓞ 506268	115V 10' (3m) power cord.
<b>6-CIA-RFS</b>	Manual or Automatic
Ⓛ Ⓞ 506171	115V 10' (3m) power cord.

### PRODUCT CHARACTERISTICS

Motor	1/3HP Shaded Pole
Maximum flow rate	46 GPM @ 5'
	174 LPM @ 1.52m
Maximum Head	18' ..... 5.5m
Liquid Temp. to	140°F ..... 60°C
Discharge	1 1/2" FNPT (38.1mm)
Adapter	1 1/4" FNPT (31.7mm)
Housing	Epoxy coated cast iron
Cover	Polycarbonate
Volute	Polypropylene
Impeller	Nylon
Shaft Seal	Carbon/Ceramic
Bearings	Upper and lower
	Sintered sleeve bearings

<b>Operation</b>	
6-CIA	Automatic
6-CIA-VDS	Manual or Automatic
6-CIA-RFS	Manual or Automatic

<b>Activator</b>	
6-CIA-VDS	Piggyback Diaphragm switch
<b>Switch on</b>	
8" - 10"	2" - 4"
20.3cm - 25.4	5.0cm - 10.2cm

6-CIA	Diaphragm switch
6-CIA-RFS	Piggyback Mechanical float switch
<b>Switch on</b>	
7" - 10"	1" - 4"
17.8cm - 25.4cm	2.5cm - 10.2cm

<b>Electrical</b>	
506158	115V, 50/60Hz, 9 amps
	8' (2.4 m) power cord.
506168	115V, 50/60Hz, 9 amps
	10' (3m) power cord.
506125	115V, 50/60Hz, 9amps
	25' (7.6m) power cord.
506166	230V, 50/60Hz, 4.5 amps
	8' (2.4 m) power cord.
506268	115V, 50/60Hz, 9 amps
	10' (3m) power cord.
506171	115V, 50/60Hz, 9 amps
	10' (3m) power cord.

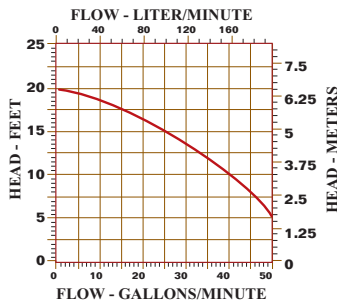
When ordering, please specify Model and Catalog numbers.

www.LittleGiantPump.com

## 6 E Series



**Eliminator**  
**6 E - C I M**



- |                     |   |
|---------------------|---|
| <b>6E-CIM</b>       | Manual  |
| Ⓛ Ⓢ <b>506710</b>   | .....115V 10' (3m) power cord.                |
| Ⓛ Ⓢ <b>506711</b>   | .....115V 25' (7.6m) power cord.              |
| Ⓛ Ⓢ <b>506775</b>   | .....115V 25' (7.6m) power cord. (Black pump) |
| <b>506500</b>       | .....127V 25' (7.6m) power cord.              |
| Ⓛ Ⓢ <b>506730</b>   | .....230V 15' (4.6m) power cord.              |
| C-CSA <b>506735</b> | .....230V 25' (7.6m) power cord w/o plug.     |

### PRODUCT CHARACTERISTICS

Motor	.....1/3HP Shaded Pole
Maximum flow rate	.....50 GPM @ 5'
	.....189 LPM @ 1.52m
Maximum Head	.....20' .....6.0m
Solids handling (dia.)	.....1/2" .....12.7mm
Liquid Temp. to	.....140°F .....60°C
Discharge	.....1 1/2" FNPT (38.1mm)
Housing	.....Epoxy coated cast iron
Cover	.....Polycarbonate
Volute	.....Polypropylene/Cast iron
Impeller	.....Nylon
Shaft Seal	.....Carbon/Ceramic
Bearings	.....Upper and lower
	.....Sintered sleeve bearings
<b>Operation</b>	.....Manual

<b>Electrical</b>	
506710	.....115V, 60Hz, 10 amps
	.....10' (3m) power cord.
506711	.....115V, 60Hz, 10 amps
	.....25' (7.6m) power cord.
506775	.....115V, 60Hz, 10 amps
	.....25' (7.6m) power cord.
506500	.....127V, 60Hz, 10 amps
	.....25' (7.6m) power cord.
506730	.....230V, 60Hz, 4.8 amps
	.....15' (4.6m) power cord.
506735	.....230V, 60Hz, 4.8 amps
	.....25' (7.6m) power cord.

### PRODUCT CHARACTERISTICS

Motor	.....1/3HP Shaded Pole
Maximum flow rate	.....50 GPM @ 5'
	.....189 LPM @ 1.52m
Maximum Head	.....20' .....6.0m
Solids handling (dia.)	.....1/2" .....12.7mm
Liquid Temp. to	.....140°F .....60°C
Discharge	.....1 1/2" FNPT (38.1mm)
Housing	.....Epoxy coated cast iron
Cover	.....Polycarbonate
Volute	.....Polypropylene/Cast iron
Impeller	.....Nylon
Shaft Seal	.....Carbon/Ceramic
Bearings	.....Upper and lower
	.....Sintered sleeve bearings

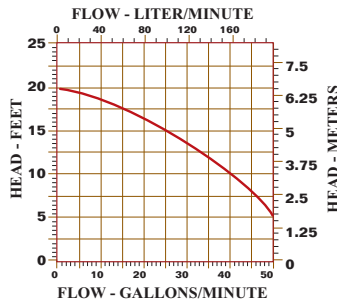
<b>Operation</b>	
6E-CIA-SFS	.....Automatic
6E-CIA-VDS	.....Manual or Automatic
6E-CIA-RFSN	.....Manual or Automatic

<b>Activator</b>	
6E-CIA-VDS	.....Piggyback Diaphragm Switch
	<b>Switch on</b> <b>Switch off</b>
	10"                      4"
6E-CIA-SFS	....."Snap-Action" Float Switch
6E-CIA-RFSN	.....Piggyback mechanical float switch
	<b>Switch on</b> <b>Switch off</b>
	7" - 10"              2" - 5"
	17.8cm - 25.4cm    5.1cm - 12.7cm

<b>Electrical</b>	
506700	.....115V, 60Hz, 10 amps
	.....10' (3m) power cord.
506701	.....115V, 60Hz, 10 amps
	.....25' (7.6m) power cord.
506720	.....230V, 60Hz, 4.8 amps
	.....15' (4.6m) power cord.
506712	.....115V, 60Hz, 10 amps
	.....10' (3m) power cord.
506740	.....115V, 60Hz, 10 amps
	.....10' (3m) power cord.

- |                    |                                  |
|--------------------|----------------------------------|
| <b>6E-CIA-SFS</b>  | Automatic                        |
| Ⓛ Ⓢ <b>506700</b>  | .....115V 10' (3m) power cord.   |
| Ⓛ Ⓢ <b>506701</b>  | .....115V 25' (7.6m) power cord. |
| Ⓛ Ⓢ <b>506720</b>  | .....230V 15' (4.6m) power cord. |
| <b>6E-CIA-VDS</b>  | Manual or Automatic              |
| Ⓛ Ⓢ <b>506712</b>  | .....115V 10' (3m) power cord.   |
| <b>6E-CIA-RFSN</b> | Manual or Automatic              |
| Ⓛ Ⓢ <b>506740</b>  | .....115V 10' (3m) power cord.   |

**Eliminator**  
**6 E - C I A - S F S**



# High Temperature

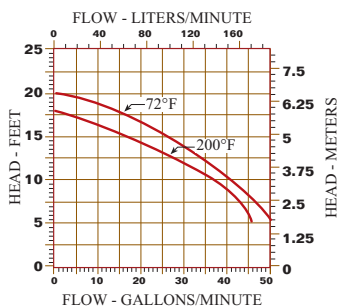


**Eliminator**  
**HT-6E-CIA-FS**

**HT-6E-CIA-FS** Automatic  
 Ⓢ **506600** .....115V 15' (4.6m) power cord.

## PRODUCT CHARACTERISTICS

Motor	1/3HP Shaded Pole	
Maximum flow rate	.50 GPM @ 5' 189 LPM @ 1.52m	
Maximum Head	20' .....6.0m	
Solids handling (dia.)	1/2" .....12.7mm	
Liquid Temp. to	200°F .....93°C	
Discharge	1 1/2" (38.1mm) FNPT	
Housing	Epoxy coated cast iron	
Cover	Epoxy coated cast iron	
Volute	Ryton®/Cast iron	
Impeller	Vortex nylon	
Shaft Seal	Carbon/Ni-Resist & Viton®	
Bearings	Upper and lower Sintered sleeve bearings	
<b>Operation</b>	Automatic	
<b>Activator</b>	Integral mechanical float switch	
	<b>Switch on</b>	<b>Switch off</b>
	10" - 12"	2" - 4"
	25.4cm - 30.4cm	5.1cm - 10.2cm
<b>Electrical</b>	506600 .....115V, 60Hz, 10.1 amps 15' (4.6m) power cord.	



## 8 Series

### PRODUCT CHARACTERISTICS

Motor	4/10HP Shaded Pole	
Maximum flow rate	.54 GPM @ 5' 204 LPM @ 1.52m	
Maximum Head	22.9' .....6.98m	
Liquid Temp. to	140°F .....60°C	
Discharge	1 1/2" FNPT (38.1mm)	
Adapter	1 1/4" FNPT (31.8mm)	
Housing	Epoxy coated cast iron	
Cover	Polycarbonate	
Volute	Polypropylene	
Impeller	Polypropylene	
Shaft Seal	Carbon/Ceramic	
Bearings	Upper and lower Sintered sleeve bearings	

<b>Operation</b>	8-CIM .....Manual	
	8-CIA .....Automatic	
	8-CIA-VDS .....Manual or Automatic	

<b>Activator</b>	8-CIA .....Diaphragm switch	
------------------	-----------------------------	--

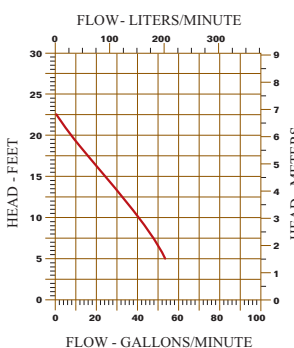
	<b>Switch on</b>	<b>Switch off</b>
	7" - 10"	1" - 4"
	17.8cm - 25.4cm	2.54cm - 10.2cm
8-CIA-VDS	Piggyback diaphragm switch	

	<b>Switch on</b>	<b>Switch off</b>
	8" - 10"	2" - 4"
	20.3cm - 25.4	5.0cm - 10.2cm

<b>Electrical</b>	508057 .....115V, 60Hz, 10 amps 10' (3m) power cord.	
	508058 .....115V, 60Hz, 10 amps 25' (7.6m) power cord.	
	508157 .....115V, 60Hz, 10 amps 10' (3m) power cord.	
	508158 .....115V, 60Hz, 10 amps 25' (7.6m) power cord.	
	508059 .....115V, 60Hz, 10 amps 10' (3m) power cord.	

<b>8-CIM</b>	Manual	
Ⓢ Ⓢ <b>508057</b>	.....115V 10' (3m) power cord.	
Ⓢ Ⓢ <b>508058</b>	.....115V 25' (7.6m) power cord.	
<b>8-CIA</b>	Automatic	
Ⓢ Ⓢ <b>508157</b>	.....115V 10' (3m) power cord.	
Ⓢ Ⓢ <b>508158</b>	.....115V 25' (7.6m) power cord.	
<b>8-CIA-VDS</b>	Manual or Automatic	
Ⓢ Ⓢ <b>508059</b>	.....115V 10' (3m) power cord.	

**"Big John Pump"**  
**8 - CIA**

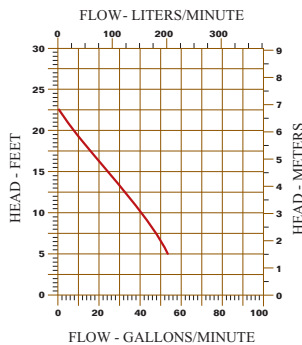


**Little GIANT**  
Pump Company

Viton® is a registered trademark of Dupont Performance elastomers  
 Ryton® is a registered trademark of Chevron Phillips Chemical Company



**“Big John Pump”**  
**8 - C B A**



- 8-CBM** Manual
- Ⓞ Ⓢ **508257** .....115V 10' (3m) power cord.
- 8-CBA** Automatic
- Ⓞ Ⓢ **508357** .....115V 10' (3m) power cord.

**PRODUCT CHARACTERISTICS**

Motor	4/10HP Shaded Pole
Maximum flow rate	54 GPM @ 5' / 204 LPM @ 1.52m
Maximum Head	22.9' / 6.98m
Liquid Temp. to	140°F / 60°C
Discharge	1 1/2" FNPT (38.1mm)
Adapter	1 1/4" FNPT (31.8mm)
Housing	Cast bronze
Cover	Polycarbonate
Volute	Polypropylene
Impeller	Polypropylene
Shaft Seal	Carbon/Ceramic
Bearings	Upper and lower / Sintered sleeve bearings

**Operation**

8-CBM	Manual
8-CBA	Automatic

**Activator**

8-CBA	Diaphragm switch
-------	------------------

Switch on	Switch off
7" - 10" / 17.8cm - 25.4cm	1" - 4" / 2.54cm - 10.2cm

**Electrical**

508257	115V, 60Hz, 10 amps / 10' (3m) power cord.
508357	115V, 60Hz, 10 amps / 10' (3m) power cord.

**10 Series**

**PRODUCT CHARACTERISTICS**

Motor	1/2HP Split Phase
Maximum flow rate	83 GPM @ 5' / 314 LPM @ 1.52 m
Maximum Head	23' / 7m
Liquid Temp. to	140°F / 60°C
Discharge	1 1/2" FNPT (38.1mm)
Housing	Epoxy coated cast iron
Relay Cover	Glass-filled nylon
Volute	Cast iron
Impeller	Nylon
Shaft Seal	Carbon/Ceramic
Bearings	Upper and Lower: Ball bearing

**Operation**

10-CIM	Manual
10-CIA	Automatic
10-CIA-VDS	Manual or Automatic

**Activator**

10-CIA	Diaphragm switch
<b>Switch on</b>	<b>Switch off</b>
8 1/2" - 12" / 21.5cm - 30.4cm	1 1/2" - 5" / 3.8cm - 12.7cm
10-CIA-VDS	Piggyback diaphragm switch

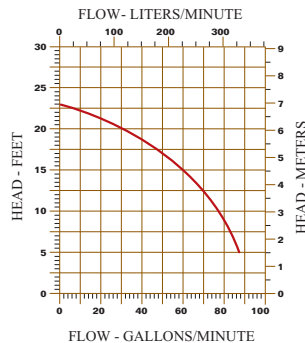
Switch on	Switch off
11" - 13" / 28cm - 33cm	1" - 3" / 2.54cm - 10.1cm

**Electrical**

510055	115V, 60Hz, 11 amps / 10' (3m) power cord.
510155	115V, 60Hz, 11 amps / 10' (3m) power cord.
510156	115V, 60Hz, 11 amps / 25' (7.6m) power cord.
510056	115V, 60Hz, 11 amps / 10' (3m) power cord.

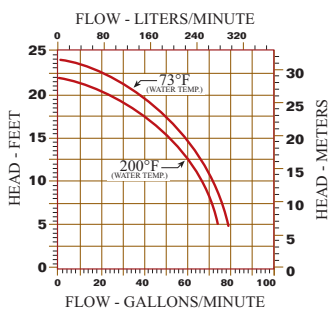
- 10-CIM** Manual
- Ⓞ Ⓢ **510055** .....115V 10' (3m) power cord.
- 10-CIA** Automatic
- Ⓞ Ⓢ **510155** .....115V 10' (3m) power cord.
- Ⓞ Ⓢ **510156** .....115V 25' (7.6m) power cord.
- 10-CIA-VDS** Manual or Automatic
- Ⓞ Ⓢ **510056** .....115V 10' (3m) power cord.

**“Big John Pump”**  
**10 - C I A**





**Eliminator**  
**HT-10E-CIA-FS**



## High Temperature

- HT-10E-CIM** Manual  
Ⓢ **511600** .....115V 15' (4.6m) power cord.
- HT-10E-CIA-FS** Automatic  
Ⓢ **511700** .....115V 15' (4.6m) power cord.

### PRODUCT CHARACTERISTICS

Motor	1/2HP Split Phase
Maximum flow rate	80 GPM @ 5' 302 LPM @ 1.52m
Maximum Head	24' .....7.32m
Solids handling (dia.)	3/4" .....19mm
Liquid Temp. to	200°F .....93°C
Discharge	1 1/2" FNPT (38.1mm)
Housing	Epoxy coated cast iron
Relay Cover	Cast iron
Volute	Nylon/Cast iron
Impeller	Vortex nylon
Shaft Seal	Carbon/Ni-Resist/Viton®
Bearings	Upper and Lower: Ball bearings

**Operation**

HT-10E-CIM	Manual
HT-10E-CIA-FS	Automatic

**Activator**

HT-10E-CIA-FS	Integral mechanical float switch
---------------	----------------------------------

**Switch on      Switch off**

10" - 12"	2" - 4"
25.4cm - 30.4cm	5.1cm - 10.2cm

**Electrical**

511600	115V, 60Hz, 10.5 amps 15' (4.6m) power cord.
511700	115V, 60Hz, 10.5 amps 15' (4.6m) power cord.

## 12 Series

### PRODUCT CHARACTERISTICS

Motor	1/2HP Split Phase
Maximum flow rate	83 GPM @ 5' 314 LPM @ 1.52m
Maximum Head	26' .....7.9m
Liquid Temp. to	140°F .....60°C
Discharge	1 1/2" FNPT (38.1mm)
Housing	Cast bronze
Relay Cover	Glass-filled nylon
Volute	Cast bronze
Impeller	Nylon
Shaft Seal	Carbon/Ceramic
Bearings	Upper and Lower: Ball bearings

**Operation**

12-CBM	Manual
12-CBA	Automatic

**Activator**

12-CBA	Diaphragm switch
--------	------------------

**Switch on      Switch off**

8 1/2" - 12"	1 1/2" - 5"
21.5cm - 30.4cm	3.8cm - 12.7cm

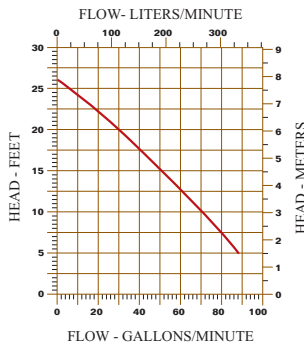
**Electrical**

512055	115V, 60Hz, 11 amps 10' (3m) power cord.
512155	115V, 60Hz, 11 amps 10' (3m) power cord.
512125	115V, 60Hz, 11 amps 25' (7.6m) power cord.

- 12-CBM** Manual  
Ⓢ **512055** .....115V 10' (3m) power cord.
- 12-CBA** Automatic  
Ⓢ **512155** .....115V 10' (3m) power cord.  
Ⓢ **512125** .....115V 25' (7.6m) power cord.

