Wastewater

6 Series



Applications

• Little Giant 6 Series Sump Pumps are rated for continuous duty in basement sump, dewatering and water transfer applications

Features

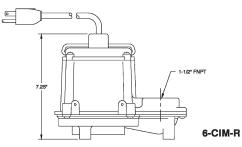
- 1/3 hp shaded pole motor with thermal overload protection
- Oil-filled motor housing
- Cast iron pump housing with protective epoxy coating for corrosion resistance
- 1-1/2" FNPT discharge
- Stainless steel screws, bolts and handle
- Mechanical seal (stainless steel spring, nitrile parts, carbon and ceramic faces)
- Upper and lower sintered sleeve bearings
- Manual and automatic models
- PVC leg kit lifts the pump off the bottom of the basin to help keep the intake screen free of debris (Included with item 506162 only)
- Automatic operation with integral diaphragm switch:
 - On level: 7" 10"

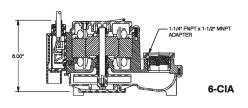
• Off level: 1" - 4" (Integral diaphragm switch is non-adjustable)

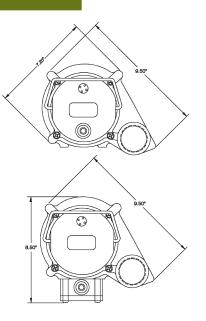
- Automatic operation with piggyback mechanical float switch:
 - On level: 9" 10.5"
 - Off level: 2" 3" (Pumping range is adjustable)

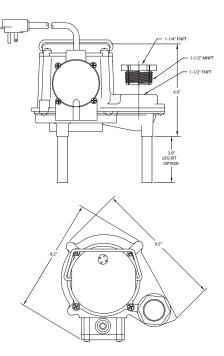
Little **GIANT**.

Engineering Data









Specifications														
Item No.	Model No.	Listing	HP	Volts	Amps	Watts	Flow (GPM @ Head)			Shutoff		Daman	Weight	Dimensions
							5'	10'	15'	Head (ft)	P.S.I.	Power Cord (ft)	Weight (lbs)	Dimensions (H x L x W) (in)
506271	6-CIM-R	cCSAul	1/3	115	9.0	720	46	29	12.5	18	7.8	10	16.50	7.25 x 9.50 x 7.25
506274	6-CIM-R	cCSAul	1/3	115	9.0	720	46	29	12.5	18	7.8	25	18.00	7.25 x 9.50 x 7.25
506125	6-CIA	cCSAul	1/3	115	9.0	720	46	29	12.5	18	7.8	25	18.50	6.00 x 9.50 x 8.50
506267	6-CIA-RS*	cCSAul	1/3	115	9.0	720	46	29	12.5	18	7.8	10	17.50	7.25 x 9.50 x 7.25
506266	6-CIM	_	1/3	230	4.5	720	46	29	12.5	18	7.8	12	18.75	6.00 x 9.50 x 8.50
506158	6-CIA	cCSAul	1/3	115	9.0	720	46	29	12.5	18	7.8	10	18.00	6.00 x 9.50 x 8.50
506162	6-CIA***	cCSAul	1/3	115	9.0	720	46	29	12.5	18	7.8	10	18.50	6.00 x 9.50 x 8.50
506166	6-CIA	cCSAul	1/3	230	4.5	720	46	29	12.5	18	7.8	10	18.50	6.00 x 9.50 x 8.50
506171	6-CIA-RFS**	cCSAul	1/3	115	9.0	720	46	29	12.5	18	7.8	10	17.75	7.25 x 9.50 x 7.25
All models are 60 Hz CIM – Manual CIA – Automatic Continuous Duty Rated — "Little Giant Wastewater pumps are rated continuous duty as long as they are r							as long as they are run within							

All models are 60 Hz CIM - Manual CIA - Automatic

*Manual pump with RS-5 diaphragm switch included to convert to automatic operation.

**Manual pump with piggyback mechanical float switch included for automatic operation.

***Includes PVC leg kit

Constructior

Cover	Polycarbonate					
Motor Housing	Epoxy coated cast iron					
Impeller Material	Nylon					
Impeller Type	Non-clog					
Volute	Polypropylene					
Power Cord	18-3, SJOW-A					
Mechanical Shaft Seal	Nitrile with carbon and ceramic faces					
Fasteners	Stainless steel					
Shaft	CRS					
Bearings	Upper: Sintered iron/copper, flanged sleeve Lower: Sintered iron/copper, flanged Sleeve					



Oklahoma City, OK 73157-2010 Phone: 1.800.701.7894 Fax: 1.800.678.7867 www.LittleGiantPump.com

SSPMA

©2010 Franklin Electric Co., Inc. Little Giant® is a registered trademark of Franklin Electric Co., Inc. Form 995201 - 06/11



Performance Data

