



MODEL 465-C1 | *Rotating Drum Bypass Humidifier*



TECHNICAL DATA

Create a Healthier, More Comfortable Indoor Climate

Everyone can benefit from properly-humidified air. And Herrmidifier humidifiers help maintain the healthiest level of relative humidity possible. That means increased comfort and decreased levels of bacteria, viruses, fungus, and mites.

Save on Energy Costs While Improving Comfort

Increasing a home's relative humidity makes it feel more comfortable at 68°F / 20°C than it does at 73°F / 23°C at a low relative humidity level. And lower thermostat settings deliver substantial savings on monthly energy bills.

Protect Fine Furniture

Proper humidification can also protect fine wood furniture, pianos, cabinets, fabrics, and floors. That's because wood tends to shrink, split, and crack in an environment that is too dry. Adding the proper amount of moisture to the air helps eliminate these problems.

With the Model 465-C1 You Get:

- **Multiple Installation Options** — The unit mounts on a right- or left-hand discharge with only 1/2" (13 mm) of overhead clearance. Plus, a self-piercing saddle valve makes installation even easier.
- **Great Compatibility** — Works with a heat pump or with gas-/oil-fired furnaces.
- **Easy Maintenance** — Accessing the unit is a snap; just remove the two retaining clips!
- **Externally Adjustable Water Level** — This makes servicing the unit fast and simple.
- **High Capacity** — The unit can help to achieve comfortable conditions in even the largest residential environment.
- **Flexible Humidity Control** — The humidistat adjusts from 20% to 80% relative humidity.
- **2-Year Warranty**

How Herrmidifier Rotating Drum Humidifiers Work

This rotating drum type humidifier is installed on either the return or supply duct, where air is drawn across the moistened evaporator pad (wetted through the home's water supply), creating a superfine mist that is released into the home. An adjustable, precision-made humidistat allows the unit to be set for optimum relative humidity.



engineered humidification systems

465-C1 ROTATING DRUM BYPASS HUMIDIFIER

MODEL	465-C1
PART NO.	352440-001
TYPE OF UNIT	Bypass rotating drum
MAX EVAPORATIVE CAPACITY	22.5 Gallons per day – GPD (3.55 LPH)
VOLT/Hz/MOTOR	24 V, 60 Hz, 3 watt motor
EVAPORATOR PAD INCHES (mm)	8 ¹ / ₂ W x 1 D x 25 H (216 x 25 x 635)
DIMENSIONS INCHES (mm)	14 ³ / ₄ W x 11 D x 11 ¹ / ₂ H (375 x 280 x 292), NOTE: height including clearance is 14 ³ / ₄ " (375 mm)
PACKAGING INCHES (mm)	16 ³ / ₄ x 13 x 13 ¹ / ₂ (425 x 330 x 343)
DUCT OPENING INCHES (mm)	4 ⁵ / ₈ x 7 ⁵ / ₈ (117 x 194)
WEIGHT LBS (kg)	12 (5.44) / shipping – 14 (6.35)
HUMIDISTAT	24 V, Adjustable from 20% to 80% RH
WATER INTAKE	1/4" (6 mm) Copper or plastic, 20–120 psi (0.7–8.3 bar), not included
DRAIN TUBING	1/2" (13 mm) I.D. Plastic, not included
BYPASS	7" (179 mm) Diameter flexible or rigid duct, not included

Evaporative Supply Capacity — Gallons per day (Liters per hour)

FURNACE TEMPERATURE	SUPPLY	RETURN
100°F/37.7°C	10.6 (1.67)	7.8 (1.23)
120°F/48.8°C	16.5 (2.60)	12.4 (1.95)
140°F/60°C	22.5 (3.55)	17.1 (2.70)



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