**"Big John Pump"**

**12 - C B A**



**Little GIANT**  
Pump Company

# Sure Sump Auxiliary Power System



Fully automatic Auxiliary Power System (APS) is comprised of a power unit and battery enclosure which holds two 12 VDC batteries (not included). The two 12 VDC, 120 Amp-Hour (deep cycle, lead acid) marine type batteries connected in series will provide 24 VDC. The advanced charging system monitors and maintains battery voltage and converts the 24 VDC power to 115 VAC to provide power to the sump, sewage or effluent pump(s) in the event of a power outage. The pump(s) simply plug into power unit and power unit plugs into standard 115v outlet; no direct wiring is involved. Max Output: 15 amps with a service factor of .80 (12 amps) and a total of 1/2 HP or 1440 watts. LED indicator lights: Inverter Light (in use) and Charge Light.

**APS-115** Automatic  
 Ⓛ C-UL **513400** .....115V 9' power cord. Batteries not included.

## 12-VDC Automatic Sump Pump Back-Up System



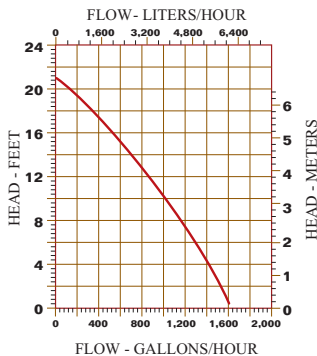
Serves as a secondary sump pump, for added protection from flooding, in case the primary sump pump fails due to power outages, flow-blockage from obstruction in sump pit, etc. Also functions as an audible alarm if the primary pump fails.

Includes: 12VDC pump; check valve; "T" connector for 1 1/2" (3.8cm) pipe; vertical mechanical float switch; charger/alarm unit (10 amp); and battery box (requires 12V deep cycle marine battery rated 105-140 amp hours, not included.)

**SPBS-12** Automatic  
**506400**

### PRODUCT CHARACTERISTICS

Maximum flow rate	.....1600 GPH	.....6056 LPH
Maximum Head	.....21'	.....6.4m
Liquid Temp. to	.....140°F	.....60°C
Discharge	.....1 1/2" x 1" slip	
Housing	.....Acetal	
Cover	.....Acetal	
Volute	.....Acetal	
Impeller	.....Nylon	
<b>Operation</b>	.....Automatic	
<b>Activator</b>	.....Mechanical float switch	
<b>Electrical</b>	.....12VDC Battery (not included)	



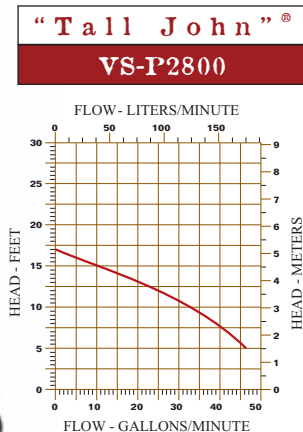
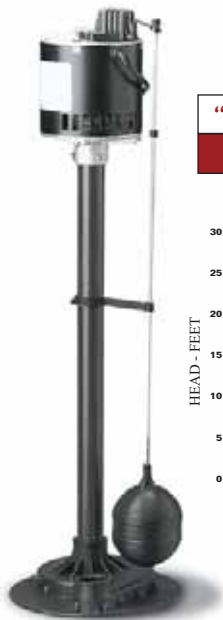
## Vertical Sump Pump

Designed for residential and light to moderate commercial duty. Available with thermal overload protection, corrosion-proof polypropylene volute and adjustable "Snap-Action" Float Switch.

**VS-P2800** Automatic  
 Ⓛ Ⓜ **547151** .....115V 8' (2.4) power cord.

### PRODUCT CHARACTERISTICS



Motor	.....1/3HP	
Maximum flow rate	.....47 GPM @ 5'	.....178 LPM @ 1.52m
Maximum Head	.....17'.....5.18m	
Solids handling (dia.)	.....1/4".....6.4mm	
Liquid Temp. to	.....140°F.....60°C	
Discharge	.....1 1/4" FNPT (31.7mm)	
Volute	.....ABS plastic	
Impeller	.....PVC	
<b>Operation</b>	.....Automatic	
<b>Activator</b>	.....Automatic float switch	
<b>Switch on, Switch off</b>	.....Adjustable	
<b>Electrical</b>	.....Automatic	
547151	.....115V, 60Hz, 4 amps	
	.....8' (2.4m ) power cord.	



# DRAINOSAUR® WATER REMOVAL SYSTEMS

For applications where gravity drainage is impractical.

## WRS - 6 (Pre-assembled) Drainosaur®

Includes 5-gallon polypropylene tank. Tank lid has 1 1/2" FNPT (38.1mm) side intake port, 1 1/2" FNPT (38.1mm) top discharge port, and 2" FNPT (51mm) top vent port. Easy-to-remove filter trap. Also includes 1/3 HP automatic submersible sump pump with 8' (2.4m) power cord and 3-prong grounded plug; 1 1/2" (38.1mm) diameter pipe from pump to lid. Basin is IAPMO approved. 115V pump is  and  approved.

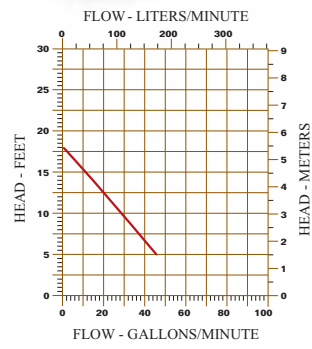


### WRS-6



- 506055** .....115V 8' (2.4m ) power cord.
- 506056** .....230V 8' (2.4m ) power cord w/o plug.

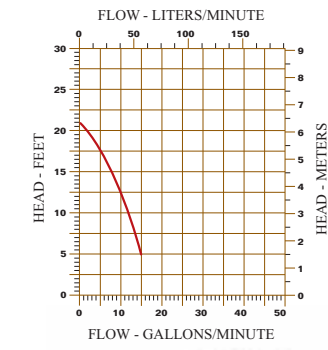
### PUMP CHARACTERISTICS

Motor	.....1/3HP Shaded Pole
Maximum flow rate	.....46 GPM .....174 LPM
Maximum Head	.....18' .....5.5m
Liquid Temp. to	.....125°F .....52°C
Discharge	.....1 1/2" FNPT (38.1mm)
Housing	.....Epoxy coated cast iron
Cover	.....Polycarbonate
Volute	.....Polypropylene
Impeller	.....Nylon
Shaft Seal	.....Carbon/Ceramic
Bearings	.....Upper and lower
	.....Sintered sleeve bearings
<b>Operation</b>	.....Automatic
<b>Activator</b>	.....Diaphragm switch
	<b>Switch on</b> <b>Switch off</b>
	7" - 10"                              1" - 4"
	17.8cm - 25.4cm                  2.54cm - 10.2cm
<b>Electrical</b>	
506055	.....115V, 60Hz, 9 amps
	8' (2.4m ) power cord.
506056	.....230V, 50/60Hz, 4.5 amps
	8' (2.4m ) power cord.



## WRS - 5 (Pre-assembled) Drainosaur® Jr.

Includes 5-gallon polypropylene tank. Tank lid has 1 1/2" FNPT (38.1mm) side intake port, 1 1/2" FNPT (38.1mm) top discharge port, and 2" FNPT (51mm) top vent port. Easy-to-remove filter trap. Also includes 1/6 HP automatic, 5-ASP submersible sump pump with 10' (3m) power cord and 3-prong grounded plug; 1" (25.4mm) diameter pipe from pump to lid. Basin is IAPMO approved. Pump is  and  approved.



### WRS-5

- 505055** .....115V 10' power cord.

### PUMP CHARACTERISTICS



Motor	.....1/6HP Shaded Pole
Maximum flow rate	.....15 GPM .....56.8 LPM
Maximum Head	.....21' .....6.4m
Liquid Temp. to	.....125°F .....52°C
Discharge	.....1 1/2" FNPT (38.1mm)
Housing	.....Epoxy coated cast aluminum
Volute	.....Nylon
Impeller	.....Nylon
Shaft Seal	.....Viton®
<b>Operation</b>	.....Automatic
<b>Activator</b>	.....Diaphragm switch
	<b>Switch on</b> <b>Switch off</b>
	6" - 9"                              1" - 4"
	15.24 - 23cm                      2.54cm - 10.1cm
<b>Electrical</b>	
505055	.....115V, 60Hz, 5 amps
	10' (3m) power cord.



Wastewater pumps  
Condensate pumps  
Submersible pumps  
Magnetic drive pumps

## W R S C - 6 (Pre-assembled)

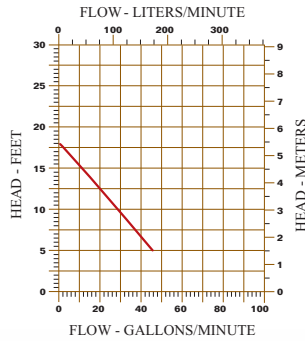
### Compact Drinosaur®

Compact unit includes 3 1/2 gallon (13.2 L) tank, only 10 1/2" (26.6cm) high. Automatic submersible pump with mid-level activating switch; 8' (2.4m) power cord. Consult factory for specific replacement pump. Basin is IAPMO approved. 115V pump is  and  approved.

#### WRSC-6

**506065** .....115V 8' (2.4m) power cord.

**506066** .....230V 8' (2.4m) power cord w/o plug.





#### PUMP CHARACTERISTICS

Motor	1/3HP Shaded Pole
Maximum flow rate	46 GPM .....174 LPM
Maximum Head	18' .....5.5m
Liquid Temp. to	125°F .....52°C
Discharge	1 1/2" FNPT (38.1mm)
Housing	Epoxy coated cast iron
Cover	Polycarbonate
Volute	Polypropylene
Impeller	Nylon
Shaft Seal	Carbon/Ceramic
Bearings	Upper and lower Sintered sleeve bearings
Operation	Automatic
Activator	Diaphragm switch
<b>Switch on</b>	
4" - 7"	1" - 3"
10.2cm - 17.8cm	2.54cm - 7.6cm
<b>Electrical</b>	
506065	115V, 60Hz, 9 amps 8' (2.4m) power cord.
506066	230V, 50/60Hz, 5 amps 8' (2.4m) power cord.

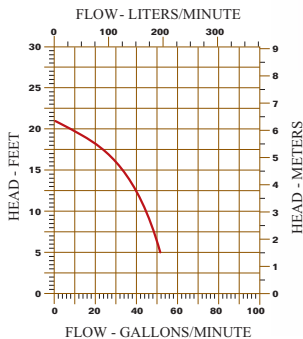
## W R S - 8 E (Pre-assembled)

### Drinosaur® II

Includes 5-gallon polypropylene tank. Tank lid has 1 1/2" FNPT (38.1mm) side intake port, 1 1/2" FNPT (38.1mm) top discharge port, and 2" FNPT (51mm) top vent port. Also includes 1/3 HP automatic submersible wastewater pump with 3/4" solids handling capability, 10' (3m) power cord and 3-prong grounded plug; 1 1/2" (38.1mm) diameter pipe from pump to lid. Basin is IAPMO approved. 115V pump is  and  approved.

#### WRS-8E

**509150** .....115V 10' (3m) power cord.



#### PUMP CHARACTERISTICS

Motor	1/3HP Shaded Pole
Maximum flow rate	52 GPM .....197 LPM
Maximum Head	21' .....6.4m
Liquid Temp. to	125°F .....52°C
Discharge	1 1/2" FNPT (38.1mm)
Housing	Epoxy coated cast iron
Cover	Polycarbonate
Volute	Polypropylene
Impeller	Nylon
Shaft Seal	Carbon/Ceramic
Bearings	Upper and lower Sintered sleeve bearings
Operation	Automatic
Activator	Piggyback RVMS
<b>Switch on</b>	
7" - 10"	2" - 5"
17.8cm - 25.4cm	5.1cm - 12.7cm
<b>Electrical</b>	
509150	115V, 60Hz, 11.5 amps 10' (3m) power cord.

# ONSITE SEPTIC TANK EFFLUENT PUMPS

## Eliminator® Effluent Pumps

The Eliminator® submersible pump series from Little Giant is specifically engineered to handle the tough, demanding tasks of effluent waste transfer with high efficiency and long-term dependability.

For use in residential, commercial, industrial and agricultural applications with light to medium transfer demands. Applications include dewatering, effluent waste and wastewater handling where materials must be moved upward from a collection area to sewer or septic lines or drainage areas.

### Features (6E, 8E, 9E, 9EH, 10E, 14EH & 16EH)

- Completely submersible
- Handles liquid and solid waste material up to 1/2" DIA.
- Cast iron pump housing with protective epoxy coating
- Oil-filled motor housing for lifetime lubrication and rapid heat dissipation
- Mechanical-type seals (stainless steel spring, nitrile parts, carbon and ceramic face)
- Thermal overload protection

## 6 E S E R I E S

### PRODUCT CHARACTERISTICS

Motor	.....1/3HP Shaded Pole
Maximum flow rate	.....50 GPM @ 5'
	.....189 LPM @ 1.52m
Maximum Head	.....20' .....6.1m
Solids handling (dia.)	.....1/2" .....12.7mm
Liquid Temp. to	.....140°F .....60°C
Discharge	.....1 1/2" .....38.1mm
Housing	.....Epoxy coated cast iron
Cover	.....Polycarbonate
Volute	.....Polypropylene/Cast iron
Impeller	.....Nylon
Shaft Seal	.....Carbon/Ceramic
Bearings	.....Upper and lower .....Sintered sleeve bearings

#### Operation

6E-CIM	.....Manual
6E-CIA-SFS	.....Automatic
6E-CIA-VDS	.....Manual or Automatic
6E-CIA-RFSN	.....Manual or Automatic

#### Activator

6E-CIA-SFS	.....Integral "Snap-Action" .....float switch
6E-CIA-VDS	.....Piggyback diaphragm switch
6E-CIA-RFSN	.....Piggyback mechanical .....float switch

	Switch on	Switch off
6E-CIA-SFS	7"-10"	2" - 5"
	17.8cm - 25.4cm	5.1cm - 12.7cm
6E-CIA-VDS	9" - 11"	3" - 5"
	23cm - 28cm	8cm - 13cm
6E-CIA-RFSN	7"-10"	2" - 5"
	17.8cm - 25.4cm	5.1cm - 12.7cm

#### Electrical

506710	.....115V, 60Hz, 10 amps .....10' (3m) power cord.
506711	.....115V, 60Hz, 10 amps .....25' (7.6m) power cord.
506775	.....115V, 60Hz, 10 amps .....25' (7.6m) power cord.
506500	.....127V, 60Hz, 10 amps .....25' (7.6m) power cord.
506730	.....230V, 50/60Hz, 4.8 amps .....15' (4.6m) power cord.
506735	.....230V, 50/60Hz, 4.8 amps .....25' (7.6m) power cord.
506700	.....115V, 60Hz, 10 amps .....8' (2.4m) power cord.
506701	.....115V, 60Hz, 10 amps .....10' (3m) power cord.
506720	.....230V, 50/60Hz, 4.8 amps .....15' (4.6m) power cord.
506712	.....115V, 60Hz, 10 amps .....10' (3m) power cord.
506740	.....115V, 60Hz, 10 amps .....10' (3m) power cord.

### 6E-CIM

Manual	
Ⓛ Ⓜ Ⓢ 506710	.....115V 10' (3m) power cord.
Ⓛ Ⓜ Ⓢ 506711	.....115V 25' (7.6m) power cord.
Ⓛ Ⓜ Ⓢ 506775	.....115V 25' (7.6m) power cord. (Black pump)
506500	.....127V 25' (7.6m) power cord.
Ⓛ Ⓜ Ⓢ 506730	.....230V 15' (4.6m) power cord.
C-CSA 506735	.....230V 25' (7.6m) power cord w/out plug.

### 6E-CIA-SFS Automatic

Ⓛ Ⓜ Ⓢ 506700	.....115V 10' (3m) power cord.
Ⓛ Ⓜ Ⓢ 506701	.....115V 25' (7.6m) power cord.
Ⓛ Ⓜ Ⓢ 506720	.....230V 15' (4.6m) power cord.

### 6E-CIA-VDS Manual or Automatic

Ⓛ Ⓜ Ⓢ 506712	.....115V 10' (3m) power cord.
--------------	--------------------------------

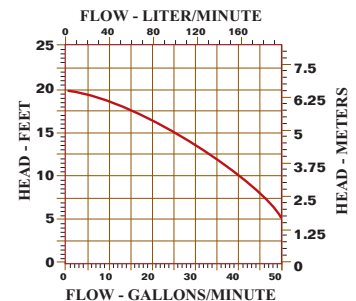
### 6E-CIA-RFSN Manual or Automatic

Ⓛ Ⓜ Ⓢ 506740	.....115V 10' (3m) power cord.
--------------	--------------------------------

**Eliminator**  
**6E-CIM**



**Eliminator**  
**6E-CIA-SFS**



Little GIANT  
Pump Company

## PRODUCT CHARACTERISTICS

Motor	1/3HP Shaded Pole
Maximum flow rate	52 GPM @ 5' 197 LPM @ 1.52m
Maximum Head	21' .....6.4m
Solids handling (dia.)	3/4" .....19mm
Liquid Temp. to	140°F .....60°C
Discharge	1 1/2" FNPT (38.1mm)
Housing	Epoxy coated cast iron
Cover	Glass-filled nylon
Volute	ABS/cast iron
Impeller	Vortex nylon
Shaft Seal	Carbon/Ceramic
Bearings	Upper and lower Sintered sleeve bearings

<b>Operation</b>	
8E-CIM	Manual
8E-CIA-VDS	Manual or Automatic
8E-CIA-RFS	Manual or Automatic

<b>Activator</b>	
8E-CIA-VDS	Piggyback diaphragm switch
<b>Switch on</b>	<b>Switch off</b>
9" - 11"	3" - 5"
23cm - 28cm	8cm - 13cm
8E-CIA-RFS	Piggyback mechanical float switch
<b>Switch on</b>	<b>Switch off</b>
9" - 14"	2" - 6"
22.8cm - 35.6cm	5.1cm - 15.2cm

<b>Electrical</b>	
509000	115V, 60Hz, 11.5 amps 10' (3m) power cord.
509005	115V, 60Hz, 11.5 amps 15' (4.6m) power cord.
509125	115V, 60Hz, 11.5 amps 25' (7.6m) power cord.
509050	230V, 60Hz, 5.8 amps 12' (3.6m) power cord.
509001	115V, 60Hz, 11.5 amps 10' (3m) power cord.
509100	115V, 60Hz, 11.5 amps 10' (3m) power cord.
509105	115V, 60Hz, 11.5 amps 15' (4.6m) power cord.
509120	115V, 60Hz, 11.5 amps 20' (6m) power cord.

