

9ECH SERIES - 4/10 HP

APPLICATIONS

Effluent wastewater removal, dewatering, water transfer

FEATURES

- Permanent Split Capacitor (PSC)
- Designed for continuous duty
- Energy-saving low amp draw
- 1-1/2" FNPT (38 mm) discharge
- Handles solids up to 3/4" (19 mm) diameter
- Multiple switch options for automatic operation
- 140 °F (60 °C) liquid temperature rating
- cCSAus listed



9ECH-CIA-RF

9ECH-CIM

SERIES SPECIFICATIONS

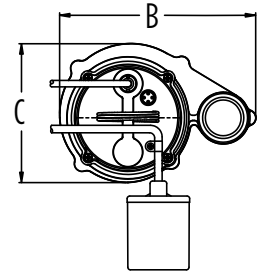
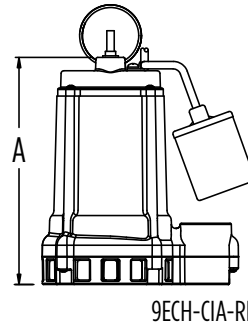
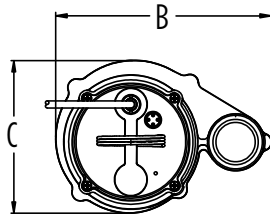
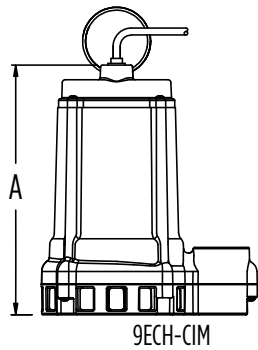
Model	HP	Volts	HZ	Amps	Watts	Max. Water Temp.	GPM / Liters per Minute @ Height					Shut-Off	
							5 ft / 1.5 m	10 ft / 3 m	20 ft / 6.1 m	30 ft / 9.1 m	40 ft / 12.2 m	ft / m	PSI / Bar
9ECH	4/10	115	60	7	830	140 °F / 60 °C	70 / 265	65 / 246	50 / 189	30 / 114	-	45 / 13.7	19.5 / 1.34
	4/10	230	60	-	-	140 °F / 60 °C	70 / 265	65 / 246	50 / 189	30 / 114	-	45 / 13.7	19.5 / 1.34

Item No.	Model	HP	Volts	Switch Type / Operation	On Level	Off Level	Cord	Weight
509531	9ECH-CIA-RF	4/10	115	Piggyback Float Switch	12" - 15" 30 cm - 38 cm	6" - 9" 15 cm - 23 cm	20' 6.1 m	38 lbs 17.24 Kg
509532	9ECH-CIM	4/10	115	Manual	-	-	20' 6.1 m	37 lbs 16.78 Kg
509533	9ECH-CIM	4/10	115	Manual	-	-	30' 9.1 m	38 lbs 17.24 Kg
509534	9ECH-CIM	4/10	230	Manual	-	-	20' 6.1 m	37 lbs 16.78 Kg

EFFLUENT PUMPS

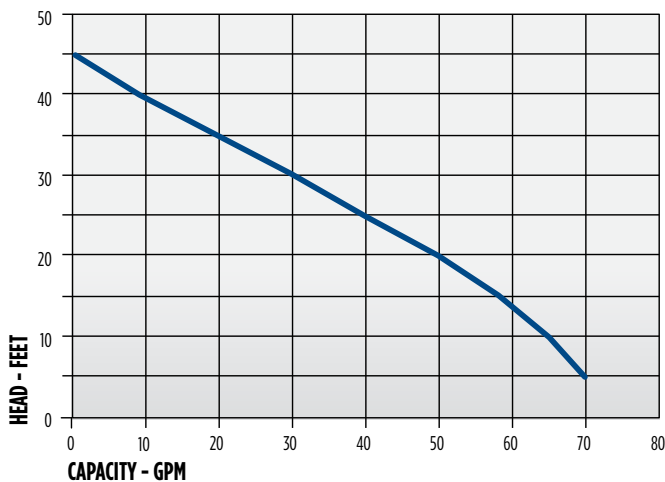
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ENGINEERING DATA



Model	A	B	C
9ECH-CIA-RF	10.9" (276.9 mm)	8.9" (226.1 mm)	8.4" (213.4 mm)
9ECH-CIM	10.9" (276.9 mm)	8.9" (226.1 mm)	8.4" (213.4 mm)

PERFORMANCE DATA



CONSTRUCTION

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

* On SFS models

** On 30' 9ECH-CIA-RF and 9ECH-CIM models