



EFFLUENT PUMPS

MENU

LittleGIANT®

12E SERIES - 1/2 HP

APPLICATIONS

For use in dewatering, water transfer, and septic wastewater removal

FEATURES

- Heavy-duty epoxy coated cast iron housing for high strength and heat dissipation
- Designed for continuous duty
- Upper and lower ball bearings for long life
- Energy-efficient PSC motor with thermal overload protection
- Unique cloverleaf intake design allows higher flow with 3/4" (19 mm) diameter solids handling
- Ideal for high-head performance in vault applications while maintaining high flow and clog resistance using a cast iron non-clog impeller
- 2" FNPT discharge (51 mm)
- Three-year warranty
- Manual or automatic switch options for application flexibility
- 140 °F (60 °C) maximum liquid temperature rating
- cCSAus listed



12E-CIM

12E-CIA-RF



SERIES SPECIFICATIONS

Model	Volts	Hz	Amps			Gallons per minute (Liters per minute) @ Height							Shut-Off	PSI Bar
			FLA	Watts	Start	5'	10'	30'	15'	20'		40'		
12E-CIM	115	60	10	18	1100	50 (189)	48 (182)	46 (174)	43.5 (165)	33.9 (128)	22.5 (85)	7.5 (28)	53' (16.2 m)	22.9 1.6
12E-CIA-RF														

Item No.	Model	HP	Volts	Switch Type/Operations	On Level	Off Level	Cord	Weight lbs (Kg)
512001	12E-CIM	1/2	115	Manual	-	-	20' (6.1 m)	36.4 (16.5 kg)
512002	12E-CIA-RF	1/2	115	Piggyback Float Switch	12" - 15" (30.5 cm - 38.1 cm)	6" - 8" (15.2 cm - 20.3 cm)	20' (6.1 m)	37.7 (17.1 kg)

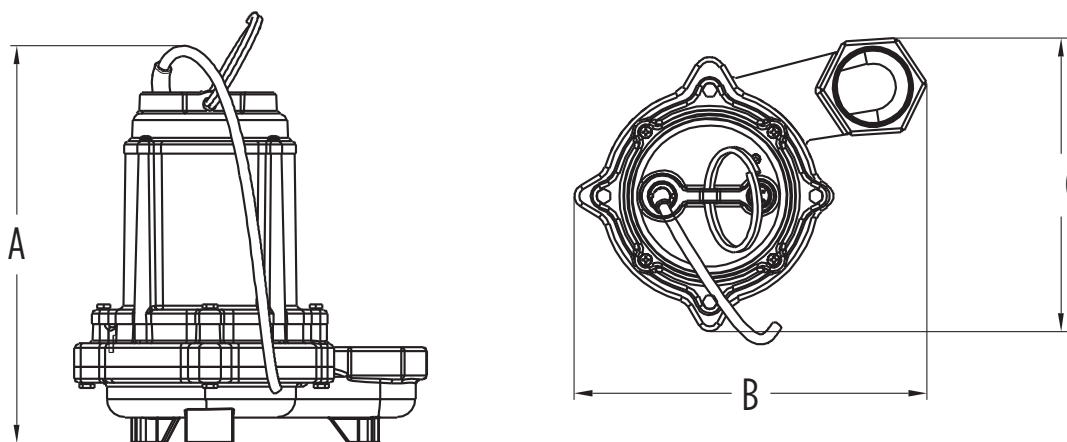




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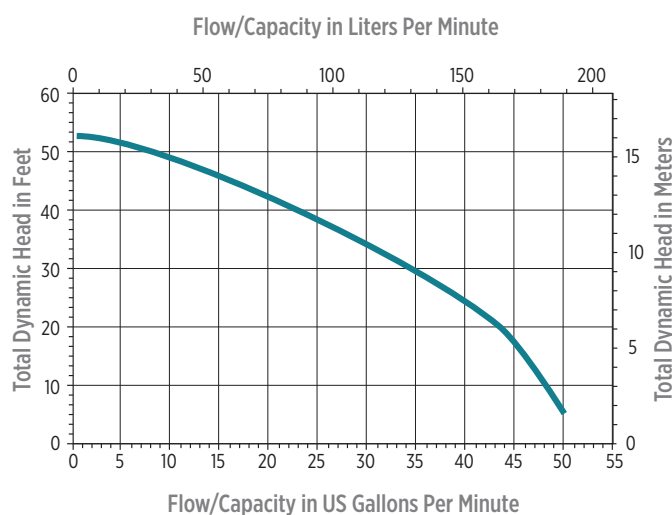
12E SERIES - 1/2 HP

ENGINEERING DATA



Model	A	B	C
12E-CIM	8.07" (20.50 cm)	7.75" (19.69 cm)	4.29" (10.90 cm)
12E-CIA-RF			

PERFORMANCE DATA



CONSTRUCTION

Cover	Epoxy-coated cast iron
Motor Housing	Epoxy-coated cast iron
Impeller Material	Cast iron
Impeller Type	Non-clog
Volute	Epoxy-coated cast iron
Mechanical Shaft Seal	Nitrile with carbon and ceramic faces
Fasteners	Stainless steel
Shaft	Stainless steel
Bearings	Upper and lower ball bearing
Power Cord	SJTW *SJTOW
RPM	3450

* 12E-CIA-RF model piggyback switch cord type

