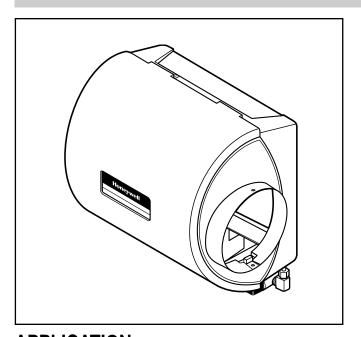
# HE220A,B By-Pass Flow-Through Humidifier

## SPECIFICATION DATA



# **APPLICATION**

The HE220A,B By-Pass Flow-Through Humidifier uses the warm air furnace blower to provide humidification for the whole house. The HE220A, B works with virtually any Honeywell humidity control, but the Honeywell Perfect Climate Comfort Center™ Control allows optimal performance.

## FEATURES/BENEFITS

- Capable of humidifying a large area up to 3,000 sq ft (280 sq m).
- Proven technology used for high performance humidification and enhanced comfort.
- Preassembled for quicker installation.
- Small footprint, light weight and reversible components allow easy mounting on either warm air supply or cold air return of any forced air furnace.
- Interior components designed for quick maintenance and service.
- Includes easy-to-use humidistat that mounts on the wall or duct for more installation flexibility.
- Perfect Climate Comfort Center™ Control can be installed to replace both the thermostat and humidstat for improved aesthetics and convenience.
- Continuous flushing reduces the frequency of maintenance.

## **SPECIFICATIONS**

## Capacity:

At 120°F (49°C) plenum temperature and 0.20 static pressure drop across supply and return:

12 gallons per day (gpd) or 46 liters per day (lpd).

#### **Humidified Area:**

House	Air Changes Area		(Up To)	
Description	Per Hour	sq ft	sq m	
Loose	Two	750	70	
Average	One	1,500	140	
Tight	One-half	3,000	280	



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#### **Electrical:**

24 Vac, 60 Hz, 0.5A.

Humidifier Pad Dimensions (Height x Width x Depth): 9 13/16 in. x 9 1/2 in. x 1 1/2 in. (249 x 241 mm x 38 mm).

# Plenum Opening Dimensions (Height x Width):

9 7/16 in. x 9 5/16 in. (241 mm x 238 mm).

Summer Shut-off Damper Dimensions (Height x Width): 9 3/16 in. x 8 7/8 in. (234 mm x 226 mm).

#### By-Pass Duct Opening (Diameter):

6 in. (152 mm).

#### **Drain Connection:**

1/2 in. (13 mm) ID plastic hose connected directly to drain fitting on unit.

#### **Dimensions:**

Refer to Fig. 1.

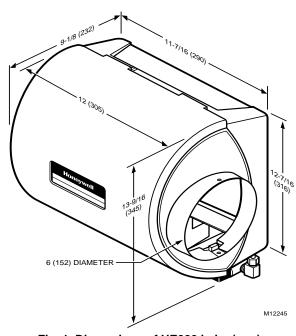


Fig. 1. Dimensions of HE220 in in. (mm).

#### Approvals:

Underwriters Laboratories, Inc. Listing: 56BL. Canadian Underwriters Laboratories Listing: 56BL.

#### **Testing Standard:**

Air-Conditioning and Refrigeration Institute: Standard 610.

#### Models:

HE220A Tradeline® By-Pass Flow-Through Humidifier package includes humidifier pad, mounting template, self-piercing saddle valve, 24 Vac transformer and H908 Convertible Humidity Control.

HE220B Tradeline® By-Pass Flow-Through Humidifier package includes humidifier pad, mounting template, self-piercing saddle valve, 24 Vac transformer and H1008 Automatic Humidity Control with HumidiCalc+™ Software.

#### Accessory:

PC8900 Perfect Climate Comfort Center™ Control.

## INSTALLATION

Refer to Fig. 2 for a typical installation.

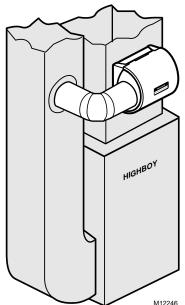


Fig. 2. Typical installation of the HE220 Humidifier.

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