## PRODUCT CHARACTERISTICS

Motor	4/10HP Shaded Pole
Maximum flow rate	57 GPM @ 5' 216 LPM @ 1.52m
Maximum Head	23' .....7m
Solids handling (dia.)	3/4" .....19mm
Liquid Temp. to	140°F .....60°C
Discharge	1 1/2" FNPT (38.1mm)
Housing	Epoxy coated cast iron
Cover	Glass-filled nylon
Volute	ABS/cast iron
Impeller	Vortex nylon
Shaft Seal	Carbon/Ceramic
Bearings	Upper: Sintered sleeve bearings Lower: Ball bearings

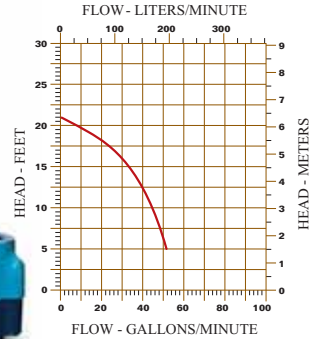
<b>Operation</b>	
9E-CIM	Manual
9E-CIA-VDS	Manual or Automatic
9E-CIA-RFS	Manual or Automatic

<b>Activator</b>	
9E-CIA-VDS	Piggyback diaphragm switch
<b>Switch on</b>	<b>Switch off</b>
10" - 12"	4" - 6"
25.4cm - 30.5cm	10.1cm - 15.2cm
9E-CIA-RFS	Piggyback mechanical float switch
<b>Switch on</b>	<b>Switch off</b>
9" - 14"	2" - 6"
22.8cm - 35.6cm	5.1cm - 15.2cm

<b>Electrical</b>	
509200	115V, 60Hz, 12.3 amps 15' (4.6m) power cord.
509225	115V, 60Hz, 12.3 amps 25' (7.6m) power cord.
509250	230V, 60Hz, 6.2 amps 20' (6m) power cord.
509201	115V, 60Hz, 12.3 amps 15' (4.6m) power cord.
509300	115V, 60Hz, 12.3 amps 15' (4.6m) power cord.
509320	115V, 60Hz, 12.3 amps 20' (6m) power cord.

## 8 E Series

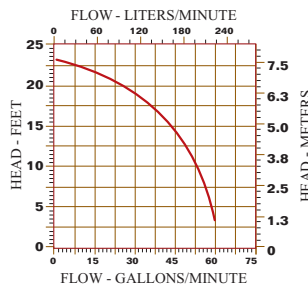
<b>8E-CIM</b>		Manual
Ⓢ Ⓢ	<b>509000</b>	115V 10' (3m) power cord.
Ⓢ Ⓢ	<b>509005</b>	115V 15' (4.6m) power cord.
Ⓢ Ⓢ	<b>509125</b>	115V 25' (7.6m) power cord.
	<b>509050</b>	230V 12' (3.6m) power cord w/out plug.
<b>8E-CIA-VDS</b>		Manual or Automatic
Ⓢ Ⓢ	<b>509001</b>	115V 10' (3m) power cord.
<b>8E-CIA-RFS</b>		Manual or Automatic
Ⓢ Ⓢ	<b>509100</b>	115V 10' (3m) power cord.
Ⓢ Ⓢ	<b>509105</b>	115V 15' (4.6m) power cord.
Ⓢ Ⓢ	<b>509120</b>	115V 20' (6m) power cord.



**Eliminator**  
**8E-CIA-RFS**

## 9 E Series

<b>9E-CIM</b>		Manual
Ⓢ Ⓢ	<b>509200</b>	115V 15' (4.6m) power cord.
Ⓢ Ⓢ	<b>509225</b>	115V 25' (7.6m) power cord.
	<b>509250</b>	230V 20' (6m) power cord.
<b>9E-CIA-VDS</b>		Manual or Automatic
Ⓢ Ⓢ	<b>509201</b>	115V 15' (4.6m) power cord.
<b>9E-CIA-RFS</b>		Manual or Automatic
Ⓢ Ⓢ	<b>509300</b>	115V 15' (4.6m) power cord.
Ⓢ Ⓢ	<b>509320</b>	115V 20' (6m) power cord.



**Eliminator**  
**9E-CIA-RFS**

Little **GIANT**  
Pump Company

# 9EH High Head Series

## PRODUCT CHARACTERISTICS

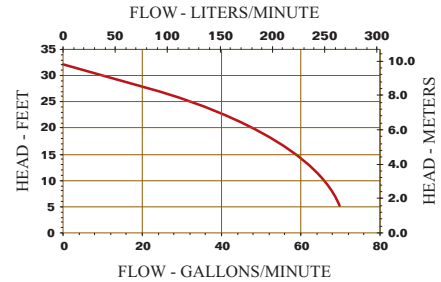
Motor	4/10HP Shaded Pole
Maximum flow rate	70 GPM @ 5' 265 LPM @ 1.52m
Maximum Head	32' .....9.8m
Solids handling (dia.)	3/4" .....19mm
Liquid Temp. to	140°F .....60°C
Discharge	1 1/2" FNPT (38.1mm)
Housing	Epoxy coated cast iron
Cover	Glass-filled nylon
Volute	ABS
Impeller	Closed vane polycarbonate
Shaft Seal	Carbon/Ceramic
Bearings	Upper: Sintered sleeve bearings Lower: Ball bearings

<b>Operation</b>	
9EH-CIM	Manual
9EH-CIA-VDS	Manual or Automatic
9EH-CIA-RFS	Manual or Automatic

<b>Activator</b>	
9EH-CIA-VDS	Piggyback diaphragm switch
	<b>Switch on</b> <b>Switch off</b>
	14" - 16"      4" - 6"
	35.5cm - 40.6cm      10.1cm - 15.2cm
9EH-CIM	Piggyback mechanical float switch
	<b>Switch on</b> <b>Switch off</b>
	9" - 14"      2" - 6"
	22.8cm - 35.6cm      5.1cm - 15.2cm

<b>Electrical</b>	
509330	115V, 60Hz, 13.0 amps 20' (6m) power cord.
509340	230V, 60Hz, 6.5 amps 20' (6m) power cord.
509331	115V, 60Hz, 13.0 amps 20' (6m) power cord.
509350	115V, 60Hz, 13.0 amps 20' (6m) power cord.
509360	230V, 50/60Hz, 6.5 amps 20' (6m) powercord.

- 9EH-CIM Manual  
 9EH-CIA-VDS Manual or Automatic  
 9EH-CIA-RFS Manual or Automatic
- ☒ ☒ **509330** .....115V 20' (6m) power cord.
  - ☒ ☒ **509340** .....230V 20' (6m) power cord.
  - ☒ ☒ **509331** .....115V 20' (6m) power cord.
  - ☒ ☒ **509350** .....115V 20' (6m) power cord.
  - ☒ ☒ **509360** .....230V 20' (6m) power cord.



# 10E Series

## PRODUCT CHARACTERISTICS

Motor	1/2HP Split Phase
Maximum flow rate	80 GPM @ 5' 303 LPM @ 1.52m
Maximum Head	26' .....7.9m
Solids handling (dia.)	3/4" .....19mm
Liquid Temp. to	140°F .....60°C
Discharge	1 1/2" FNPT (38.1mm)
Housing	Epoxy coated cast iron
Relay Cover	Glass-filled nylon
Volute	ABS/Cast iron
Impeller	Vortex nylon
Shaft Seal	Carbon/Ceramic
Bearings	Upper and lower: Ball bearings

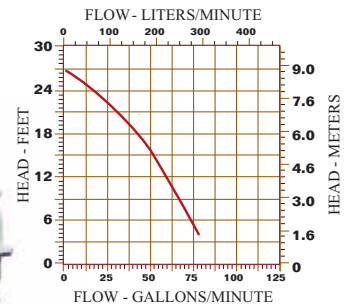
<b>Operation</b>	
10E-CIM	Manual
10E-CIA-VDS	Manual or Automatic
10E-CIA-RFS	Manual or Automatic

<b>Activator</b>	
10E-CIA-VDS	Piggyback diaphragm switch
	<b>Switch on</b> <b>Switch off</b>
	11" - 13"      1" - 3"
	27.9cm - 33cm      2.54cm - 7.62cm
10E-CIA-RFS	Piggyback mechanical float switch
	<b>Switch on</b> <b>Switch off</b>
	11" - 15"      5" - 9"
	27.9cm - 38.1cm      12.7cm - 22.8cm

<b>Electrical</b>	
511200	115V, 60Hz, 10.5 amps 15' (4.6m) power cord.
511225	115V, 60Hz, 10.5 amps 25' (7.6m) power cord.
511275	208-230V, 50/60Hz, 6.5 amps/5.4 amps 15' (4.6m) power cord.
511201	115V, 60Hz, 10.5 amps 15' (4.6m) power cord.
511300	115V, 60Hz, 10.5 amps 15' (4.6m) power cord.

- 10E-CIM Manual  
 10E-CIA-VDS Manual or Automatic  
 10E-CIA-RFS Manual or Automatic
- ☒ ☒ **511200** .....115V 15' (4.6m) power cord.
  - ☒ ☒ **511225** .....115V 25' (7.6m) power cord.
  - ☒ ☒ **511275** .....208-230V 15' (4.6m) power cord.
  - ☒ ☒ **511201** .....115V 15' (4.6m) power cord.
  - ☒ ☒ **511300** .....115V 15' (4.6m) power cord.

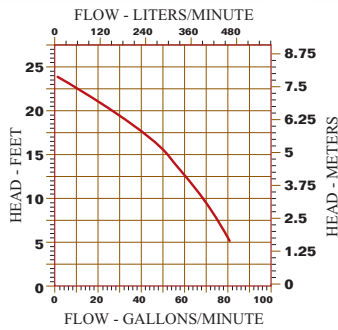
**Eliminator**  
**10E-CIA-RFS**



LittleGIANT  
 Pump Company



**Eliminator**  
**10E-CIA-SFS**



**10E-CIA-SFS** Automatic  
 Ⓛ Ⓜ **511350** .....115V 10' (3m) power cord.  
 Ⓛ Ⓜ **511355** .....115V 25' (7.6m) power cord.

**PRODUCT CHARACTERISTICS**

Motor	1/2HP Permanent Split Capacitor
Maximum flow rate	80 GPM @ 5' / 303 LPM @ 1.52m
Maximum Head	24' / 7.3m
Solids handling (dia.)	3/4" / 19mm
Liquid Temp. to	140°F / 60°C
Discharge	1 1/2" FNPT (38.1mm)
Housing	Epoxy coated cast iron
Cover	Polycarbonate
Volute	ABS/Cast iron
Impeller	Vortex Nylon
Shaft Seal	Carbon/Ceramic
Bearings	Upper and lower: Ball bearings
<b>Operation</b>	Automatic
<b>Activator</b>	Integral "Snap-Action" float switch

Switch on	Switch off
8" - 11"	2" - 5"
20.3cm - 27.9cm	5.1cm - 12.7cm

**Electrical**

511350	115V, 60Hz, 8.2 amps
	10' (3m) power cord.
511355	115V, 60Hz, 8.2 amps
	25' (7.6m) power cord.

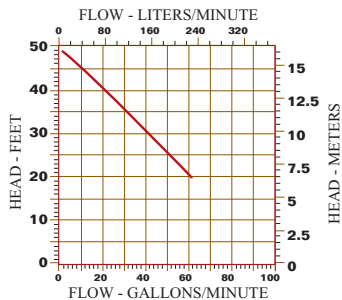
**14EH-16EH High Head Series**

**Features (14EH, 16EH)**

- Completely submersible
- Epoxy coated cast iron pump housing, volute and non-clog impeller
- 2" (51mm) FNPT discharge
- Thermal overload protection



**Eliminator**  
**14EH-CIM**



**14EH-CIM** Manual  
 Ⓛ Ⓜ **514220** .....115V 20' (6m) power cord.  
 Ⓛ **514221** .....208-230V 20' (6m) power cord.

**PRODUCT CHARACTERISTICS**

Motor	1/2HP Permanent Split Capacitor
Maximum flow rate	60 GPM @ 20' / 227 LPM @ 6m
Maximum Head	50' / 15.24m
Solids handling (dia.)	3/4" / 19mm
Liquid Temp. to	140°F / 60°C
Discharge	2" FNPT (51mm)
Housing	Epoxy coated cast iron
Cover	Epoxy coated cast iron
Volute	Epoxy coated cast iron
Impeller	Non-clog epoxy coated cast iron
Shaft Seal	Carbon/Ceramic
Bearings	Upper and Lower: Ball Bearings
<b>Operation</b>	Manual

**Electrical**

514220	115V, 60Hz, 12.5 amps
	20' (6m) power cord.
514221	208-230V, 60Hz, 5.7 amps
	20' (6m) power cord.





**Eliminator**  
**16EH-CIM**

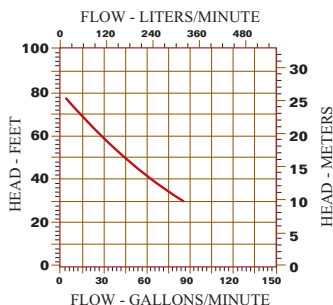
- 16EH-CIM** Manual
- ☎ ☎ **514520** .....230V 20' (6m) power cord w/out plug.
  - ☎ ☎ **514530** .....208-240V 20' (6m) power cord w/out plug. 3PH\*.
  - ☎ ☎ **514540** .....460/380V 20' (6m) power cord w/out plug. 3PH\*.
  - ☎ **514550** .....575V 20' (6m) power cord w/out plug. 3PH\*.

**PRODUCT CHARACTERISTICS**

Motor	1HP Permanent Split Capacitor on single phase
Maximum flow rate	90 GPM @ 30' 340 LPM @ 9.1m
Maximum Head	81' .....24.7m
Solids handling (dia.)	3/4" .....19mm
Liquid Temp. to	140°F .....60°C
Discharge	2" FNPT (51mm)
Housing	Epoxy coated cast iron
Cover	Epoxy coated cast iron
Volute	Epoxy coated cast iron
Impeller	Non-clog epoxy coated cast iron
Shaft Seal	Carbon/Ceramic
Bearings	Upper and Lower: Ball Bearings
Operation	Manual

**Electrical**

514520	230V, 60Hz, 10.2 amps, 1PH 20' (6m) power cord.
514530	208-240V, 60Hz, 6.6 amps, 3PH* 20' (6m) power cord.
514540	460V 50/60Hz, 3.2 amps, 3PH*/380V 50Hz, 2.6 amps, 3PH* 20' (6m) power cord.
514550	575V, 60Hz, 2.5 amps, 3PH* 20' (6m) power cord.



**MAGNUM SERIES EFFLUENT PUMPS**

**20E Series**

A powerful, heavy-duty effluent pump for waste water removal in commercial and residential applications. Rated for Continuous Duty.\*\* Thermal overload protection.



**Magnum**  
**20E-CIM**

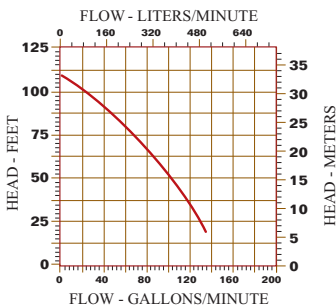
- 20E-CIM** Manual
- ☎ ☎ **520200** .....230V 20' (6m) power cord w/out plug.
  - ☎ ☎ **520225** .....200-208V 20' (6m) power cord. 3PH\* w/out plug.
  - ☎ ☎ **520250** .....230V 20' (6m) power cord. 3PH\* w/out plug.
  - ☎ ☎ **520275** .....460V 20' (6m) power cord. 3PH\* w/out plug.

**PRODUCT CHARACTERISTICS**

Motor	2HP Capacitor Start on Single Phase
Maximum flow rate	135 GPM @ 20' 511 LPM @ 6m
Maximum Head	110' .....33.5m
Solids handling (dia.)	3/4" .....19mm
Liquid Temp. to	140°F .....60°C
Discharge	2" FNPT (51mm)
Housing	Epoxy coated cast iron
Cover	Epoxy coated cast iron
Volute	Epoxy coated cast iron
Impeller	Brass
Shaft Seal	Carbon/Ceramic
Bearings	Upper and lower ball bearings
Operation	Manual

**Electrical**

520200	230V, 60 Hz, 16.4 amps, 1PH 20' (6m) power cord.
520225	200-208V, 60Hz, 13.1 amps, 3PH* 20' (6m) power cord.
520250	230V, 60Hz, 11.6 amps, 3PH* 20' (6m) power cord.
520275	460V, 60Hz, 5.7 amps, 3PH* 20' (6m) power cord.



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.  
 \*\*Little Giant wastewater pumps are rated continuous duty as long as they are run within the published ratings for those pumps.

# HIGH TEMPERATURE EFFLUENT PUMPS

High Temperature effluent pumps handle liquid and solid waste in temperatures up to 200°F (93°C) for applications such as boiler blowdown pits, plant washdown units, public utility underground transformer vaults and industrial steam cleaning units

Wastewater pumps

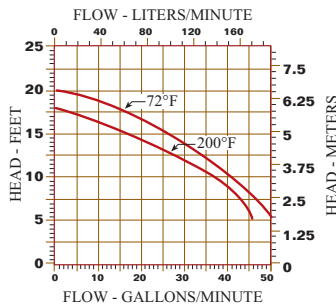
Condensate pumps

Submersible pumps

Magnetic drive pumps



**Eliminator**  
**HT-6E-CIA-FS**



**HT-6E-CIA-FS** Automatic  
 Ⓢ **506600** .....15' (4.6m) power cord.

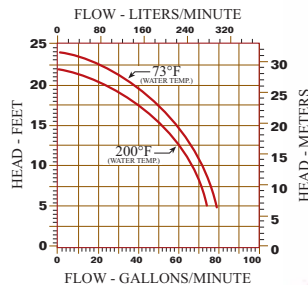
## PRODUCT CHARACTERISTICS

Motor	1/3HP Shaded Pole	
Maximum flow rate	50 GPM @ 5'	
	189 LPM @ 1.52m	
Maximum Head	20'	6.0m
Solids handling (dia.)	1/2"	12.7mm
Liquid Temp. to	200°F	93°C
Discharge	1 1/2" (38.1mm) FNPT	
Housing	Epoxy coated cast iron	
Cover	Epoxy coated cast iron	
Volute	Ryton®/Cast iron	
Impeller	Vortex nylon	
Shaft Seal	Carbon/Ni-Resist & Viton®	
Bearings	Upper and lower Sintered sleeve bearings	
<b>Operation</b>	Automatic	
<b>Activator</b>	Integral mercury float switch*	
	<b>Switch on</b>	<b>Switch off</b>
	10" - 12"	2" - 4"
	25.4cm - 30.4cm	5.1cm - 10.2cm
<b>Electrical</b>	506600 .....115V, 60Hz, 10.1 amps 15' (4.6m) power cord.	

**HT-10E-CIM** Manual  
 Ⓢ **511600** .....15' (4.6m) power cord.  
**HT-10E-CIA-FS** Automatic  
 Ⓢ **511700** .....15' (4.6m) power cord.

## PRODUCT CHARACTERISTICS

Motor	1/2HP Split Phase	
Maximum flow rate	80 GPM @ 5'	
	302 LPM @ 1.52m	
Maximum Head	24'	7.32m
Solids handling (dia.)	3/4"	19mm
Liquid Temp. to	200°F	93°C
Discharge	1 1/2" FNPT (38.1mm)	
Housing	Epoxy coated cast iron	
Relay Cover	Cast iron	
Volute	Nylon/Cast iron	
Impeller	Vortex nylon	
Shaft Seal	Carbon/Ni-Resist/Viton®	
Bearings	Upper and Lower: Ball bearings	
<b>Operation</b>	HT-10E-CIM .....Manual HT-10E-CIA-FS .....Automatic	
<b>Activator</b>	HT-10E-CIA-FS .....Integral mercury float switch*	
	<b>Switch on</b>	<b>Switch off</b>
	10" - 12"	2" - 4"
	25.4cm - 30.4cm	5.1cm - 10.2cm
<b>Electrical</b>	511600 .....115V, 60Hz, 10.5 amps 15' (4.6m) power cord. 511700 .....115V, 60Hz, 10.5 amps 15' (4.6m) power cord.	



