

Product

Plenum Rated CP Series Condensate Pump

Application

HVAC/R in plenum spaces UL tested and certified to UL2043

Purpose

This product is designed for use in plenum spaces and can automatically pump condensate produced by HVAC/R equipment up to 22 ft. vertically once the level of condensate in the tank reaches a specified level.

Advantages

CP-22 plenum-rated pumps beat the industry standard of 20 ft. lift height by 2ft. and come with innovative features such as: vibration dampening feet and motor mounts, metal hang tabs, four inlet holes (and 3 poly covers for the unused), LED indicators, float switch and duckbill-style check valve and detailed installation instructions. Pump comes with alarm safety switch.

Utilizing the same great features as the CP-22 but in a low-height (4-3/8 in.) design, the CP-22LP-P and CP-22LP-230-P are great for tight plenum spaces.

Technical Specification

Maximum Condensate Temperatures

- Continuous duty 140°F
- Maximum inlet temperature 160°F
- Not suitable for contact with steam or gasses that exceed 160°F

Rated Voltage

115 VAC / 230 VAC / 60Hz

Rated Current Draw

- 1.9 Amps (120 VAC)
- 1.0 Amps (230 VAC)

Power Input

- Fitting accepting 1/2in. flexible conduit
- Flying Leads (NOTE: see pg. 2 for Wiring Color References)

Water Inlet Type

- 3/4 in. PVC (1.050 in. OD)

Water Outlet Type

- 3/8 in. Barbed Fitting

Alarm Circuit

- Up to 125 VAC, 5A or 250 VAC, 3A
- Normally closed

Plenum Rating

- UL 2043



CP-22LP-P

Maximum Lift Height

- 22 ft. (NOTE: Every Asurity® condensate pump is computer tested to ensure excellent performance at all pumping levels.)

Flow Rate @ Zero Head

- 1.6 gallons per minute

Dimensions

- 11.375 in. x 5.5 in. x 4.25 in. high

Inlet Height from Base

- 1.75 in.

Tank Capacity

- 3/8 gallon

Included Accessories

- Instruction Booklet
- Metal Hang Tabs
- 1/2 in. 90° Conduit Fitting
- Polyethelene Inlet Covers (3)

Wiring Color References

- 115V
 

|                    |  |
|--------------------|--|
| - Black – Live/Hot | - Green – Ground                             |
| - White – Neutral  | - Yellow and Yellow with Black Strip – Alarm |

(All installations must conform to local building codes)
- 230V
 

|                    |  |
|--------------------|--|
| - Brown – Live/Hot | - Green – Ground                             |
| - Blue – Live/Hot  | - Yellow and Yellow with Black Strip – Alarm |

(All installations must conform to local building codes)