



Applications

Specifically designed for the following use:

- Recirc System for Tankless Water Heaters

Specifications

Pump

- Max Capacities: 6 GPM
- Max Head: 24'
- Pipe Connections:
3/4" Union Connections
- Maximum Working Pressure: 150 PSI
- Maximum Temperature: 230° F
- Rotation: counter clockwise when viewed from the motor end
- Timer and Temperature Controlled

Motor

- Canned Spherical Type Motor
- 909 - 115 Volt 98 Watts 60 Hz, 3450 RPM
- Automatic Overload Protection
- 959 - 230 Volt 80 Watts 50 Hz, 2850 RPM

Features

Compact Design

Close coupled, space saving design provides easy installation

Mounting

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

Construction

ASTM Lead Free Bronze Construction.

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 Bronze 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 UCT 909/959 Tankless AC Canned Spherical Motor Centrifugal Pumps



Materials of Construction (Wetted Parts)

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