**Eliminator**  
**HT-10E-CIA-FS**



**Little GIANT**  
Pump Company

[www.LittleGiant.com](http://www.LittleGiant.com)

When ordering, please specify Model and Catalog numbers.

# SEWAGE EJECTOR PUMPS

## Dominator® Wastewater and Sewage Pumps

The Dominator® submersible pump series from Little Giant is specifically engineered to handle the tough, demanding tasks of effluent and sewage waste transfer with high efficiency and long-term dependability.

For use in residential, commercial, industrial and agricultural applications with light to medium transfer demands. Applications include dewatering, effluent waste, wastewater and sewage handling where materials must be moved upward from a collection area to sewer or septic lines or drainage areas.

### Features (9S, 10S, 14S, 16S & 20S)

- Completely submersible
- Solids handling capability up to 2" (51mm)
- Cast iron pump housings and volutes with protective epoxy coating for corrosion and rust resistance
- Oil-filled motor housings for lifetime lubrication and rapid heat dissipation
- Mechanical-type seals (stainless steel spring, nitride parts, carbon and ceramic faces)
- Thermal overload protection

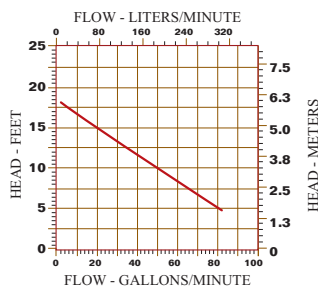
## 9 S Series



**Dominator**  
**9S-CIA-RFS**

<b>9S-CIM</b>	Manual
Ⓢ Ⓢ <b>509400</b> .....	115V 15' (4.6m) power cord.
<b>509450</b> .....	230V 15' (4.6m) power cord w/o plug.
<b>9S-CIA-VDS</b>	Manual or Automatic
Ⓢ Ⓢ <b>509401</b> .....	115V 15' (4.6m) power cord.
<b>9S-CIA-RFS</b>	Manual or Automatic
Ⓢ Ⓢ <b>509500</b> .....	115V 15' (4.6m) power cord.
Ⓢ Ⓢ <b>509510</b> .....	115V 15' (4.6m) power cord.
Ⓢ Ⓢ <b>509520</b> .....	115V 20' (6m) power cord.

### PRODUCT CHARACTERISTICS



Motor .....	4/10HP Shaded Pole
Maximum flow rate .....	.80 GPM @ 5' 303 LPM @ 1.52m
Maximum Head .....	18' ..... 5.5m
Solids handling (dia.) .....	2" ..... 51mm
Liquid Temp. to .....	140°F ..... 60°C
<b>Discharge</b>	
509400 .....	2" FNPT (51mm)
509450 .....	2" FNPT (51mm)
509401 .....	2" FNPT (51mm)
509500 .....	2" FNPT (51mm)
509510 .....	3" FNPT (76mm)
509520 .....	2" FNPT (51mm)
Housing .....	Epoxy coated cast iron
Volute .....	Epoxy coated cast iron
Impeller .....	Vortex nylon
Shaft Seal .....	Carbon/Ceramic
Bearings .....	Upper: Sintered sleeve bearings Lower: Ball bearing
<b>Operation</b>	
9S-CIM .....	Manual
9S-CIA-VDS .....	Manual or Automatic
9S-CIA-RFS .....	Manual or Automatic

<b>Activator</b>	
9S-CIA-VDS .....	Piggyback diaphragm switch
<b>Switch on</b>	<b>Switch off</b>
13" - 15"	3" - 5"
33cm - 38cm	7.6cm - 12.7cm
9S-CIA-RFS.....Piggyback mechanical float switch	
<b>Switch on</b>	<b>Switch off</b>
9" - 14"	2" - 6"
22.8cm - 35.6cm	5.1cm - 15.2cm
<b>Electrical</b>	
509400 .....	115V, 60Hz, 13 amps
509450 .....	15' (4.6m) power cord.
509401 .....	115V, 60Hz, 13 amps
509500 .....	15' (4.6m) power cord.
509510 .....	115V, 60Hz, 13 amps
509520 .....	15' (4.6m) power cord.
509520 .....	115V, 60Hz, 13 amps
	20' (6m) power cord.



# 10S Series

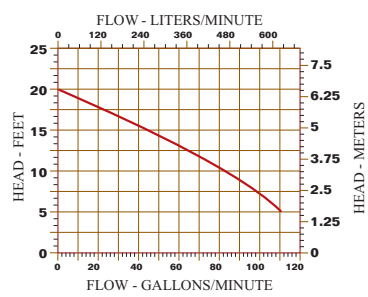
## PRODUCT CHARACTERISTICS

Motor	1/2HP Split Phase, relay start	
Maximum flow rate	110 GPM @ 5'	
	416 LPM @ 1.52m	
Maximum Head	20'	6m
Solids handling (dia.)	2"	51mm
Liquid Temp. to	140°F	60°C
<b>Discharge</b>		
511400	2" (51mm) FNPT	
511450	3" (76mm) FNPT	
511475	2" (51mm) FNPT	
511501	2" (51mm) FNPT	
511500	2" (51mm) FNPT	
511401	2" (51mm) FNPT	
Housing	Epoxy coated cast iron	
Relay Cover	Glass-filled nylon	
Volute	Epoxy coated cast iron	
Impeller	Nylon	
Bearings	Upper and lower ball bearings	
Shaft Seal	Carbon/Ceramic	
<b>Operation</b>		
10S-CIM	Manual	
10S-CIA-RFS	Manual or Automatic	
10S-CIA-VDS	Manual or Automatic	
<b>Activator</b>		
10S-CIM	Piggyback mechanical float switch	
	<b>Switch on</b>	<b>Switch off</b>
	9" - 14"	2" - 6"
	22.8cm - 35.6cm	5.1cm - 15.2cm
10S-CIA-VDS	Piggyback diaphragm switch	
	<b>Switch on</b>	<b>Switch off</b>
	13" - 15"	3" - 5"
	33cm - 38cm	7.6cm - 12.7cm
<b>Electrical</b>		
511400	115V, 60Hz, 12 amps	
	15' (4.6m) power cord.	
511450	115V, 60Hz, 12 amps	
	15' (4.6m) power cord.	
511475	208-230V, 50/60Hz, 5.8/6.6 amps	
	15' (4.6m) power cord.	
511501	127V, 60Hz, 12 amps	
	15' (4.6m) power cord.	
511500	115V, 60Hz, 12 amps	
	15' (4.6m) power cord.	
511401	115V, 60Hz, 12 amps	
	15' (4.6m) power cord.	

<b>10S-CIM</b>	Manual
UL Ⓢ <b>511400</b>	115V 15' power cord.
UL Ⓢ <b>511450</b>	115V 15' power cord.
UL Ⓢ <b>511475</b>	208-230V 15' power cord.
<b>511501</b>	127V 15' (4.6m) power cord.
<b>10S-CIA-VDS</b>	Manual or Automatic
UL Ⓢ <b>511401</b>	115V 15' (4.6m) power cord.
<b>10S-CIA-RFS</b>	Manual or Automatic
UL Ⓢ <b>511500</b>	115V 15' (4.6m) power cord.



**Dominator**  
**10S-CIA-RFS**



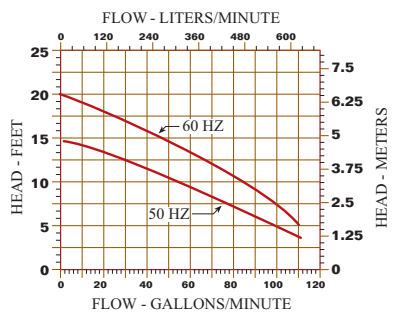
<b>10S-CIA-SFS</b>	Automatic
UL Ⓢ <b>511550</b>	115V 10' (3m) power cord.
UL Ⓢ <b>511555</b>	115V 25' (7.6m) power cord.
UL Ⓢ <b>511565</b>	230V 25' (7.6m) power cord.

## PRODUCT CHARACTERISTICS

Motor	1/2HP Permanent Split Capacitor	
Maximum flow rate	110 GPM @ 5'	
	416 LPM @ 1.52m	
Maximum Head	20'	6m
Solids handling (dia.)	2"	51mm
Liquid Temp. to	140°F	60°C
Discharge	2" FNPT (51mm)	
Housing	Epoxy coated cast iron	
Cover	Polycarbonate	
Volute	Epoxy coated cast iron	
Impeller	Vortex glass-filled nylon	
Shaft Seal	Carbon/Ceramic	
Bearings	Upper and lower ball bearings	
<b>Operation</b> .....Automatic		
<b>Activator</b>	"Snap-Action" float switch	
	<b>Switch on</b>	<b>Switch off</b>
	11" - 14"	5" - 8"
	27.9cm - 35.6cm	12.7cm - 20.3cm
<b>Electrical</b>		
511550	115V, 60Hz, 9.2 amps	
	10' (3m) power cord.	
511555	115V, 60Hz, 9.2 amps	
	25' (7.6m) power cord.	
511565	230V, 50/60Hz, 4.1/4.6 amps	
	25' (7.6m) power cord.	



**Dominator**  
**10S-CIA-SFS**



# 10SH Series

High Head Models (1 1/4" solids handling)

## PRODUCT CHARACTERISTICS

Motor	1/2HP Split Phase	
Maximum flow rate	120 GPM @ 5'	
	454 LPM @ 1.52m	
Maximum Head	28'	8.4m
Solids handling (dia.)	1 1/4"	31.7mm
Liquid Temp. to	140°F	60°C
Discharge	2" FNPT (51mm)	
Housing	Epoxy coated cast iron	
Relay Cover	Glass-filled nylon	
Volute	Epoxy coated cast iron	
Impeller	Glass-filled nylon	
Shaft Seal	Carbon/Ceramic	
Bearings	Upper and lower ball bearings	

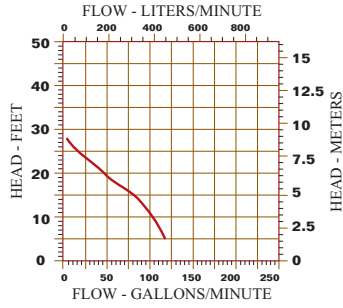
<b>Operation</b>		
10SH-CIM	Manual	
10SH-CIA-VDS	Automatic	
10SH-CIA-RFS	Manual or Automatic	

<b>Activator</b>		
10SH-CIA-VDS	Piggyback mechanical float switch	
<b>Switch on</b>		
12" - 14"	2" - 4"	
30.4cm - 35.6cm	5.1cm - 10.1cm	
10SH-CIA-RFS	Piggyback mechanical float switch	
<b>Switch on</b>		
9" - 14"	2" - 6"	
22.8cm - 35.6cm	5.1cm - 15.2cm	

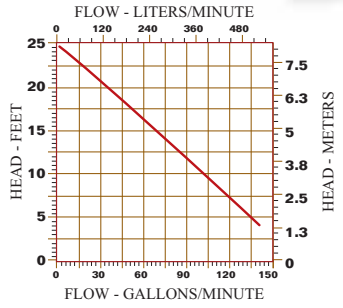
<b>Electrical</b>		
511420	115V, 60Hz, 11 amps	
	15' (4.6m) power cord.	
511480	208-230V, 50/60Hz, 6.7/5.5 amps	
	15' (4.6m) power cord.	
511421	115V, 60Hz, 11 amps	
	15' (4.6m) power cord.	
511520	115V, 60Hz, 11 amps	
	15' (4.6m) power cord.	
511525	115V, 60Hz, 11 amps	
	25' (7.6m) power cord.	

- 10SH-CIM** Manual
  - UL Ⓢ **511420** .....115V 15' (4.6m) power cord.
  - UL Ⓢ **511480** .....208-240V 15' (4.6m) power cord.
- 10SH-CIA-VDS** Manual or Automatic
  - UL Ⓢ **511421** .....115V 15' (4.6m) power cord.
- 10SH-CIA-RFS** Manual or Automatic
  - UL Ⓢ **511520** .....115V 15' (4.6m) power cord.
  - UL Ⓢ **511525** .....115V 25' (7.6m) power cord.

**Dominator**  
**10SH-CIM**



**Dominator**  
**14S-CIM**



- 14S-CIM** Manual
  - UL Ⓢ **514320** .....115V 20' (6m) power cord.
  - UL **514321** .....208-240V 20' (6m) power cord.
  - UL Ⓢ **514420** .....115V 20' (6m) power cord.

## PRODUCT CHARACTERISTICS

Motor	1/2HP Permanent Split Capacitor	
Maximum flow rate	100 GPM @10'	
	379 LPM @ 3m	
Maximum Head	25'	7.6m
Solids handling (dia.)	2"	51mm
Liquid Temp. to	140°F	60°C

<b>Discharge</b>		
514320	2" (51mm) FNPT	
514321	2" (51mm) FNPT	
514420	3" (76mm) FNPT	
Housing	Epoxy coated cast iron	
Cover	Epoxy coated cast iron	
Volute	Epoxy coated cast iron	
Impeller	Two vane non-clog, epoxy coated cast iron	
Shaft Seal	Carbon/Ceramic	
Bearings	Upper and lower ball bearings	

<b>Operation</b>		
Manual		
<b>Electrical</b>		
514320	115V, 60Hz, 11.6 amps	
	20' (6m) power cord.	
514321	208-240V, 60Hz, 4.6 amps	
	20' (6m) power cord.	
514420	115V, 60Hz, 11.6 amps	
	20' (6m) power cord.	



When ordering, please specify Model and Catalog numbers.

www.LittleGiantPump.com

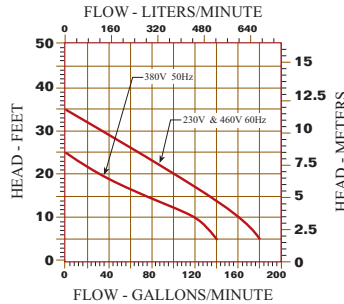
Wastewater pumps  
Condensate pumps  
Submersible pumps  
Magnetic drive pumps

## PRODUCT CHARACTERISTICS

Motor	1HP Permanent Split Capacitor Single Phase
Maximum flow rate	160 GPM @ 10' 606 LPM @ 3m
Maximum Head	35' .....10.7m
Solids handling (dia.)	2" .....51mm
Liquid Temp. to	140°F .....60°C
Discharge	3" (76mm) FNPT
Housing	Epoxy coated cast iron
Cover	Epoxy coated cast iron
Volute	Epoxy coated cast iron
Impeller	Two vane, non-clog, epoxy coated cast iron
Shaft Seal	Carbon/Ceramic
Bearings	Upper and lower ball bearings
Operation	Manual
<b>Electrical</b>	
514620	230V, 60Hz, 11 amps 20' (6m) power cord.
514625	200-208V, 60Hz, 11 amps 20' (6m) power cord.
514630	230V, 60Hz, 11 amps 40' power cord.
514720	230V, 60Hz, 6.3 amps, 3PH* 20' (6m) power cord.
514730	460V, 60Hz (380V/50Hz), 3 amps, 3PH* 20' (6m) power cord.
514740	575V, 60Hz, 2.5 amps, 3PH* 20' (6m) power cord.
514750	200-208V, 60Hz, 6.8 amps, 3PH* 20' (6m) power cord.

16S-CIM	Manual
UL Ⓢ 514620	230V 20' (6m) power cord.
UL Ⓢ 514625	200-208V 20' (6m) power cord.
UL Ⓢ 514630	230V 40' power cord.
UL Ⓢ 514720	230V 3PH* 20' (6m) power cord.
UL Ⓢ 514730	460V/60Hz (380V/50Hz) 3PH* 20' (6m) power cord.
Ⓢ 514740	575V 3PH* 20' (6m) power cord.
UL Ⓢ 514750	200-208V 3PH* 20' (6m) power cord.

### Dominator 16S-CIM

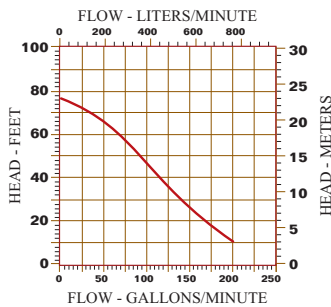


## MAGNUM SERIES SEWAGE PUMPS

### 20S Series

Little Giant Pump Company's 2 HP "Magnum Series" are powerful, heavy-duty sewage pumps for commercial and residential applications. Rated for Continuous Duty.\*\* Thermal overload protection.

### Magnum 20S-CIM



20S-CIM	Manual
UL Ⓢ 520100	208-230V 20' (6m) power cord.
UL Ⓢ 520125	200-208V 20' (6m) power cord 3PH*.
UL Ⓢ 520150	230V 20' (6m) power cord 3PH*.
UL Ⓢ 520175	460V 20' (6m) power cord 3PH*.

## PRODUCT CHARACTERISTICS

Motor	2HP Permanent Split Capacitor on single phase
Maximum flow rate	205 GPM @ 10' 776 LPM @ 3m
Maximum Head	77' .....23.5m
Solids handling (dia.)	2" .....51mm
Liquid Temp. to	140°F .....60°C
Discharge	3" FNPT 76mm
Housing	Epoxy coated cast iron
Cover	Epoxy coated cast iron
Volute	Epoxy coated cast iron
Impeller	Brass
Shaft Seal	Carbon/Ceramic
Bearings	Upper and lower ball bearings
Operation	Manual
<b>Electrical</b>	
520100	208-230V, 60 Hz, 18 amps 20' (6m) power cord.
520125	200-208V, 60Hz, 14.5 amps, 3PH* 20' (6m) power cord.
520150	230V, 60 Hz, 12.6 amps, 3PH* 20' (6m) power cord.
520175	460V, 60 Hz, 6.1 amps, 3PH* 20' (6m) power cord.

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.

\*\* Little Giant wastewater pumps are rated continuous duty as long as they are run within the published ratings for those pumps.



## SIMPLEX PACKAGES

For collection of sewage, effluent, drainage and seepage water. Suitable for homes, farms, light commercial and industrial use.

All Simplex Packages feature a 4/10 HP or 1/2 HP Sewage Ejector Pump or a 4/10 HP Effluent Pump. Package includes Basin/Cover Assembly and full flow check valve (except for 3" discharge model of the 9S-SMPXRT). SMPXRT also includes a 30" Schedule 80 PVC discharge nipple. SMPXRTA models include a High Water Alarm.

### Sample Model - 9S-SMPX BS1830CS2V2D-B

9S	SMPX	BS	1830	CS	2V2D	B
<b>Model</b>	<b>Style</b>	<b>Hub Style</b>	<b>Size of Basin</b>	<b>Cover Style</b>	<b>Vent Diameter &amp; Discharge Diameter in Inches</b>	<b>Special</b>
9S 9E 10S	SMPX SMXC SMPXRT SMPXRTA-K	BB-Bolt-On Cast Iron BS-Snap-In Vinyl	18" x 30" 24" x 36" 30" x 36" 36" x 36"	CS - Simplex CD - Duplex	2V2D 2V3D 3V2D 3V3D	B = Polyethylene basins K = Ak Ind. Basin LG = Little Giant Pit Plus Basin

## PACKAGE SEWAGE SYSTEMS



Simplex Package  
9 S - S M P X

Simplex Packages  
9 S - S M P X R T - K  
1 0 S - S M P X R T - K

Simplex Package  
9 S - S M P X - B

Piping not included

When ordering, please specify Model and Catalog numbers.

