

10ECH SERIES - 1/2 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



SERIES SPECIFICATIONS

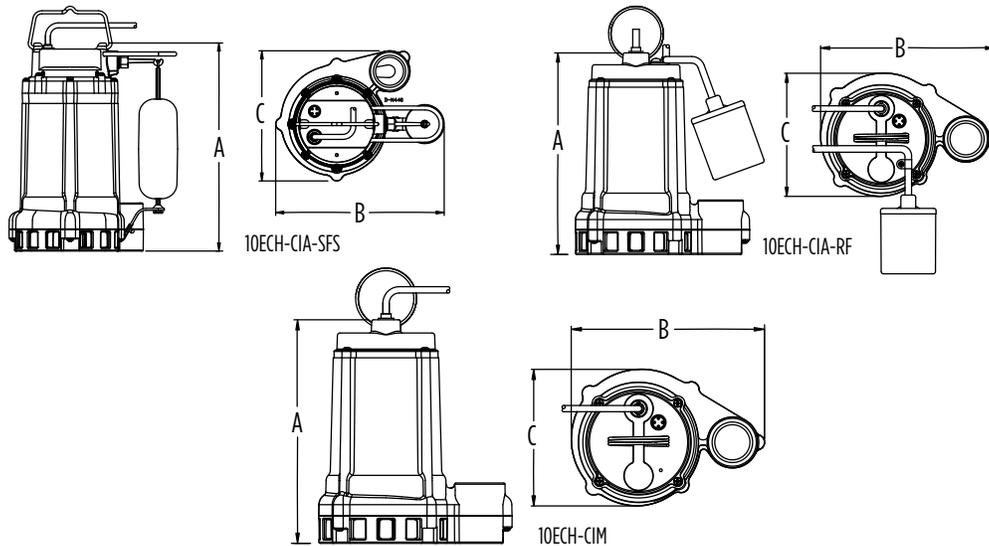
| Model | HP | Volts | HZ | Amps | Watts | Max. Water Temp. | GPM / Liters per Minute @ Height | | | | | Shut-Off | |
|-------|-----|-------|-------|------|-------|------------------|----------------------------------|-------------|---------------|---------------|----------------|-----------|-----------|
| | | | | | | | 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 |
| 10ECH | 1/2 | 115 | 60 | 9 | 1030 | 140 °F / 60 °C | 60 / 227 | 55 / 208 | 45 / 170 | 30 / 114 | 15 / 57 | 60 / 18.3 | 26 / 1.79 |
| | 1/2 | 230 | 50/60 | - | - | 140 °F / 60 °C | 60 / 227 | 55 / 208 | 45 / 170 | 30 / 114 | 15 / 57 | 60 / 18.3 | 26 / 1.79 |

| Item No. | Model | HP | Volts | Switch Type / Operation | On Level | Off Level | Cord | Weight |
|----------|---------------|-----|-------|-------------------------|----------------------------|---------------------------|--------------|--------------------|
| 511623 | 10ECH-CIA-SFS | 1/2 | 115 | Integral Float Switch | 8" - 11" 20 cm - 28 cm | 3" - 6" 8 cm - 15 cm | 20' 6.1 m | 38 lbs 17.24 Kg |
| 511624 | 10ECH-CIA-SFS | 1/2 | 115 | Integral Float Switch | 8" - 11" 20 cm - 28 cm | 3" - 6" 8 cm - 15 cm | 30' 9.1 m | 39 lbs 17.69 Kg |
| 511621 | 10ECH-CIA-RF | 1/2 | 115 | Piggyback Float Switch | 13" - 16" 33 cm - 41 cm | 7" - 10" 18 cm - 25 cm | 20' 6.1 m | 38 lbs 17.24 Kg |
| 511622 | 10ECH-CIA-RF | 1/2 | 115 | Piggyback Float Switch | 13" - 16" 33 cm - 41 cm | 7" - 10" 18 cm - 25 cm | 30' 9.1 m | 39 lbs 17.69 Kg |
| 511625 | 10ECH-CIM | 1/2 | 115 | Manual | - | - | 20' 6.1 m | 37 lbs 16.78 Kg |
| 511627 | 10ECH-CIM | 1/2 | 115 | Manual | - | - | 30' 9.1 m | 39 lbs 17.69 Kg |
| 511626 | 10ECH-CIM | 1/2 | 230 | Manual | - | - | 20' 6.1 m | 37 lbs 16.78 Kg |

EFFLUENT PUMPS

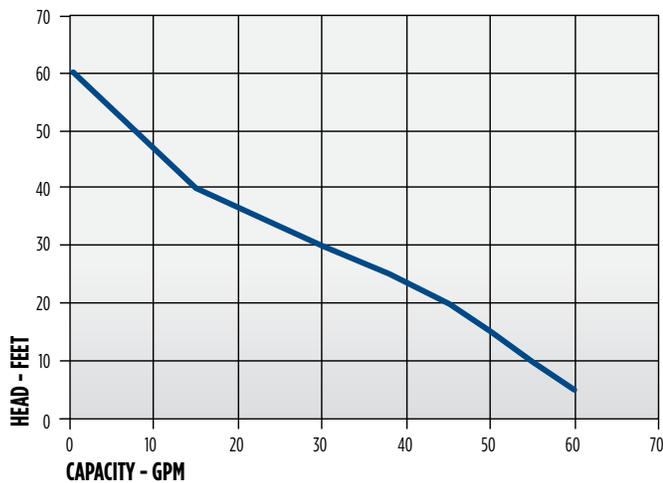
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ENGINEERING DATA



| Model | A | B | C |
|---------------|-------------------|------------------|------------------|
| 10ECH-CIA-SFS | 11.31" (287.3 mm) | 10.7" (271.8 mm) | 8.4" (213.4 mm) |
| 10ECH-CIA-RF | 11.3" (287.0 mm) | 8.9" (226.1 mm) | 8.4" (213.4 mm) |
| 10ECH-CIM | 11.31" (287.3 mm) | 8.85" (224.8 mm) | 8.41" (213.6 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' 10ECH-CIA-RF and 10ECH-CIM models