



### Applications

Specifically designed for the following use:

- Recirc Pump for Tankless Water Heaters

### Specifications

#### Pump

- Max Capacities: 3.8 GPM
- Max Head: 24.5'
- Pipe Connections:  
1/2" NPT connection to the angle stops
- Maximum Working Pressure: 150 PSI
- Maximum Temperature: 230° F
- Rotation: counter clockwise when viewed from the motor end

#### Motor

- AC Magnetically Driven Spherical Motor
- 115 Volt 98 Watts 60 Hz, 3450 RPM
- 230 Volt 98 Watts 50 Hz, 2850 RPM
- Automatic Overload Protection

### Features

#### Compact Design

Close coupled, space saving design provides easy installation.

#### Mounting

Pump can be mounted horizontally or vertically with motor end down.

#### Motor Bracket

Powder coated with SS fixture for easy installation.

#### Construction

Lead free brass construction nickle plated.

#### Ceramic Bearing Ball and Carbon Bearing Cap

High density ceramic bearing ball and graphite impeller bearing cap designed for high efficiency and long life.

#### Impeller

Highly efficient and dynamically balanced with carbon bearing for smooth ultra quiet operation.

#### Casing

Casing is Brass Volute type construction.

#### Mechanical Seal

Unique patented design has no mechanical seal which is a potential leak path.

#### Motor

Patented spherical motor pump design is ultra quiet and is designed for continuous operation. All ratings are within working limits of the motor.

#### Noise level

Whisper quiet, less than 30 db

#### Weight

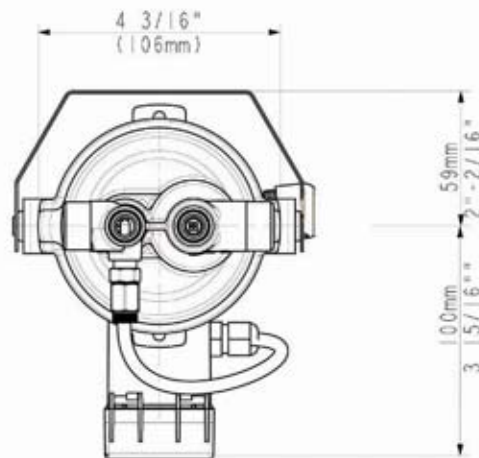
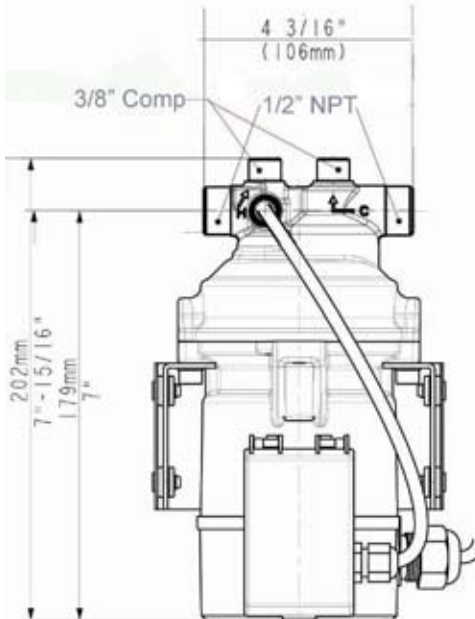
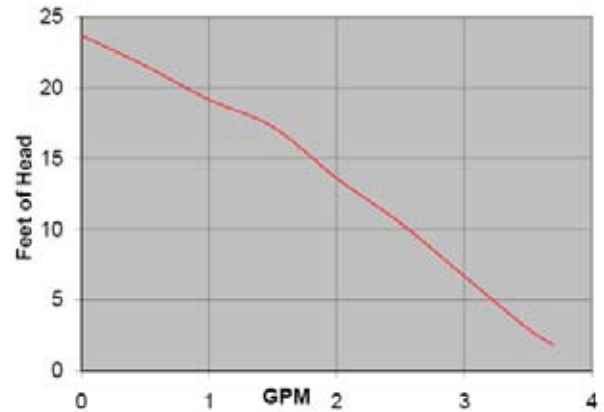
Lightweight construction weighs less than 6lbs.

## Series ACT 909/959 Tankless AC Canned Spherical Motor Centrifugal Pumps



Materials of Construction (Wetted Parts)

Part	Materials
Pump Housing	Lead Free Brass
"O" Ring	EPDM
Impeller	Nylon/PPO
Bearing	Carbon/ Ceramic
All Other Wetted Parts	316 Stainless Steel or Plastic



### Laing Thermotech, Inc.

830 Bay Boulevard, Suite 101 • Chula Vista, CA 91911 • USA  
 Ph: 619.575.7466 • Fax: 619.575.2739 • Email: customerservice@lainginc.com • www.lainginc.com  
 Laing Thermotech, Inc. • Effective August 2008 • Specifications are subject to change without notice