Little GIANT Pump Company

www.LittleGiantPump.com

## Pit+Plus® Sewage Basin Assemblies:

The Little Giant Pit+Plus® comes equipped with a 4/10 HP 9S Series or a 1/2 HP 10S Series wastewater and sewage ejector pump.

The systems are available pre-packaged or pre-assembled with structural foam 1-piece or 2-piece covers with slip-fit or bolt-on vent and discharge fittings.

Pre-packaged and pre-assembled models are available with indoor or indoor/outdoor alarms with the alarm float preset at factory on pre-assembled units. In addition to a standard check valve, a check/ball valve combination is available on selected models.

**Pit+Plus®**  
**9S-SMPK-LG1A**



### PRE-PACKAGED

Item Number	Slip-Fit Hubs	Bolt-On Hubs	Bolt-On Hubs 2-Piece Covers	Model Number	Pump Included	Discharge Pipe	Check Valve	Alarm Options
509088	509106		509010	9S-SMPX-LG	9S-CIA-RFS	2"	2" Ball/Check	
509090	509108		509011	9S-SMPX-LG	9S-CIA-RFS	2"	2" Check	
509092	509110		509012	9S-SMPX-LG	9S-CIA-RFS	3"	N/A	
509094	509112		509013	9S-SMPX-LG	9S-CIA-RFS	3"	3" Check	
509096	509114		509014	9S-SMPX-LG1A	9S-CIA-RFS	2"	2" Check	Indoor High Water Alarm
509098	509116		509015	9S-SMPX-LG3A	9S-CIA-RFS	2"	2" Check	Indoor/Outdoor High Water Alarm
511069	511135		511020	10S-SMPX-LG	10S-CIA-RFS	2"	2" Check	
511071	511137		511021	10S-SMPX-LG1A	10S-CIA-RFS	2"	2" Check	Indoor High Water Alarm
511073	511139		511022	10S-SMPX-LG3A	10S-CIA-RFS	2"	2" Check	Indoor/Outdoor High Water Alarm

### PRE-ASSEMBLED

Item Number	Slip-Fit Hubs	Bolt-On Hubs	Bolt-On Hubs 2-Piece Covers	Model Number	Pump Included	Discharge Pipe	Check Valve	Alarm Options
509089	509107		509016	9S-SMPX-LG	9S-CIA-RFS	2"	2" Ball/Check	
509091	509109		509017	9S-SMPX-LG	9S-CIA-RFS	2"	2" Check	
509093	509111		509018	9S-SMPX-LG	9S-CIA-RFS	3"	N/A	
509095	509113		509019	9S-SMPX-LG	9S-CIA-RFS	3"	3" Check	
509097	509115		509020	9S-SMPX-LG1A	9S-CIA-RFS	2"	2" Check	Indoor High Water Alarm
509101	-		-	9S-SMPX-LG1A	9S-CIA-RFS	2"	2" Ball/Check	Indoor High Water Alarm
509099	509117		509021	9S-SMPX-LG3A	9S-CIA-RFS	2"	2" Check	Indoor/Outdoor High Water Alarm
511070	511136		511023	10S-SMPX-LG	10S-CIA-RFS	2"	2" Check	
511072	511138		511024	10S-SMPX-LG1A	10S-CIA-RFS	2"	2" Check	Indoor High Water Alarm
511074	511140		511023	10S-SMPX-LG3A	10S-CIA-RFS	2"	2" Check	Indoor/Outdoor High Water Alarm

### BASIN/COVER ASSEMBLIES

Item Number	Model Number	Cover Detail
513244	BS1830CSLG	Slip-Fit 2V2D, 2V3D, 3V3D
513245	BS1830CSLG	Bolt-on 2V2D
513340	BC2030CSLG	Bolt-on 2V3D, 1-Piece
513341	BC2030CSLG	Bolt-on 3V2D, 1-Piece
513342	BC2030CSLG	Bolt-on 3V3D, 1-Piece
513343	BC2030CSLG	Bolt-on 2V2D, 2-Piece
513344	BC2030CSLG	Bolt-on 2V3D, 2-Piece
513345	BC2030CSLG	Bolt-on 3V2D, 2-Piece
513346	BC2030CSLG	Bolt-on 3V3D, 2-Piece
513246	BC2030CSLG	Steel Cover, 2V2D, (IAPMO)

**Little GIANT**  
Pump Company

## Simplex Package with Roll Top Polyethylene Basin and Structural Foam Cover

### Features

- Handles liquids and solid waste materials
- 18" x 30" polyethylene basin with structural foam one-piece cover
- Sturdy roll-top design
- Cover can be used as 2" vent/3" discharge, 3" vent/2" discharge, and 2" vent/ 2" discharge
- 4/10HP or 1/2HP Automatic Sewage Ejector
- Full flow PVC check valve on 2" (51mm) discharge models
- Snap-in adaptaflex for PVC inlet pipe
- Multi-Tite® inserts for cast iron inlet pipe
- Molded inserts on bottom of basin to locate and secure pump
- HWAB High Water Alarm available on specific models
- Available pre-packaged or pre-assembled

### Pre-Packaged

Model Number	Item Number	Discharge Size	Description	UPC	Weight(lbs)	Master Qty
9S-SMPXRT-K††	509072	2"	BS1830CSRT-K	0 10121 09072 9	63	1
9S-SMPXRT-K	509074	2"	BS1830CSRT-K	0 10121 09074 3	63	1
9S-SMPXRT-K	509076	3"	BS1830CSRT-K	0 10121 09076 7	63	1
9S-SMPXRT-K†	509078	3"	BS1830CSRT-K	0 10121 09078 1	80	1
10S-SMPXRT-K	511065	2"	BS1830CSRT-K	0 10121 11065 6	71	1

### Pre-Assembled

Model Number	Item Number	Discharge Size	Description	UPC	Weight(lbs)	Master Qty
9S-SMPXRT-K††	509071	2"	BS1830CSRT-K	0 10121 09071 6	63	1
9S-SMPXRT-K	509073	2"	BS1830CSRT-K	0 10121 09073 6	63	1
9S-SMPXRT-K	509075	3"	BS1830CSRT-K	0 10121 09075 0	63	1
9S-SMPXRT-K†	509077	3"	BS1830CSRT-K	0 10121 09077 4	80	1
9S-SMPXRTA-K†††	509079	2"	BS1830CSRT	0 10121 09079 8	69	1
10S-SMPXRTA-K†††	511079	2"	BS1830CSRT-K	0 10121 11079 3	77	1
10S-SMPXRT-K	511064	2"	BS1830CSRT-K	0 10121 11064 9	71	1

## Simplex Packages with Structural Foam Polyethylene Basins and Steel Covers

Model Number	Item Number	Description	UPC	Weight(lbs)	Master Qty
9S-SMPX	509029	BS1830CS2V3D	0 10121 09029 3	55.2	1
9S-SMPX	509030	BB1830CS2V3D	0 10121 09030 9	61.7	1
9E-SMPX	509041	BS1830CS2V2D*	0 10121 09041 5	53	1
9S-SMPX	509042	BS1830CS2V2D*	0 10121 09042 2	65	1
9S-SMPX	509044	BS1830CS2V2D	0 10121 09044 6	60	1
9S-SMPX	509045	BB1830CS2V2D	0 10121 09045 3	69	1
9S-SMPX	509047	BB1830CS3V2D	0 10121 09047 7	67.37	1
9S-SMPX	509048	BS1830CS3V3D	0 10121 09048 4	55.2	1
Model Number	Item Number	Description	UPC	Weight(lbs)	Master Qty
10S-SMPX	511042	BS1830CS2V2D*	0 10121 11042 7	76	1
10S-SMPX	511044	BS1830CS2V2D	0 10121 11044 1	68	1
10S-SMPX	511045	BB1830CS2V2D	0 10121 11045 8	74	1
10S-SMPX	511046	BS1830CS3V2D	0 10121 11046 5	68	1
10S-SMPX	511047	BB1830CS3V2D	0 10121 11047 2	74	1
10S-SMPX	511048	BS1830CS3V3D	0 10121 11048 9	67.1	1
10S-SMPX	511050	BS1830CS2V3D	0 10121 11050 2	67.1	1
10S-SMPX	511051	BB1830CS2V3D	0 10121 11051 9	73.7	1
10S-SMPX †	511052	BS1830CS3V3D	0 10121 11052 6	67.1	1
10S-SMPX	511053	BB1830CS3V3D	0 10121 11053 3	73.7	1
10S-SMPX	511054	BS1830CS2V3D	0 10121 11054 0	67.1	1
10S-SMPX	511055	BB1830CS2V3D	0 10121 11055 7	67.1	1

## Simplex Packages with Molded Polyethylene Basins and Steel Covers

Model Number	Item Number	Description	UPC	Weight(lbs)	Master Qty
9S-SMPX-B	509023	BS1830CS3V2D-B **	0 10121 09023 1	57	1
9S-SMPX-B	509024	BB1830CS3V2D-B**	0 10121 09024 8	68	1
9S-SMPX-B	509025	BS1830CS2V2D-B**	0 10121 09025 5	70	1
9S-SMPX-B	509026	BB1830CS2V2D-B**	0 10121 09026 2	68	1
9S-SMPX-B	509027	BS1830CS2V3D-B	0 10121 09027 9	55.2	1
9S-SMPX-B	509028	BB1830CS2V3D-B	0 10121 09028 6	61.7	1
9E-SMPX-B	509031	BS1830CS2V2D-B*	0 10121 09031 6	52.1	1
9S-SMPX-B	509032	BS1830CS2V2D-B*	0 10121 09032 3	55.1	1
9S-SMPX-B	509033	BB1830CS2V3D-B**	0 10121 09033 0	68	1
9S-SMPX-B	509034	BS1830CS2V2D-B	0 10121 09034 7	59	1
9S-SMPX-B	509035	BB1830CS2V2D-B	0 10121 09035 4	67	1
9S-SMPX-B	509036	BS1830CS3V2D-B	0 10121 09036 1	55.3	1
9S-SMPX-B	509037	BB1830CS3V2D-B	0 10121 09037 8	61.7	1
9S-SMPX-B	509038	BS1830CS3V3D-B	0 10121 09038 5	55.2	1
9S-SMPX-B	509039	BB1830CS3V3D-B	0 10121 09039 2	61.7	1

\* Indicates no hub hole \*\* Indicates one-piece cover † Includes 3" check valve

†† Includes 2" check/ball valve ††† Includes HWAB Alarm

When ordering, please specify Model and Catalog numbers.

www.LittleGiantPump.com

## Simplex Packages with Molded Polyethylene Basins and Steel Covers (cont.)

Model Number	Item Number	Description	UPC	Weight(lbs)	Master Qty
10S-SMPX-B	511034	BS1830CS2V2D-B	0 10121 11034 2	67.1	1
10S-SMPX-B	511035	BB1830CS2V2D-B	0 10121 11035 9	73.5	1
10S-SMPX-B	511038	BS1830CS3V3D-B	0 10121 11038 0	67.1	1
10S-SMPX-B	511040	BS1830CS2V3D-B	0 10121 11040 3	67.1	1
10S-SMPX-B	511056	BS1830CS2V3D-B	0 10121 11056 4	73.5	1
10S-SMPX-B	511057	BB1830CS2V3D-B	0 10121 11057 1	73.5	1
10S-SMPX-B	511058	BS1830CS2V2D-B**	0 10121 11058 8	73.5	1
10S-SMPX-B	511059	BB1830CS2V2D-B**	0 10121 11059 5	73.5	1
10S-SMPX-B	511060	BS1830CS3V2D-B**	0 10121 11060 1	73.5	1
10S-SMPX-B	511061	BB1830CS3V2D-B**	0 10121 11061 8	73.5	1
10S-SMPX-B	511062	BS1830CS2V2D-B (SFS)**	0 10121 11062 5	73.5	1
10S-SMPX-B	511063	BB1830CS2V2D-B (SFS)**	0 10121 11063 2	73.5	1

## Simplex Packages with Molded Fiberglass Basins

Model Number	Item Number	Description	UPC	Weight(lbs)	Master Qty
9S-SMPX-K	509129	BB1830CS2V3D-K**	0 10121 09129 0	80	1
9S-SMPX-K	509130	BB1830CS3V2D-K**	0 10121 09130 6	80	1
10S-SMPX-K	511131	BB1830CS2V2D-K**	0 10121 11131 8	92	1
10S-SMPX-K	511132	BB1830CS3V2D-K**	0 10121 11132 5	92	1
10S-SMPX-K	511133	BB1830CS2V2D-K (SFS)**	0 10121 11133 2	92	1
10S-SMPX-K	511134	BB1830CS3V2D-K (SFS)**	0 10121 11134 9	92	1

## Simplex/Duplex Basin/Cover Assemblies



**BS1830CS2V2D-B**

Simplex Molded Polyethylene



**BB2436CS2V2D**

Duplex Structural Foam



**BS1830CS2V2D**

Simplex Structural Foam

ItemNumber	Model Number	ItemNumber	Model Number	ItemNumber	Model Number	ItemNumber	Model Number
513200	BS1830CS2V2D-B*	513129	BB2436CD2V2D	513100	BS1830CS2V2D*	513123	BS1830CS3V3D
513201	BS1830CS2V2D-B	513130	BB2436CD3V2D	513101	BS1830CS2V2D	513105	BB2436CS2V2D
513202	BS1830CS3V2D-B	513148	BB3036CD2V2D	513102	BS1830CS3V2D	513106	BB2436CS3V2D
513203	BB1830CS2V2D-B	513149	BB3036CD3V2D	513103	BB1830CS2V2D	513107	BB2436CS2V3D
513204	BB1830CS3V2D-B	513150	BB3036CD2V3D	513104	BB1830CS3V2D	513108	BB2436CS3V3D
513220	BB1830CS2V3D-B	513151	BB3036CD3V3D	513119	BS1830CS2V2D**	513144	BB3036CS2V2D
513221	BB1830CS3V3D-B			513120	BB1830CS2V3D	513145	BB3036CS3V2D
513223	BS1830CS3V3D-B			513121	BB1830CS3V3D	513146	BB3036CS2V3D
513240	BS1830CSRT-K**			513122	BS1830CS2V3D	513147	BB3036CS3V3D
513241	BS1830CSRTNH-K**						



**BB1830CSV2D-K**

Simplex Fiberglass



**BB3036CD2V2D**

Duplex Fiberglass

ItemNumber	Model Number	ItemNumber	Model Number
513127	BB1830CS2V2D-K	513117	BB3636CD3V2D
513128	BB1830CS3V2D-K	513118	BB3636CD3V3D
		513125	BB3636CD2V2D
		513126	BB3636CD2V3D



Sewage basin assemblies are available in many variations. For a complete list of basins and parts, refer to the Commercial/Industrial Products List Price Book, form #995001.

**Consult Factory for special order Basins and Covers**

\* Indicates no hub hole \*\* Indicates one-piece cover  
 † Includes 3" check valve

## SDS-9 and SDS-10 Utility Toilet Systems

Little Giant Pump Company Utility Toilet Systems provide a way to add a sewage disposal system (SDS) in an existing home as a built-in or free-standing installation. The SDS-9 includes the 9S-CIM (Item #509400, page 22), a 4/10 HP sewage pump, while the SDS-10 includes the 10S-CIM (Item #511400, page 22), a 1/2 HP sewage pump, both of which are activated and deactivated by a vertical mechanical float switch. Ideal for installation in basements and room additions.

### Accommodates toilets, lavatories, bathtubs, showers, or vanities

- Designed to accept many toilet styles and sizes
- Perfect for basements and room additions
- Reduces construction expenses - no need to destroy existing concrete floors
- Easy installation
- Capable of passing 2" (51mm) diameter solids
- 2" (51mm) check valve
- Polyethylene tank and lid with adaptaflex seals for a 2" (51mm) discharge and 3" (76mm) vent and vertical mechanical float switch
- Includes 30" length of 2" PVC pipe



### Utility Toilet systems

**SDS-9**  
**509750**  
**SDS-10**  
**511750**

**The Jackpot**

## SEWAGE GRINDER PUMPS GP SERIES GRINDER PUMP

The GP Series incorporates a heavy-duty, capacitor start, capacitor run motor in this robust, centrifugal grinder pump. The motor features upper and lower single row ball bearings, with a short shaft design that minimizes shaft deflection, improves grinding and helps to maintain the sharpness of the cutters. The efficient motor is non-overloading at any point on the performance curve, and produces lower amp draw (13.9 FLA). The GP grinder pump will operate from 10' to 120' total dynamic head and pump up to 32 gallons per minute, making it ideal for residential and light commercial applications where "high head" conditions exist. The GP grinder pump is UL listed and CSA approved.



### Features

- Compact and light package, only 75 pounds
- Non-overloading design
- Externally mounted start components\*
- Mechanical seal: Carbon/ceramic
- Deflection resistant, short motor shaft
- Corrosion resistant brass impeller minimizes downtime and maintenance
- Seven-vane, angled face, non-clogging, balanced impeller
- Tight cutting clearances for better cutting action
- Epoxy coated finish for corrosion resistance and durability
- Built-in overload protection prevents over-current and over-temperature damage

**GP-M231-15-H130** Manual  
**UL** **520865** .....230V 15' power cord w/o plug.

### PRODUCT CHARACTERISTICS

Horsepower	.....2HP
Maximum flow rate	.....32 GPM .....121LPM
Maximum Head	.....130' .....40.5m
Liquid Temp.	.....140°
Motor Type	.....Single phase, capacitor start/capacitor run
Discharge	.....1 1/4" FNPT (31.7mm)
Housing	.....Epoxy-coated cast iron
Cover	.....Epoxy-coated cast iron
Base (Volute)	.....Epoxy-coated cast iron
Impeller	.....Brass

Shaft Seal	.....Carbon & ceramic
Bearings	.....Heavy duty continuously lubricated upper and lower ball bearings
Cutter System	.....Hardened Stainless Steel
<b>Operation</b>	
GP	.....Manual
<b>Electrical</b>	
520865	.....230V, 60HZ, 13.9A, 15' power cord, no plug

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

# MAGNUM SERIES MODEL 20G & 20GH 2HP RESIDENTIAL GRINDER

## Powerful, Submersible, 2 Horsepower Residential Sewage Grinder Pump

Engineered for maximum reliability and efficiency, the “Magnum” Grinder Series 20G and 20GH have an exclusive cutter assembly that cuts sewage and stringy materials into tiny particles, reducing roping and clogging that may occur in other pumps, thereby producing a fine slurry that passes easily through the system. Compared to standard sewage pumps, this allows use of smaller diameter discharge pipes, smaller pumps and less electricity, which reduces installation and operating costs.

Because the 20G and 20GH do not need to pass large solids, they can efficiently pump a greater distance in terms of the total dynamic head (TDH), a combination of the static (vertical) lift and the horizontal run of discharge piping that the pump can accommodate, while maintaining the necessary flow rate to scour the discharge pipe to prevent clogging.

The 20G-CIM and 20GH-CIM require a specific control panel or capacitor kit from Little Giant Pump Company specifically matched to the pump for proper operation and 3rd party approvals.

All grinder orders require completion of an application form to insure proper pump specification.

