

# HT450-SERIES

High Temp Submersible Sump Pumps

# Liberty Pumps®

A Family and Employee Owned Company

**1/2 hp**  
**1-1/2" Discharge**  
**3/8" Solids Handling**  
**180°F Max Fluid Temperature**

## Features

- Vortex style impeller permits passage of solids without clogging
- Fiberglass reinforced nylon and powder coated aluminum construction
- Stainless steel rotor shaft
- All non-corrosive stainless steel fasteners
- Oil-filled, hermetically sealed motors with thermal overload protection
- Permanently lubricated upper and lower bearings
- Quick-connect 10' standard power cord allows replacement of cord in seconds without breaking motor seals

## Models

HT450 Manual

HT453 Mercury-free float switch with series plug



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# HT450-Series

## Features

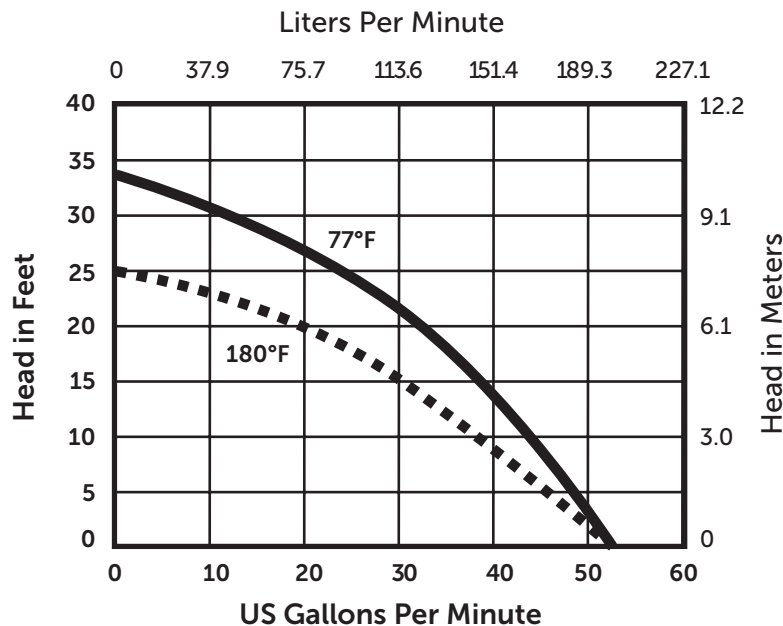
- Vortex style impeller permits passage of solids without clogging. Made of high temperature engineered thermoplastic
- Fiberglass reinforced nylon and powder coated aluminum construction
- Stainless steel rotor shaft
- All non-corrosive stainless steel fasteners
- Oil-filled, hermetically sealed motors with thermal overload protection
- Permanently lubricated upper and lower bearings
- Quick-connect 10' standard power cord allows replacement of cord in seconds without breaking motor seals
- Removable base allows suction down to 1/8"
- 3 YEAR LIMITED WARRANTY

## Motor Specifications

1/2 hp 115V 7.3A 60 Hz 3450 RPM  
 Oil-Filled; Thermally Protected  
 Maximum Fluid Temperature: 180°F (82°C)

## Performance Curve

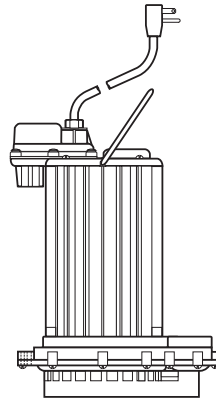
60 Hz, 3450 RPM



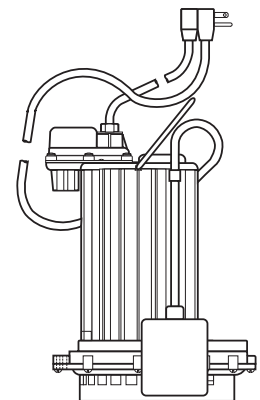
## Dimensional Data

**Weight:** 12.5 lbs  
**Height:** 12.5"  
**Major Width:** 9-3/5"  
**Minimum Sump Diameter:** 14"

## Models



**Model HT450**  
 Manual, no float switch



**Model HT453**  
 Wide-angle float switch with series plug allows for manual operation of pump