

6 SERIES - 1/3 HP

APPLICATIONS

Basement sumps, dewatering, water transfer

FEATURES

- Shaded pole motor with thermal overload protection
- Designed for continuous duty
- Oil-filled cast iron or cast bronze motor housing for an increased corrosion resistance option in brackish water
- PVC riser legs (506162 only)
- 1-1/2" FNPT discharge
- 1-1/4" FNPT reducer bushing included with select models
- 3/4" GHT garden hose adapter included with select models
- cCSAus listed (115 V models only)

SERIES SPECIFICATIONS

Volts	Hz	Amps		Watts	Gallons per minute (Liters per Minute) @ Height			Shut-Off	PSI
		FLA	Start		5'	10'	15'		
115	50/60	9.0	14.3	720	46 (174)	29 (110)	12.5 (47)	18' (5.48 m)	7.8

Item No.	Model	HP	Volts	Switch Type / Operation	On Level	Off Level	Cord	Weight lbs (Kg)
506158	6-CIA	1/3	115	Integral Diaphragm	7" - 10" 17.8 cm - 25.4 cm	1" - 4" 2.5 cm - 10.2 cm	10' (3 m)	18 (8.16 Kg)
506166	6-CIA	1/3	230	Integral Diaphragm	7" - 10" 17.8 cm - 25.4 cm	1" - 4" 2.5 cm - 10.2 cm	12' (3.6 m)	18 (8.16 Kg)
***506160	6-CIA-ML	1/3	115	Integral Diaphragm	4"-7" 10.2 cm - 17.8 cm	1-1/2" - 3-1/2" 3.8 cm - 8.9 cm	10' (3 m)	18 (8.16 kg)
*506162	6-CIA	1/3	115	Integral Diaphragm	10" - 13" 25.4 cm - 33.02 cm	4" - 7" 10.2 cm - 17.8 cm	10' (3 m)	18.5 (8.39 Kg)
506125	6-CIA	1/3	115	Integral Diaphragm	7" - 10" 17.8 cm - 25.4 cm	1" - 4" 2.5 cm - 10.2 cm	25' (7.6 m)	19.5 (8.85 kg)
506357	6-CBA	1/3	115	Integral Diaphragm	7" - 10" 17.8 cm - 25.4 cm	1" - 4" 2.5 cm - 10.2 cm	10' (3 m)	19.25 (8.73 Kg)
*506164	6-CIA	1/3	115	Integral Diaphragm	10" - 13" 25.4 cm - 33.02 cm	4" - 7" 10.2 cm - 17.8 cm	25' (7.6 m)	20 (9.07 Kg)
506171	6-CIA-RFS	1/3	115	Piggyback Mechanical Float	9.5" - 11.5" 24.1 cm - 29.2 cm	1" - 4" 2.5 cm - 10.2 cm	10' (3 m)	17.75 (8.05 Kg)
506267	6-CIA-RS	1/3	115	Piggyback Diaphragm	7" - 10" 17.8 cm - 25.4 cm	3" - 5" 7.6 cm - 12.7 cm	10' (3 m)	17.5 (7.94 Kg)
**506271	6-CIM-R	1/3	115	Manual	-	-	10' (3 m)	16.5 (7.48 Kg)
**506274	6-CIM-R	1/3	115	Manual	-	-	25' (7.6 m)	18 (8.16 Kg)
506266	6-CIM	1/3	230	Manual	-	-	12' (3.6 m)	16.5 (7.48 Kg)
506257	6-CBM	1/3	115	Manual	-	-	10' (3 m)	17.75 (8.05 Kg)

* Leg kit included

** 1-1/4" FNPT reducer bushing and 3/4" GHT garden hose adapter included

*** Not recommended for standard sump systems. Intended for use only with the Drainsaur WRSC system or other small sump basins with an operational depth of less than 10 inches.



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SUMP PUMP SWITCH REPAIR KIT

APPLICATIONS

- Switch repair kit

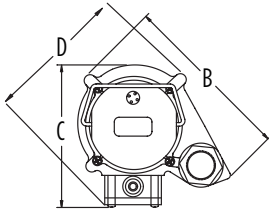
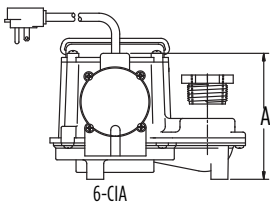
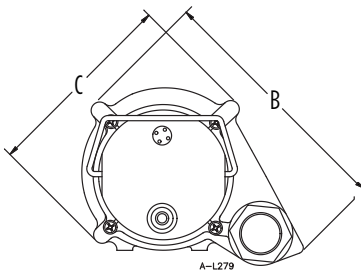
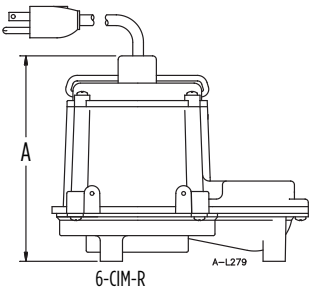
FEATURES

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



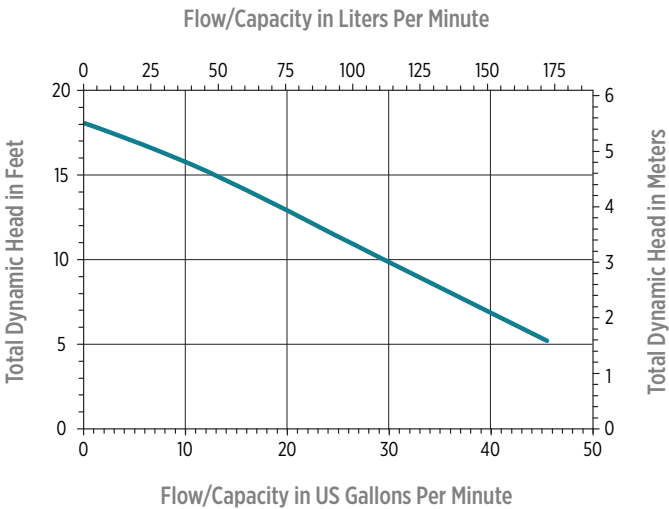
Item No.	Model	Volts	Housing
599300	SPRK-1	6-CIA and 6-CBA	✓
599310	SPRK-1-ML	6-CIA-ML (used in WRSC-6)	✓
599320	SPRK-2	6-CIA and 6-CBA	-
599314	SPRK-2-ML	6-CIA-ML (used in WRSC-6)	-

ENGINEERING DATA



Model	A	B	C	D
6-CIM-R, 6-CIA-RFS, 6-CIA-RF, 6-CIM, and 6-CBM	7.25" (18.42 cm)	9.5" (24.13 cm)	7.2" (18.29 cm)	-
6-CIA and 6-CBA	6" (15.24 cm)	9.5" (24.13 cm)	8.5" (21.59 cm)	8.2" (20.83 cm)

PERFORMANCE DATA



CONSTRUCTION

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