### Features

- Powerful 2HP, 3450 RPM, capacitor start, capacitor run, thermally protected motor to handle the demands of grinding domestic sewage.
- Oil-filled motor features upper and lower ball bearings, permanently lubricated, for years of smooth, dependable operation.
- Rugged cast-iron motor housing and volute are epoxy coated for corrosion resistance and durability.
- Stainless steel cutter assembly designed to reduce solids to a slurry, for pumping through smaller diameter pipe than other types of systems.
- 20G maximum head 55 feet.
- 20GH maximum head 110 feet.
- Maximum flow 65 GPM.
- Available in 208 or 230 volts, single phase.
- Heavy duty power cord.
- Pumps and controls are UL listed and CSA Approved.
- Every unit is thoroughly tested before it ships from Little Giant Pump Company.
- Complete, easy to install package systems available for ease of specifying and ordering.

### Magnum 20G-CIM



<b>20G-CIM</b>	Manual
UL Ⓢ <b>520525</b> .....	208V 15' power cord w/o plug.
<b>20G-CIA-RFS</b>	Manual or Automatic
UL Ⓢ <b>520509</b> .....	230V 20' power cord w/o plug.
UL Ⓢ <b>520535</b> .....	208V 20' power cord w/o
<b>20GH-RFK</b>	Manual or Automatic
<b>520650</b> .....	230V 15' (4.6m) power cord

### PRODUCT CHARACTERISTICS

Horsepower .....	2HP
Maximum flow rate .....	58 GPM .....246LPM
Maximum Head.....	55' .....16.8m
Liquid Temp. ....	140°
Motor Type .....	Oil filled, single phase, capacitor start/capacitor run
Discharge .....	1 1/4" FNPT (31.7mm)
Housing .....	Epoxy-coated cast iron
Cover (all except 520650).....	Epoxy-coated cast iron
520650 .....	Cover Epoxy coated steel
Base (Volute) .....	Epoxy-coated cast iron
Impeller.....	Bronze Vortex
Shaft Seal .....	Carbon & ceramic
Bearings .....	Heavy duty continuously oil lubricated upper and lower ball bearings
Cutter System .....	Hardened Stainless Steel

### Operation

20G-CIM .....	Manual
20G-CIA-RFS .....	Manual or Automatic
20GH-RFK .....	Automatic

### Activator

20G-CIA-RFS .....	Piggyback mechanical float switch
-------------------	-----------------------------------

<b>Switch on</b>	<b>Switch off</b>
------------------	-------------------

9" - 14"	2" - 6"
----------	---------

22.8cm - 35.6cm	5.1cm - 15.2cm
-----------------	----------------

20GH-RFK .....	Mechanical Float Switch
----------------	-------------------------

### Electrical

520525 .....	208V, 60HZ, 13.5A, 15' power cord
520510 .....	230V, 60HZ, 12A, 20' power cord
520535 .....	208V, 60HZ, 13.5A, 20' power cord
520650 .....	230V, 60HZ, 12/3 SOW-a/SOW 15' power cord



### Magnum 20GH-RFK

The 20GH-RFK is a direct simplex replacement grinder kit for positive displacement grinder units. The kit includes: a 20GH grinder, a mechanical float and adjustable alarm float switch for automatic operation, 1 1/4" galvanized piping with a 1 1/4" anti-siphon/check valve, and a junction box mounted on the epoxy coated steel cover for ease of wiring.

### Magnum 20G-CIA-RFS



<b>20GH-CIM</b>	Manual
UL Ⓢ <b>520625</b> .....	208V 15' power cord w/o plug.
<b>20GH-CIA-RFS</b>	Manual or Automatic
UL Ⓢ <b>520609</b> .....	230V 20' power cord w/o plug.
UL Ⓢ <b>520635</b> .....	208V 20' power cord w/o plug.

### PRODUCT CHARACTERISTICS

Horsepower .....	2HP
Maximum flow rate .....	65 GPM .....246LPM
Maximum Head.....	110' .....33.6m
Liquid Temp. ....	140°
Motor Type .....	Oil filled, single phase, capacitor start/capacitor run
Discharge .....	1 1/4" FNPT (31.7mm)
Housing .....	Epoxy-coated cast iron
Cover .....	Epoxy-coated cast iron
Base (Volute) .....	Epoxy-coated cast iron
Impeller.....	Bronze Vortex
Shaft Seal .....	Carbon & ceramic
Bearings .....	Heavy duty continuously oil lubricated upper and lower ball bearings

Cutter System .....	Hardened Stainless Steel
---------------------	--------------------------

### Operation

20GH-CIM .....	Manual
20GH-CIA-RFS .....	Manual or Automatic

### Activator

20G-CIA-RFS .....	Piggyback mechanical float switch
-------------------	-----------------------------------

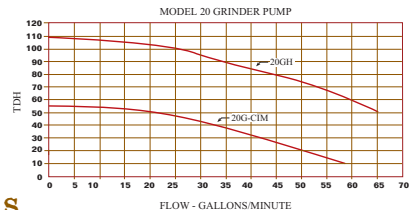
<b>Switch on</b>	<b>Switch off</b>
------------------	-------------------

9" - 14"	2" - 6"
----------	---------

22.8cm - 35.6cm	5.1cm - 15.2cm
-----------------	----------------

### Electrical

520625 .....	208V, 60HZ, 20A, 15' power cord.
520610 .....	230V, 60HZ, 18A, 20' power cord.
520635 .....	208V, 60HZ, 20A, 20' power cord.



# QTI RESIDENTIAL SEWAGE GRINDER PACKAGE SYSTEM



**Polyethylene Basin**

Whether you're specifying, ordering, selling or installing a grinder system, for a single home or an entire residential development, Little Giant Pump Company has the right packaged system to meet your needs. QTI (Quick To Install) package systems are pre-assembled with E-Z out rail system, control float switches, float bracket, junction box, ball valve (gate valve on fiberglass basins) and ball check valve .

### Features

- 2 HP, 208 Volt Magnum Series Grinder Pump, or 230 Volt GP Series Grinder Pump, single phase. (Installed in field)
- NEMA 4X Control Panel designed exclusively for the 2 HP Magnum Grinder Series or GP Grinder Series. (Installed in field)
- 4" adapta-flex inlet. (Installed in field)
- Polyethylene & Fiberglass Basin & Covers pre-assembled with corrosion-resistant E-Z out rail system with sealing flange, discharge pipe disconnect, preset control float switches, stainless steel float bracket, stainless steel guide rails, lifting chain, junction box, ball valve (gate valve on fiberglass basins) and ball check valve.

## QTI Residential Sewage Grinder Package System w/Fiberglass Basins

### 20G-SMPX-K

Features the 20G-CIM and MGP Control Panel

Item Number	Pump Voltage	Basin Size (Diameter & Depth)	Description
520800	208V	24" x 60"	BS2460FG
520801	208V	24" x 72"	BS2472FG

### 20GH-SMPX-K

Features the 20GH-CIM and MGP Control Panel

Item Number	Pump Voltage	Basin Size (Diameter & Depth)	Description
520808	208V	24" x 60"	BS2460FG
520809	208V	24" x 72"	BS2472FG

## QTI Residential Grinder Package System w/Polyethylene Basin

### 20G-SMPX-K

Features the 20G-CIM and MGP Control Panel

Item Number	Pump Voltage	Basin Size (Diameter & Depth)	Description
520802	208V	24" x 60"	BS2460PB
520803	208V	24" x 72"	BS2472PB

### 20GH-SMPX-K

Features the 20GH-CIM and MGP Control Panel

Item Number	Pump Voltage	Basin Size (Diameter & Depth)	Description
520810	208V	24" x 60"	BS2460PB
520811	208V	24" x 72"	BS2472PB

## QTI Residential Sewage Grinder Package w/GP Series Grinder Pump and Panel

Item Number	Model Number	Pump Voltage (Diameter X Depth)	Basin Size	Description	Construction
520816	GP-SMPX-K	230V	24" x 60"	BS2460FG	Fiberglass
520817	GP-SMPX-K	230V	24" x 72"	BS2472FG	Fiberglass
520818	GP-SMPX-K	230V	24" x 60"	BS2460PB	Polyethylene
520819	GP-SMPX-K	230V	24" x 72"	BS2472PB	Polyethylene

## Basin/Cover Assemblies for Automatic Grinder Pumps



**Fiberglass Basin**

Basins are available in either structurally reinforced super tough polyethylene or heavy-duty fiberglass material. Basins come configured for hard pipe installation or with an all stainless steel rail system. Floats and junction boxes are sold separately. A leg kit must be used with the grinder for hard pipe configurations for pump support.

48" and 60" depth basins available as "hard-piped" systems - includes discharge pipe, ball check valve, combination gate valve/union, 4" Adapt-A-Flex inlet, and 2" Adapt-A-Flex electrical adaptor.

48", 60", 72" and 84" basins available in "railguide" versions - includes upper rail guide support, stainless steel rails, discharge pipe, brackets, lifting chain, bronze gate valve, cast iron lower rail support and ball check valve, 4" Adapt-A-Flex (inlet hub), and 2" Adapt-A-Flex (electrical adaptor).

For special order basin assembly contact factory.

**Little GIANT**  
Pump Company

## QTI Basin/Cover Assemblies

QTI Basin/Cover Assemblies are pre-assembled w/E-Z out rail system, with sealing flange, discharge pipe disconnect, three pre-set control float switches, stainless steel float bracket, stainless steel guide rails, lifting chain, junction box, ball valve (gate valve on fiberglass basins) and check valve.

Item Number	Model	Construction	Size
513140	BS2460FG-K	Fiberglass	24" x 60"
513141	BS2472FG-K	Fiberglass	24" x 72"
513142	BS2460PB-K	Polyethylene	24" x 60"
513143	BS2472PB-K	Polyethylene	24" x 72"

## Simplex Basin/Cover Assemblies with Hard-Piped Connections

Item Number	Model Number	Construction	Size	System Includes:
513160	BS2448FGHP-K	Fiberglass	24" x 48"	<ul style="list-style-type: none"> <li>PVC Discharge pipe</li> <li>PVC Ball check valve</li> <li>PVC Combination gate valve/union</li> <li>4" Adapt-a-flex for inlet</li> <li>2" Adapt-a-flex for electrical</li> </ul>
513164	BS2460FGHP-K	Fiberglass	24" x 60"	
513161	BS2448PBHP-K	Polyethylene	24" x 48"	
513165	BS2460PBHP-K	Polyethylene	24" x 60"	

NOTE: Little Giant's GLK Grinder Leg Kit is required when installing the 20G Series grinder in the hard-piped basin assembly.

## Simplex Basin/Cover Assemblies with Rail System

Item Number	Model Number	Construction	Size	System Includes:
513162	BS2448FGRS-K	Fiberglass	24" x 48"	<ul style="list-style-type: none"> <li>Upper guide rail support</li> <li>Stainless steel rails</li> <li>Stainless steel discharge pipe</li> <li>Stainless steel brackets</li> <li>Stainless steel union</li> <li>Stainless steel lifting chain and hardware</li> <li>Bronze gate valve</li> <li>Cast iron ball check valve</li> <li>Cast iron lower rail support</li> </ul>
513166	BS2460FGRS-K	Fiberglass	24" x 60"	
513168	BS2472FGRS-K	Fiberglass	24" x 72"	
513170	BS2484FGRS-K	Fiberglass	24" x 84"	
513163	BS2448PBRS-K	Polyethylene	24" x 48"	
513167	BS2460PBRS-K	Polyethylene	24" x 60"	
513169	BS2472PBRS-K	Polyethylene	24" x 72"	
513171	BS2484PBRS-K	Polyethylene	24" x 84"	

## Magnum Grinder Control Panel and Alarm



Designed exclusively for the 2HP Magnum Grinder Series, the MGP Control Panel and Alarm features: Properly sized start components to maximize efficiency and service life of the 20G and 20GH grinders, color-coded terminal strip for ease of installation, circuit breaker, audible alarm, silence switch and red flashing light, all enclosed in a NEMA 4X waterproof enclosure. Three floats (sold separately) control on, off, and alarm functions.

### Simplex MGP-1C25-8

UL Ⓢ 513373 .....208V

### MGP-1C20-2

UL Ⓢ 513372 .....230V

### Duplex

### MGPSFD-1C25-8

UL Ⓢ 513366 .....208V

### MGPD-230

UL Ⓢ 513365 .....230V

\*The 20G-CIM and 20GH-CIM require a specific controller panel or capacitor kit from Little Giant Pump Company specifically matched to the pump for proper operation and 3rd party approvals.

## GP Series Grinder Control Panel and Alarm



Designed exclusively for the GP Grinder Series, the Control Panel and Alarm features: Properly sized start components to 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, all enclosed in a NEMA 4X waterproof enclosure. Three floats (sold separately) control on, off, and alarm functions.

### Simplex MGP-1C18-2

UL Ⓢ 513374 .....208/230V

### Duplex (requires 4 floats) MGPSFD-1C18

UL Ⓢ 513375 .....208/230V

\*The GP Grinder require a specific controller panel or capacitor kit from Little Giant Pump Company specifically matched to the pump for proper operation and 3rd party approvals.

## Junction Box Alarm Kit

For use with automatic grinders

### JBAK

513297 .....Designed specifically for auto grinder installations, the JBAK junction box features a circuit breaker, labeled terminal block, alarm beacon, and alarm float.

## Control Floats

For use with MGP and MGPD.

### CFSW

950266 .....Weighted Control Float Switch.  
20' power cord.

### CFST

950267 .....Control Float Switch with cable clamp.  
20' power cord.

950266



950267



## Grinder Leg Kit (Accessory)



Includes three stainless steel support legs with stainless steel hardware.

For “hard-piped” installations, a special stainless steel leg kit is available. Easy to install, the legs raise the pump inlet area to approximately 4” off the surface to insure clearance for solids to enter.

### GLK

**599044** .....For 20G (H) Series only

**599078** .....For GP Series only

## Capacitor Kit for Magnum Grinder Series 20G & 20GH

To be used to operate 20G and 20GH. Includes start capacitor, run capacitor, relay, end caps and mounting hardware.

**20 GCK-208**

**513208** .....208V

**20 GCK-230**

**513230** .....230V

\*The 20G-CIM and 20GH-CIM require a specific controller panel or capacitor kit from Little Giant Pump Company specifically matched to the pump for proper operation and 3rd party approvals.

## Capacitor Kit for GP Grinder Series

To be used to operate GP Series. Includes start capacitor, run capacitor, relay, end caps and mounting hardware.

**GP/CK**

**520857** .....208/230V

## WASTEWATER PRODUCTS ACCESSORIES

### Switches

## Piggyback Mechanical Float Switches

### RFSN-6

Converts any manual pump, up through 1/2 HP (115V) or 1 HP (230V), 13 max. run amps, to automatic operation.

Ⓛ Ⓜ **599118** .....115/230V 10' (3m) power cord.

### RFSN-9

Converts any manual pump, up through 1/2 HP (115V), or 1 HP (230V), 13 max. run amps, to automatic operation.

Ⓛ Ⓜ **599117** .....115/230V 15' (4.6m) power cord.

Ⓛ Ⓜ **599128** .....208/230V 15' (4.6m) power cord.

### RFSN-10

Converts any manual pump, up through 1/2 HP (115V), or 1 HP (230V), 13 max. run amps, to automatic operation.

Ⓛ Ⓜ **599210** .....115/230V 20' (6m) power cord.

Ⓛ Ⓜ **599119** .....115/230V 25' (7.6m) power cord.

### RFSN-16

Converts any manual pump, up through 3/4 HP (115V), or 2 HP (230V), 15 max. run amps, to automatic operation.

Ⓛ Ⓜ **599211** .....115/230V 20' (6m) power cord.

### RFSN-20

Converts any single phase manual pump, up through 1.5 HP (125V), or 3 HP (250V), 20 max. run amps, to automatic operation.

Ⓛ Ⓜ **599318** .....115/230V 20' (6m) power cord w/o plug.



## Piggyback Diaphragm Switches

### RS-5

Converts any manual pump, up through 1/2 HP (10 max. run amps), to automatic. When mounted to 5-MSP pump, “on” level range is 6”-9” (15.2cm-22.8cm), “off” level range is 1”-4” (2.54cm-10.2cm).

Ⓛ Ⓜ **599008** .....115V 10' (3m) power cord.

Ⓛ Ⓜ **599009** .....115V 18' (5.5m) power cord.

**599010** .....230V 8' (2.4m) power cord w/o plug.

### RS-5-LL (Low Level)

Converts any manual pump, up through 1/3 HP (10 max. run amps), to automatic. When mounted to 5-MSP pump, “on” level range is 2”-3”, (5.1cm-7.6cm) “off” level range is 1/2”-1 1/2” (1.2cm-3.8cm).

Ⓛ Ⓜ **599014** .....115V 18' (5.5m) power cord.

Ⓛ Ⓜ **599019** .....115V 25' (7.6m) power cord.





## Piggyback Vertical Mechanical Float Switches

Converts any manual pump, up through 1/2 HP (115V) and 1 HP (230V), 13 max. run amps, to automatic operation. Adjustable pumping range from 6.5" to .75". Designed for use in confined areas and not sensitive to turbulence.

### RVMS-10

**RV** **599261** .....115/230V 10' (3m) power cord.

### RVMS-15

**RV** **599262** .....115/230V 15' (4.6m) power cord.

### RVMS-20

**RV** **599263** .....115/230V 20' (6m) power cord.



## Double-Float Piggyback Mechanical Float Switches

### 15DFMMD1WP

**RV** **14940410** .....115VAC

### 15DFMMD2WOP

**RV** **14940411** .....230VAC w/o plug.

Controls pumps up to 1 HP at 120 VAC and 2 HP at 230 VAC, 13 max running amps. Adjustable pumping range of 1.75" to 48". The double-float consists of two floats, one of which contains a holding relay, enabling the floats to function in series.

## Vertical Diaphragm Switches

The vertical diaphragm switch provides automatic control of a pump in water and sewage effluent applications. The design allows it to operate in applications with limited space, such as small sump chambers. The VDS features models with either a 6" or 10" pumping range, max 1/2 HP, 13 amps.



### VDS1006

**U** **599165** .....115V 10' (3m) power cord, 6" range.

### VDS1010

**U** **599168** .....115V 10' (3m) power cord, 10" range.

### VDS1506

**U** **599166** .....115V 15' (4.6m) power cord, 6" range.

### VDS1510

**U** **599169** .....115V 15' (4.6m) power cord, 10" range.

### VDS2010

**U** **599167** .....115V 20' (6m) power cord, 10" range.

## Sump Pump Switch Repair Kits



### SPRK-1 599300

Switch Repair Kit for 6-CIA, 8-CIA and 8-CBA. Includes pressure switch bracket, switch housing, screw, diaphragm and O-ring.

### SPRK-1-ML 599310

Switch Repair Kit for 6-CIA-ML (used in WRSC-6). Includes pressure switch bracket, switch housing, screw, diaphragm and O-ring.

### SPRK-2 599320

Switch Repair Kit for 5-ASP, 6-CIA, 8-CIA and 8-CBA. Same as SPRK-1 without housing.

### SPRK-2-ML 599314

Switch Repair Kit for 6-CIA-ML (used in WRSC-6). Same as SPRK-1-ML without housing.



### SPRK-3 599350

Switch Repair Kit for 10-CIA and 12-CBA. Includes pressure switch, bracket, switch housing, screw, diaphragm and O-ring.

## Alarms

### HWAB UL® 513288

Indoor highwater alarm. NEMA 1 metal enclosure. Mechanical float switch with 15' (4.6m) cable. Alarm has red LED warning light, horn with silence switch and test button. 6' (1.83m) power cord with 115V plug.

