

Liberty Effluent Pumps

FL30-Series Low-Head Effluent Pumps

Specifically designed for 2 Tank Systems, Low Pump Pressure Systems, Mound Systems, Liquid Waste Transfer and Commercial Sump Applications



Overview:

- 1/3 HP
- 1 1/2" Discharge
- 3/4" Solids-handling

Utilizing the same heavy-duty design style as Liberty's LE-Series sewage pumps, the FL30-series offers a true commercial-grade low-head effluent pump with 3/4" solids handling capability. The FL30 features heavy cast iron construction, epoxy powder coat finish, and quick-disconnect power cords in 10' and 25'.

Features:

- Vortex impeller, made of high temperature engineering polymer, permits passage of solids without clogging
- Cast iron construction with all stainless and brass fasteners
- 416 stainless steel rotor shaft
- Oil-filled, thermally protected motor
- Permanently lubricated bearings
- Unitized shaft seal
- 10' power cord with quick disconnect design allows replacement of cord in seconds without breaking seals to motor (25' length optional)
- 1 1/2" FNPT discharge

FL50-Series High-Head Effluent Pumps



Overview

- 1/2 HP
- 1 1/2" Discharge
- 1/2" Solids-handling

The FL50-series by Liberty is a mid-range effluent pump designed for STEP systems, mound systems, liquid waste transfer and higher head dewatering applications. Built of heavy cast iron with an epoxy powder coat finish and stainless steel fasteners, the FL50 will provide years of reliable performance.

Features:

- Semi-open impeller permits passage of solids without clogging.
- Cast iron construction with all stainless and brass fasteners.
- 416 stainless steel rotor shaft.
- Oil-filled, hermetically sealed motors with thermal overload protection.
- Permanently lubricated upper and lower ball bearings.
- Unitized, carbon and ceramic shaft seal.
- Single float, mercury-free level control with series plug for manual by-pass operation – standard on automatic models.
- Adjustable pumping range.
- 1 1/2" FNPT discharge.
- Quick-disconnect 10' standard power cord allows replacement of cord in seconds without breaking seals to motor. (25' length optional)

FL60-Series High-Head Effluent Pumps



Overview

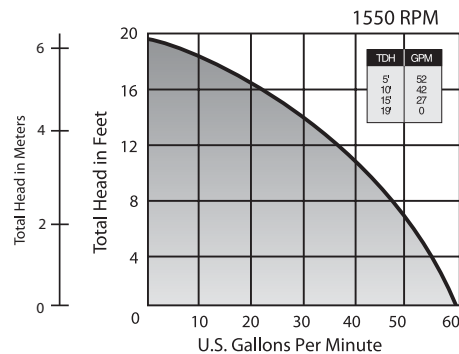
- 1/2 hp
- 1½" Discharge
- ½" Solids-handling

The FL60-series by Liberty is a high-head effluent pump designed for STEP systems, mound systems, liquid waste transfer and higher head de-watering applications. Built of heavy cast iron with an epoxy powder coat finish and stainless steel fasteners, the FL60 will provide years of reliable performance.

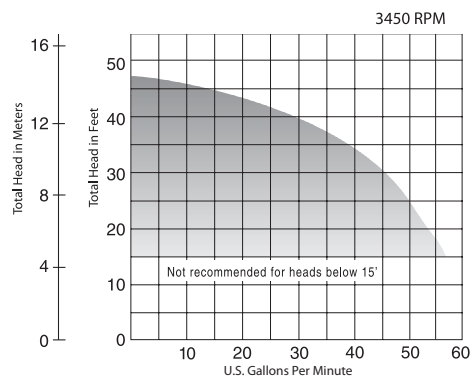
Features:

- Semi-open impeller permits passage of solids without clogging.
- Cast iron construction with all stainless and brass fasteners.
- 416 stainless steel rotor shaft.
- Oil-filled, hermetically sealed motors with thermal overload protection.
- Permanently lubricated upper and lower ball bearings.
- Unitized, carbon and ceramic shaft seal.
- Single float, mercury-free level control with series plug for manual by-pass operation – standard on automatic models.
- Adjustable pumping range.
- 1½" FNPT discharge.
- Quick-disconnect 10' standard power cord allows replacement of cord in seconds without breaking seals to motor. (25' length optional)

FL30 PERFORMANCE CURVE



FL50 PERFORMANCE CURVE



FL60 PERFORMANCE CURVE