### 303HWXT UL® 513273

Indoor/outdoor highwater alarm. Type 3R watertight thermoplastic enclosure. Mechanical float switch with 15' (4.6m) 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. 115 volt.



## Indoor Duplex Pump Alternator and Alarm System



This easy-to-install NEMA 1 Indoor Control/Alarm device is a low-cost alternative to conventional duplex control panels, operating two automatic sump, sewage or effluent pumps. Pumps alternate every cycle by switching from pump 1 to pump 2, which occurs every 20 seconds after one of the pumps is activated. The 2nd pump starts if the 1st pump fails to turn on. Alarm sounds when the water level rises too high. The pumps and alarm float switch plug into the unit and the unit plugs into the wall outlet (115V or 230V). No wiring in panel is required. Operates single phase pumps with 15 max. run amps.

### HWD-115

UL C-UL 513274 .....115V 9.5' power cord, max. 15A & 1 HP.

### HWD-230

UL C-UL 513275 .....230V 9.5' power cord, max. 20A & 1 HP.

## Low Voltage Water Alarm

Remote sensor detects water and sounds alarm. Sensor and alarm connected by 6' (1.83m) of wire; adaptable with additional wire (not included) for locating up to 50' apart; solid state electronics powered by 9-volt battery (not included); 85-decibel alarm sounds for 3 days; low battery warning; test bar for system check.

### HW-9 513350 .....9V/DC



# Controls\*

## Simplex Systems

Wastewater pumps



### Single Phase

Indoor/outdoor simplex alarm system and pump control. NEMA 4X waterproof fiberglass enclosure. Includes control panel with audible alarm, silence switch and red alarm beacon; three floats, one each for highwater, pump on and pump off. Floats have 20' (6m) power cords. HOA Switch offers either hand, off or automatic operations.

#### 1121W120H17A

Ⓛ C-UL **513267** .....120/208/230V 60Hz 15-20 amps

#### 1151W200H17A (Two floats - pump on/off and alarm)

Ⓛ C-UL **513257** .....115V/230V 60Hz 0-15 amps

Condensate pumps



### Three Phase

Indoor/outdoor simplex alarm system and pump control. NEMA 4X waterproof fiberglass enclosure. Includes control panel with audible alarm, silence switch and red alarm beacon; three floats, one each for highwater, pump on and pump off. Floats have 20' (6m) power cords. HOA Switch offers either hand, off or automatic operations.

#### 3121W151H17A

Ⓛ C-UL **513282** .....208/240/480V 60Hz FLA: 2.5-4.0

#### 3121W181H17A

Ⓛ C-UL **513284** .....208/240/480V 60Hz FLA: 6.0-10.0

#### 3121W221H17A

Ⓛ C-UL **513286** .....208/240/480V 60Hz FLA: 9.0-14.0

Submersible pumps



## Duplex Systems

Indoor/outdoor duplex alarm system and pump control. 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 highwater, pump on and pump off. Floats have 20' (6m) power cords. HOA Switch offers either hand, off or automatic operations.

### Single Phase

#### 1221W120H17A

Ⓛ C-UL **513258** .....115/208/230V 60Hz FLA: 0-20

### Three Phase

#### 3221W151H17A

Ⓛ C-UL **513283** .....208/240/480V 60Hz FLA: 2.5-4.0

#### 3221W181H17A

Ⓛ C-UL **513285** .....208/240/480V 60Hz FLA: 6.0-10.0

#### 3221W221H17A

Ⓛ C-UL **513287** .....208/240/480V 60Hz FLA: 9.0-14.0

#### 3221W611H17A

Ⓛ C-UL **513266** .....208/240/480V 60Hz FLA: 13-18

Magnetic drive pumps



## Junction Boxes

**JB66-3**  
**513281**



\*Consult Factory for special order Control Panels.

When ordering, please specify Model and Catalog numbers.

[www.LittleGiantPump.com](http://www.LittleGiantPump.com)

## LG Plugger

The LG Plugger provides a convenient location to connect all wiring required for a typical pumping station installation. The junction box utilizes a receptacle to accept a 120 VAC or 230 VAC piggy-back plug and a pump plug.

The LG Plugger package ensures a liquid-tight seal and strain relief for the cable entering the junction box from the pumping station.

The LG Plugger also features an easy-to-use terminal strip that can be used for connecting an alarm system to the junction box. (see options below)



- JBP120V**
- 513290** .....120V Junction box
- JBP120V-TA1**
- Ⓛ Ⓢ **513292** .....120V Junction box with 101HW alarm and float
- JBP120V-TAXT**
- Ⓛ Ⓢ **513294** .....120V Junction box with 303HWXT alarm and float
- JBP230V-TAXT**
- Ⓛ Ⓢ **513295** .....230V Junction box with 303HWXT alarm and float

## Pump Disconnect

Non guide rail disconnect for use where the discharge is no lower than 18" below grade or where guide rails are not necessary. Point of discharge should be above the liquid level.

- PD-2**
- 513302** .....2" Disconnect



## Guide Rail Systems



Complete systems used for installations with a total depth of over 5' when the discharge pipe is 18" or more below grade, particularly when the liquid level is above the discharge level. 3/4" IPS (Iron Pipe Size) pipe rails should be used on the 1-1/4" and 2" system and 1-1/4 IPS pipe rail on the 3" 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' of rail. (Guide rail pipes, lifting chain and pull rod not included.)

All guide rail products can be used with any of the Little Giant Pump Company effluent and sewage pumps having a 1 1/4", 2" or 3" discharge.

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

- GR-3/4-114D**
- 513305** .....1-1/4" discharge
- GR-3/4**
- 513301** .....2" discharge
- GR-1 1/4**
- 513300** .....3" discharge

## Intermediate Guide Rail Brackets



- IGR-3/4**
- Intermediate guide rail brackets for use with 3/4" guide rail systems.
- 513303** .....(for use with GR-3/4)
- IGR-1 1/4**
- Intermediate guide rail brackets for use with 1 1/4" guide rail systems.
- 513304** .....(for use with GR-1-1/4)



## Check Valves

### Cast Iron Full Flow Check Valves



- Vertical or horizontal installation
- Full flow design
- Stops back flow of water
- Rated at 50 psi (115' head) at 130°F (55°C)

**CVCI-114NPT**  
**599131** .....1-1/4" Cast Iron NPT

**CVCI-112NPT**  
**599132** .....1-1/2" Cast Iron NPT

**CVCI-2NPT**  
**599133** .....2" Cast Iron NPT

**CVCI-3NPT**  
**599134** .....3" Cast Iron NPT

### Cast Iron Slip x Slip Union Check Valve



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

**CVCI-2**  
**599135** .....2" Cast Iron  
Slip x Slip Union

## Check Valves



**CV-114 Check Valve.....577105**  
Universal check valve for sump pumps. 1-1/4" MNPT x 1 1/2" ID tubing.



**CV-SE.....940021**  
Hose-connected check valve for 2" IPS pipe. Made of ABS. Allows passage of 3/4" solids.

**CV-114/112.....599059**  
Full Flow designed, Slip x Slip, ABS construction. Sump pump check valve fits both 1-1/4" and 1-1/2" pipe. Design passes 1" solids.

**CV-SE1.....940019**  
PVC check valve uses compression gaskets to connect to 1-1/2" IPS pipe. Full-flow design passes 1-1/2" solids.



**CV-SE2.....940022**  
PVC check valve uses compression gaskets to connect to 2" IPS pipe. Full-flow design passes 2" solids.

**CV-SE3.....940023**  
PVC check valve uses compression gaskets to connect to 3" IPS pipe. Full-flow design passes 3" solids.



**CVBV-2.....599160**  
PVC check valve/ball valve combination uses compression gaskets to connect to 2" IPS pipe. Full flow design passes 2" solids.



**CVBV-2U.....599161**  
PVC check valve/ball valve combination uses union fittings to connect to 2" IPS pipe. Full flow design passes 2" solids. Pressure rating: 100 PSI @ 72BF.

## Cord Connectors

**CC-1**  
**599207**

Cord connector is liquid tight and provides strain relief. Accommodates wire/cable (AWG): 18/2, 18/3, 18/4, 16/2, 16/3, 16/4, 14/2, 14/3. Polyamid, and neoprene gland, resist salt water, weak acids/alkalis and other chemicals. (Power cord diameters from .270" to .480")



**CC-3**  
**599213**

Cord connector is liquid tight and provides strain relief. Accommodates wire/cable (AWG): 14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3. Polyamid, and neoprene gland, resist salt water, weak acids/alkalis and other chemicals. (Power cord diameters from .545" to .709")

## Discharge Adapters



**GH-1 Adapter**  
**599030** .....1" MNPT x 3/4" GHT.  
Fits 5-MSP/ASP.



**GH-3/4 Adapter**  
**599025** .....1-1/4" MNPT x 3/4" GHT.



**AD-6 Adapter (6-pk)**  
**599026** .....1-1/2" MNPT x 1 1/4" FNPT.

## Sump Pump Discharge Kits

1 1/4" and 1 1/2" kits work with all types of sump pumps. Ideal for discharging water out of the basement sump to a safe location outside of the home. Each kit includes 24' corrugated polyethylene hose, ABS thread x barbed adapter and galvanized steel clamp.

**SPDK-114**  
**599301** .....1-1/4"

**SPDK-112**  
**599302** .....1-1/2"



## SA-1 Sacrificial Anode

Magnesium accessory for use with aluminum-body pumps. Provides corrosion protection.

**599002** .....8" (20cm) lead wire.

# DRAINOSAUR® WATER REMOVAL SYSTEMS

ITEM NO.	MODEL NO.	LIST/CERT.	VOLTS	HP	AMPS/WATTS	GALLONS PER MINUTE (GPM) AT HEIGHT							SHUT OFF (FT.)	PSI	CORD (FT.)	WGHT. (LBS.)	DIMENSIONS (H X L X W) (IN.)
						1'	3'	5'	10'	15'	20'	22'					
505055	WRS-5	*	115	1/6	5/380			15	12	8			21	9.1	10	19	16 X 14 1/2 (D)
506055	WRS-6	*	115	1/3	9/720			46	29	13			18	7.8	8	26	16 X 14 1/2 (D)
506056	WRS-6	*	230	1/3	4.5/720			46	29	13			18	7.8	8	27	16 X 14 1/2 (D)
506065	WRSC-6	*	115	1/3	9/720			46	29	13			18	7.8	8	26	10 1/2 X 14 1/2 (D)
506066	WRSC-6	*	230	1/3	5/720			46	29	13			18	7.8	8	25	10 1/2 X 14 1/2 (D)
509150	WRS-8E	*	115	1/3	11.5/900			52	45	33			21	9.1	10	30.5	16 X 14 1/2 (D)

\* BASINS ARE IAPMO LISTED; 115V PUMPS ARE UL/CSA

## UTILITY PUMPS

ITEM NO.	MODEL NO.	LIST/CERT.	VOLTS	HP	AMPS/WATTS	GALLONS PER HOUR (GPH) AT HEIGHT							SHUT OFF (FT.)	PSI	CORD (FT.)	WGHT. (LBS.)	DIMENSIONS (H X L X W) (IN.)
						1'	3'	5'	10'	15'	20'	22'					
505300	5-ASP	UL/CSA	115	1/6	5/380	1200	1170	1100	1000	840	520	350	26.3	11.4	10	9.0	7 3/4 X 7 7/10 X 4 5/16
505350	5-ASP-LL	UL/CSA	115	1/6	5/380	1200	1170	1100	1000	840	520	350	26.3	11.4	18	10.0	7 3/4 X 7 7/10 X 4 5/16
505400	5-ASP-FS	UL/CSA	115	1/6	5/380	1200	1170	1100	1000	840	520	350	26.3	11.4	10	9.0	8 1/2 X 6 1/16 X 4 5/16
505000	5-MSP	UL	115	1/6	5/380	1200	1170	1100	1000	840	520	350	26.3	11.4	10	8.25	7 3/4 X 6 1/16 X 4 5/16
505176	5-MSP	UL/CSA	115	1/6	5/380	1200	1170	1100	1000	840	520	350	26.3	11.4	18	8.5	7 3/4 X 6 1/16 X 4 5/16
505486	5-MSPR	UL/CSA	115	1/6	5/380	1200	1170	1100	1000	840	520	350	26.3	11.4	10	9	8 1/2 X 6 1/16 X 4 5/16
505025	5-MSP	UL	115	1/6	5/380	1200	1170	1100	1000	840	520	350	26.3	11.4	25	8.75	7 3/4 X 6 1/16 X 4 5/16
505500	5-MSP		127	1/6	5.8/380	1200	1170	1100	1000	840	520	350	26.3	11.4	10	8.25	7 3/4 X 6 1/16 X 4 5/16
505501	5-MSP		127	1/6	5.8/380	1200	1170	1100	1000	840	520	350	26.3	11.4	18	8.5	7 3/4 X 6 1/16 X 4 5/16
505202	5-MSP		230	1/6	2.5/380	1200	1170	1100	1000	840	520	350	26.3	11.4	12	8.25	7 3/4 X 6 1/16 X 4 5/16
599008	RS-5	UL/CSA	115	1/2	10										10	1.5	4 3/4 X 3 X 1 3/4
599009	RS-5	UL/CSA	115	1/2	10										18	2.0	4 3/4 X 3 X 1 3/4
599014	RS-5LL	UL/CSA	115	1/3	10										18	2.0	4 3/4 X 3 X 1 3/4
599019	RS-5LL	UL/CSA	115	1/3	10										25	2.5	4 3/4 X 3 X 1 3/4
599010	RS-5		230	1/2	10										8	1.5	4 3/4 X 3 X 1 3/4
555150	PPS-1	UL/CSA	115	1/10	1.65/171	275			225		165				6	8.4	4 3/4 X 13 X 13 1/2 (B)
555250	PPS-12		12	1/10	8.9/107	225			175		125				6	8.4	4 3/4 X 13 X 13 1/2 (B)
555200	PP-12		12	1/10	8.9/107	225			175		125				6	5.0	3 3/8 X 6 1/8 X 4
555100	PP-1	UL/CSA	115	1/10	1.65/171	275			225		165				6	5.0	3 3/8 X 6 1/8 X 4
555103	PP-1S	cULus	115	NA	1.60	360		342	300		270	198	48.30	20.9	6	5.25	3 1/2 X 6 3/5 X 4
555203	PP-12S		12VDC	NA	7.00	300		258	240		202	150	46.00	19.9	1	3.75	4 1/2 X 5 9/10 X 4

## MANUAL SUMP PUMPS

ITEM NO.	MODEL NO.	LIST/CERT.	VOLTS	HP	AMPS/WATTS	GALLONS PER MINUTE (GPM) AT HEIGHT							SHUT OFF (FT.)	PSI	CORD (FT.)	WGHT. (LBS.)	DIMENSIONS (H X L X W) (IN.)
						1'	3'	5'	10'	15'	20'	22'					
506271	6-CIM-R	UL/CSA	115	1/3	9/720			46	29	13			18	7.8	10	16.5	7 1/4 X 9 1/2 X 7 1/4
506274	6-CIM-R	UL/CSA	115	1/3	9/720			46	29	13			18	7.8	25	18	7 1/4 X 9 1/2 X 7 1/4
506266	6-CIM		230	1/3	4.5/720			46	29	13			18	7.8	12	18.75	6 X 9 1/2 X 8 1/2
508057	8-CIM	UL/CSA	115	4/10	10/830			54	42	26			22.9	9.9	10	18.75	6 X 9 1/2 X 8 1/2
508058	8-CIM	UL/CSA	115	4/10	10/830			54	42	26			22.9	9.9	25	19.75	6 X 9 1/2 X 8 1/2
508257	8-CBM	UL/CSA	115	4/10	10/830			54	42	26			22.9	9.9	10	21	6 X 9 1/2 X 8 1/2
510055	10-CIM	UL/CSA	115	1/2	11/1100			83	63	45			23	10	10	37	10 1/2 X 8 1/2 X 9 1/2
512055	12-CBM	UL/CSA	115	1/2	11/1100			83	67	50	33		26	11.2	10	40	10 1/2 X 8 1/2 X 9 1/2
599118	RFSN-6	UL/CSA	115/230	1/2	13										10	1.7	3 9/16 X 3 9/16 (D)

## AUTOMATIC SUMP PUMPS

ITEM NO.	MODEL NO.	LIST/CERT.	VOLTS	HP	AMPS/WATTS	GALLONS PER MINUTE (GPM) AT HEIGHT							SHUT OFF (FT.)	PSI	CORD (FT.)	WGHT. (LBS.)	DIMENSIONS (H X L X W) (IN.)
						1'	3'	5'	10'	15'	20'	22'					
505700	5.5-ASP	UL/CSA	115	1/4	8.5/660	40	38	35	30	20	10		25.0	10.8	10	10.25	10 3/4 X 8 7/8 X 6
505701	5.5-ASP	UL/CSA	115	1/4	8.5/660	40	38	35	30	20	10		25.0	10.8	25	10.75	10 3/4 X 8 7/8 X 6
506158	6-CIA	UL/CSA	115	1/3	9/720			46	29	13			18	7.8	8	17.5	6 X 9 1/2 X 8 1/2
506168	6-CIA	UL/CSA	115	1/3	9/720			46	29	13			18	7.8	10	17.75	6 X 9 1/2 X 8 1/2
506267	6-CIA-RS	UL/CSA	115	1/3	9/720			46	29	13			18	7.8	10	17.5	7 1/4 X 9 1/2 X 7 1/4
506166	6-CIA		230	1/3	4.5/720			46	29	13			18	7.8	8	18.5	6 X 9 1/2 X 8 1/2
506268	6-CIA-VDS	UL/CSA	115	1/3	9/720			46	29	12.5			18	7.8	10	16.5	7 1/4 X 9 1/2 X 10 1/2
506171	6-CIA-RFS	UL/CSA	115	1/3	9/720			46	29	13			18	7.8	10	18.5	7 1/4 X 9 1/2 X 7 1/4
508157	8-CIA	UL/CSA	115	4/10	10/830			54	42	26			22.9	9.9	10	19	6 X 9 1/2 X 8 1/2
508158	8-CIA	UL/CSA	115	4/10	10/830			54	42	26			22.9	9.9	25	20.25	6 X 9 1/2 X 8 1/2
508059	8-CIA-VDS	UL/CSA	115	4/10	10/830			54	42	26			22.9	9.9	10	18.8	7 1/4 X 9 1/2 X 10 1/2
508357	8-CBA	UL/CSA	115	4/10	10/830			54	42	26			22.9	9.9	10	21.25	6 X 9 1/2 X 8 1/2
510155	10-CIA	UL/CSA	115	1/2	11/1100			83	63	45			23	10	10	37	10 1/2 X 9 1/4 X 9 1/2
510156	10-CIA	UL/CSA	115	1/2	11/1100			83	63	45			23	10	25	39	10 1/2 X 9 1/4 X 9 1/2
510056	10-CIA-VDS	UL/CSA	115	1/2	11/1100			83	63	45			23	10	10		10 1/2 X 14 3/10 X 8 3/5
512155	12-CBA	UL/CSA	115	1/2	11/1100			83	67	50	33		26	11.2	10	40	10 1/2 X 9 1/4 X 9 1/2
512125	12-CBA	UL/CSA	115	1/2	11/1100			83	67	50	33		26	11.2	25	41	10 1/2 X 9 1/4 X 9 1/2
547151	VS-P2800	UL/CSA	115	1/3	4/316			47	34				17	7.4	8	16	32 3/4 X 10 1/2 X 9 1/2



When ordering, please specify Model and Catalog numbers.

[www.LittleGiantPump.com](http://www.LittleGiantPump.com)

Wastewater pumps  
Condensate pumps  
Submersible pumps  
Magnetic drive pumps

## EFFLUENT AND SEWAGE PUMPS

ITEM NO.	MODEL NO.	LIST/CERT.	VOLTS	HZ	HP	AMPS/WATTS	GALLONS PER MINUTE (GPM) AT HEIGHT				SHUT OFF (FT.)	PSI	CORD (FT.)	WGHT. (LBS.)	DIMENSIONS (H X L X W) (IN.)
							5'	10'	15'	20'					
506500	6E-CIM		127	60	1/3	10/750	50	42	27		20	8.7	25	26	9 7/8 X 8 3/4 X 8 1/2
506710	6E-CIM	UL/CSA	115	60	1/3	10/750	50	42	27		20	8.7	10	26	9 7/8 X 8 3/4 X 8 1/2
506711	6E-CIM	UL/CSA	115	60	1/3	10/750	50	42	27		20	8.7	25	27	9 7/8 X 8 3/4 X 8 1/2
506730	6E-CIM	UL/CSA	230	50/60	1/3	4.8/890	50	42	27		20	8.7	15	27	9 7/8 X 8 3/4 X 8 1/2
506735	6E-CIM	C-CSA	230	60	1/3	4.8/890	50	42	27		20	8.7	25	27.5	9 7/8 X 8 3/4 X 8 1/2
506740	6E-CIA-RFSN	UL/CSA	115	60	1/3	10/750	50	42	27		20	8.7	10	28	9 7/8 X 8 3/4 X 8 1/2
506700	6E-CIA-SFS	UL/CSA	115	60	1/3	10/750	50	42	27		20	8.7	10	27	10 1/4 X 10 1/2 X 8 1/2
506701	6E-CIA-SFS	UL/CSA	115	60	1/3	10/750	50	42	27		20	8.7	25	28	10 1/4 X 10 1/2 X 8 1/2
506720	6E-CIA-SFS	UL/CSA	230	50/60	1/3	4.8/890	50	42	27		20	8.7	15	27	9 7/8 X 8 3/4 X 8 1/2
506712	6E-CIA-VDS	UL/CSA	115	60	1/3	10/750	50	42	27		20	8.7	10	28.5	9 9/16 X 12 X 8 1/2
509000	8E-CIM	UL/CSA	115	60	1/3	11.5/900	52	45	33		21	9.1	10	24	8 1/4 X 9 5/8 X 6 7/8
509005	8E-CIM	UL/CSA	115	60	1/3	11.5/900	52	45	33		21	9.1	15	24	8 1/4 X 9 5/8 X 6 7/8
509125	8E-CIM	UL/CSA	115	60	1/3	11.5/900	52	45	33		21	9.1	25	25	8 1/4 X 9 5/8 X 6 7/8
509001	8E-CIA-VDS	UL/CSA	115	60	1/3	11.5/900	52	45	33		21	9.1	10	25.5	8 3/16 X 9 3/8 X 11
509100	8E-CIA-RFS	UL/CSA	115	60	1/3	11.5/900	52	45	33		21	9.1	10	25	8 1/4 X 9 5/8 X 6 7/8
509105	8E-CIA-RFS	UL/CSA	115	60	1/3	11.5/900	52	45	33		21	9.1	15	26	8 1/4 X 9 5/8 X 6 7/8
509050	8E-CIM	*	230	60	1/3	5.8/900	52	45	33		21	9.1	12	23	8 1/4 X 9 5/8 X 6 7/8
509200	9E-CIM	UL/CSA	115	60	4/10	12.3/1000	57	53	40		23	10	15	26	9 1/16 X 9 5/8 X 6 7/8
509225	9E-CIM	UL/CSA	115	60	4/10	12.3/1000	57	53	40		23	10	25	27	9 1/16 X 9 5/8 X 6 7/8
509300	9E-CIA-RFS	UL/CSA	115	60	4/10	12.3/1000	57	53	40		23	10	15	27	9 1/16 X 9 5/8 X 6 7/8
509320	9E-CIA-RFS	UL/CSA	115	60	4/10	12.3/1000	57	53	40		23	10	20	28	9 1/16 X 9 5/8 X 6 7/8
509250	9E-CIM		230	60	4/10	6.2/1000	57	53	40		23	10	20	26	9 1/16 X 9 5/8 X 6 7/8
509201	9E-CIA-VDS	UL/CSA	115	60	4/10	12.3/1000	57	53	40	15	23	10	15	28	9 3/20 X 9 3/8 X 6 4/5
509330	9EH-CIM	UL/CSA	115	60	4/10	13.0/1000	70	64	55	41	32	13.8	20	27	9.11X8.94X11.64
509340	9EH-CIM	UL/CSA	230	50/60	4/10	6.5/1000	70	64	55	41	32	13.8	20	27	9.11X8.95X11.64
509331	9EH-CIA-VDS	UL/CSA	115	60	4/10	13.0/1000	70	64	55	41	32	13.8	20	27	9 3/16 X 11 3/8 X 11
509350	9EH-CIA-RFS	UL/CSA	115	60	4/10	13.0/1000	70	64	55	41	32	13.8	20	27	9.11X8.95X11.64
509360	9EH-CIA-RFS	UL/CSA	230	50/60	4/10	6.5/1000	70	64	55	41	32	13.8	20	27	9.11X8.94X11.64
509400	9S-CIM	UL/CSA	115	60	4/10	13.0/1020	80	50	16		18	7.8	15	36	11 1/2 X 10 1/3 X 7
509500	9S-CIA-RFS	UL/CSA	115	60	4/10	13.0/1020	80	50	16		18	7.8	15	37	11 1/16 X 10 5/16 X 7
509520	9S-CIA-RFS	UL/CSA	115	60	4/10	13.0/1020	80	50	16		18	7.8	20	38	11 1/16 X 10 5/16 X 7
509450	9S-CIM		230	60	4/10	6.5/1020	80	50	16		18	7.8	15	35	11 5/8 X 10 5/16 X 7
509401	9S-CIA-VDS	UL/CSA	115	60	4/10	13.0/1020	80	50	16		18	7.8	15	38	11 3/5 X 10 3/16 X 9 4/5
511200	10E-CIM	UL/CSA	115	60	1/2	10.5/900	80	67	52	33	26	11.2	15	35	10 3/8 X 9 5/8 X 8 1/4
511275	10E-CIM	UL/CSA	208/240	50/60	1/2	6.5/900	80	67	52	33	26	11.2	15	36	10 3/8 X 9 5/8 X 8 1/4
511201	10E-CIA-VDS	UL/CSA	115	60	1/2	10.5/900	80	67	52	33	26	11.2	15	37	10 1/4 X 14 3/16 X 8 3/16
511350	10E-CIA-SFS	UL/CSA	115	60	1/2	8.2/958	80	67	52	23	24	10.4	10	38	12 3/4 X 10 1/2 X 9 5/8
511355	10E-CIA-SFS	UL/CSA	115	60	1/2	8.2/958	80	67	52	23	24	10.4	25	38	12 3/4 X 10 1/2 X 9 5/8
511300	10E-CIA-RFS	UL/CSA	115	60	1/2	10.5/900	80	67	52	33	26	11.2	15	37	10 3/8 X 9 5/8 X 8 1/4
511400	10S-CIM	UL/CSA	115	60	1/2	12/1000	110	85	45		20	8.7	15	43	12 3/4 X 10 5/16 X 8 1/4
511450 *	10S-CIM	UL/CSA	115	60	1/2	12/1000	110	85	45		20	8.7	15	46	12 3/4 X 10 5/16 X 8 1/4
511475	10S-CIM	UL/CSA	208/240	50/60	1/2	6.6/1100	110	85	45		20	8.7	15	43	12 3/4 X 10 5/16 X 8 1/4
511501	10S-CIM		127	60	1/2	12/1000	150	100	54		20	8.7	15	44	12 3/4 X 10 5/16 X 8 1/4
511420	10SH-CIM	UL/CSA	115	60	1/2	11/900	120	100	80	55	28	12.1	15	44	12 3/4 X 10 5/16 X 8 1/4
511480	10SH-CIM	UL/CSA	208/240	50/60	1/2	5.5/900	120	100	80	55	28	21	15	41.5	12 3/4 X 10 5/16 X 8 1/4
511421	10SH-CIA-VDS	UL/CSA	115	60	1/2	11/900	120	100	80	55	28	12.1	15	46	12 X 10 5/16 X 8 1/4
511500	10S-CIA-RFS	UL/CSA	115	60	1/2	12/1000	110	85	45		20	8.7	15	44	12 3/4 X 10 5/16 X 8 1/4
511520	10SH-CIA-RFS	UL/CSA	115	60	1/2	11/900	120	100	80	55	28	12.1	15	41.5	12 X 10 3/16 X 11 4/5
511550	10S-CIA-SFS	UL/CSA	115	60	1/2	9.2/1086	110	85	45		20	8.7	10	46	15 X 10 7/16 X 9 5/8
511555	10S-CIA-SFS	UL/CSA	115	60	1/2	9.2/1086	110	85	45		20	8.7	25	47	15 X 10 7/16 X 9 5/8
511565	10S-CIA-SFS	UL/CSA	230	50/60	1/2	4.6/1086	110	85	45		20	8.7	25	47	15 X 10 7/16 X 9 5/8
511401	10S-CIA-VDS	UL/CSA	115	60	1/2	12/1000	110	85	45		20	8.7	15	45	12 7/16 X 10 3/16 X 11 4/5
506600	HT-6E-CIA-FS	CSA	115	60	1/3	10.1/735	50	42	27		20	8.7	15	32	10 7/8 X 8 3/4 X 8 1/2
511600	HT-10E-CIM	CSA	115	60	1/2	10.5/900	80	70	59	37	24	10.4	15	38	10 1/4 X 9 5/8 X 9 1/8
511700	HT-10E-CIA-FS	CSA	115	60	1/2	10.5/900	80	70	59	37	24	10.4	15	39	10 1/4 X 9 5/8 X 9 1/8

\* 3" DISCHARGE

Wastewater pumps

Condensate pumps

Submersible pumps

Magnetic drive pumps



## EFFLUENT AND SEWAGE PUMPS

ITEM NO.	MODEL NO.	LIST/CERT.	VOLTS	HZ	HP	AMPS/WATTS	GALLONS PER MINUTE (GPM) AT HEIGHT				SHUT OFF (FT.)	PSI	CORD (FT.)	WGHT. (LBS.)	DIMENSIONS (H X L X W) (IN.)
							10'	20'	30'	40'					
514220	14EH-CIM	UL/CSA	115	60	1/2	12.5/1450	NR	60	40	20	50	21.6	20	82	16 1/8 X 14 1/16 X 9 7/8
514221	14EH-CIM	UL	208/240	60	1/2	5.7/1275	NR	60	40	20	50	21.6	20	81	16 1/8 X 14 1/16 X 9 7/8
514520	16EH-CIM	UL/CSA	230	60	1	10.0/2200	NR	NR	90	70	81	35.1	20	89	16 1/8 X 14 1/16 X 9 7/8
514530	16EH-CIM*	UL/CSA	208/240	60	1	6.6/1350	NR	NR	90	70	81	35.1	20	82	16 1/8 X 14 1/16 X 9 7/8
514540	16EH-CIM*	UL/CSA	460	60	1	3.2/1350	NR	NR	90	70	81	35.1	20	82	16 1/8 X 14 1/16 X 9 7/8
			380	50	1	2.6/850	NR	NR	45	18	55	23.8	20	82	
514550	16EH-CIM*	CSA	575	60	1	2.5/1350	NR	NR	90	70	81	35.1	20	82	16 1/8 X 14 1/16 X 9 7/8
514320	14S-CIM	UL/CSA	115	60	1/2	11.6/1100	100	35			25	10.8	20	87	17 3/16 X 14 1/16 X 9 7/8
514420†	14S-CIM	UL/CSA	115	60	1/2	11.6/1100	100	35			25	10.8	20	88	17 3/16 X 14 1/16 X 9 7/8
514321	14S-CIM	UL	208/240	60	1/2	4.6/1100	100	35			25	10.8	20	88	17 3/16 X 14 1/16 X 9 7/8
514620	16S-CIM	UL/CSA	230	60	1	11.0/1900	160	100			35	15.1	20	94	17 3/16 X 14 1/16 X 9 7/8
514630	16S-CIM	UL/CSA	230	60	1	11.0/1900	160	100			35	15.1	40	95	17 3/16 X 14 1/16 X 9 7/8
514720	16S-CIM*	UL/CSA	230	60	1	6.3/1550	160	100			35	15.1	20	89	17 3/16 X 14 1/16 X 9 7/8
514730	16S-CIM*	UL/CSA	460	60	1	3.0/1300	160	100			35	15.1	20	90	17 3/16 X 14 1/16 X 9 7/8
514740	16S-CIM*	CSA	575	60	1	2.5/1400	160	100			35	15.1	20	88	17 3/16 X 14 1/16 X 9 7/8
514750	16S-CIM*	UL/CSA	200/208	60	1	6.8	160	100			35	15.1	20	88	17 3/16 X 14 1/16 X 9 7/8
599117	RFSN-9	UL/CSA	115/230		1/2	13							15	1.75	3 9/16 X 2 1/16 (D)
599128	RFSN-9	UL/CSA	208/230		1	13							15	1.75	3 9/16 X 2 1/16 (D)
599210	RFSN-10	UL/CSA	115/230		1/2	13							20	1.75	3 7/16 X 2 13/16 (D)
599119	RFSN-10	UL/CSA	115/230		1	13							25	2	3 7/16 X 2 13/16 (D)
599211	RFSN-16	UL/CSA	115		3/4	15							20	2.5	4 1/4 X 3 3/8 (D)
			230		2	15							20		
599318	RFSN-20	UL/CSA	115		1.5	20							20	4.0	4 1/4 X 3 3/8 (D)
			230		3	20							20		

ITEM NO.	MODEL NO.	LIST/CERT.	VOLTS	HP	AMPS/WATTS	GALLONS PER MINUTE (GPM) AT HEIGHT							SHUT OFF (FT.)	PSI	CORD (FT.)	WGHT. (LBS.)	DIMENSIONS (H X L X W) (IN.)
						10'	20'	30'	40'	60'	80'	90'					
520100	20S-CIM	UL/CSA	208/230	2	18/4118	205	168	140	115	72			77	33.3	20	96	19.1 X 13 X 8.5
520125	20S-CIM*	UL/CSA	200/208	2	14.5/2769	205	168	140	115	72			77	33.3	20	94	19.1 X 13 X 8.5
520150	20S-CIM*	UL/CSA	230	2	12.6/2686	205	168	140	115	72			77	33.3	20	94	19.1 X 13 X 8.5
520175	20S-CIM*	UL/CSA	460	2	6.1/2771	205	168	140	115	72			77	33.3	20	94	19.1 X 13 X 8.5
520200	20E-CIM	UL/CSA	230	2	16.4/3872	NR	135	125	110	85	55	33	110	47.6	20	92	17.7 X 13 X 8.5
520225	20E-CIM*	UL/CSA	200/208	2	13.1/2478	NR	135	125	110	85	55	33	110	47.6	20	91	17.7 X 13 X 8.5
520250	20E-CIM*	UL/CSA	230	2	11.6/2476	NR	135	125	110	85	55	33	110	47.6	20	91	17.7 X 13 X 8.5
520275	20E-CIM*	UL/CSA	460	2	5.7/2571	NR	135	125	110	85	55	33	110	47.6	20	92	17.7 X 13 X 8.5

## RESIDENTIAL SEWAGE GRINDER PUMPS

ITEM NO.	MODEL NO.	LIST/CERT.	VOLTS	HP	AMPS/WATTS	GALLONS PER MINUTE (GPM) AT HEIGHT							SHUT OFF (FT.)	PSI	CORD (FT.)	WGHT. (LBS.)	DIMENSIONS (H X L X W) (IN.)
						10'	20'	30'	40'	60'	80'	90'					
520525	20G-CIM**	UL/CSA	208	2	13.5/2660	58	52	42	32				55	24.0	15	112	16.65 X 11.73 X 8.96
520509	20G-CIA-RFS	UL/CSA	230	2	12/2530	58	52	42	32	63	45	35	55	24.0	20	112	15.7 X 11.7 X 8.9
520625	20GH-CIM**	UL/CSA	208	2	20.0/4045	NR	NR	NR	NR	58	44	35	110	47.6	15	113	15.7 X 11.7 X 8.9
520535	20G-CIA-RFS	UL/CSA	208	2	13.5/2660	58	52	42	32				55	24.0	20	127	20.8 X 11.7 X 9.0
520609	20GH-CIA-RFS	UL/CSA	230	2	18/4060	NR	NR	NR	NR	58	44	35	110	47.6	20	113	20.8 X 11.7 X 8.9
520635	20GH-CIA-RFS	UL/CSA	208	2	20.0/4045	NR	NR	NR	NR	63	45	35	110	47.6	20	127	20.8 X 11.7 X 9.0
520650	20GH-RFK	208	230	2	18.0/4060	NR	NR	NR	NR	60	45	35	110	47.6	20	127	46 1/2 X 0 X 19 1/2

## GRINDER PUMPS

ITEM NO.	MODEL NO.	LIST/CERT.	VOLTS	HP	AMPS/WATTS	GALLONS PER MINUTE (GPM) AT HEIGHT							SHUT OFF (FT.)	PSI	CORD (FT.)	WGHT. (LBS.)	DIMENSIONS (H X L X W) (IN.)
						10'	20'	40'	60'	80'	100'	120'					
520865	GP-M231-15-H130	UL/CSA	230	2	13.9/3200	NR	32	31	30	25	20	10	130	65.0	15	75	13.5 X 11.5 X 9.3

† 3" Discharge

\* 3 phase model - requires use of a control panel.

\*\* Requires Little Giant control panel or Capacitor/Relay kit for proper operation.



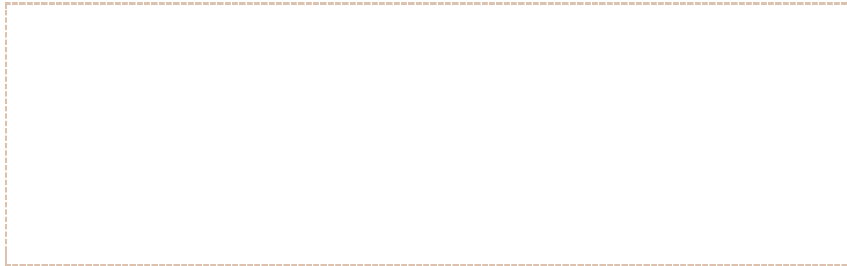
W a s t e w a t e r p u m p s

C o n d e n s a t e p u m p s

S u b m e r s i b l e p u m p s

M a g n e t i c d r i v e p u m p s

D I S T R I B U T E D B Y :



**Little GIANT<sup>®</sup>**  
**Pump Company**

P.O. Box 12010, Oklahoma City, OK 73157-2010

Phone (405) 947.2511 • Fax (405) 947.8720

[www.LittleGiantPump.com](http://www.LittleGiantPump.com)



**Revised  
9-06**