

465-C1

Rotating Drum Bypass Humidifier



TECHNICAL ENGINEERING SPECIFICATION



Performance:

- Save on Energy Costs and Improve 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
- Lower Thermostat Settings Deliver Substantial Savings on Monthly Energy Bills

Features:

- Unit Mounts on a Right or Left-Hand Discharge
- Great Compatibility – Works with a Heat Pump or with Gas/Oil Fired Furnaces
- Self-Piercing Saddle Valve Makes Installation Easy
- Accessing the Drum Is a Snap – Just Remove The Retaining Clip For Easy Maintenance
- High Capacity Unit Can Help Achieve Comfortable Conditions in Even the Largest Residential Environment
- Flexible Humidistat Controls Adjust from 20% to 80% Relative Humidity

How 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. The adjustable, precision-made humidistat allows the user to choose the optimum level of relative humidity for indoor comfort.

Warranty:

- 2-year Limited Warranty

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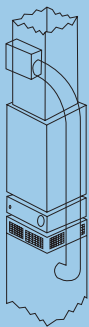
465-C1

Model	465-C1
PART NO.	352440-001
TYPE OF UNIT	Bypass Rotating Drum
MAX EVAPORATIVE CAPACITY	22.5 Gallons Per Day – (3.5 LPH)
VOLT/Hz/MOTOR	24 V, 60 Hz, 3 Watt Motor
EVAPORATOR PAD	81/2" W x 1" D x 25" H (216mm W x 25mm D x 635mm H)
DIMENSIONS	143/4" W x 11" D x 111/2" H (375mm W x 280mm D x 292mm H), NOTE: Height Including Clearance is 143/4" (375mm)
PACKAGING	14" W x 221/2" H x 171/2"L (356mm W x 572mm H x 444mm L)
DUCT OPENING	45/8" x 75/8" (117mm x 194mm)
WEIGHT	12 lbs (5.44 kg) / Shipping – 14 lbs (6.35 kg)
HUMIDISTAT	24 V, Adjustable from 20% to 80% RH
WATER INTAKE	1/4" (6mm) Copper or Plastic, 20–120 PSI (1.4 – 8.3 Bar), Not Included
DRAIN	1/2" (13mm)
BYPASS	7" (179mm) Diameter Flexible or Rigid Duct, Not Included

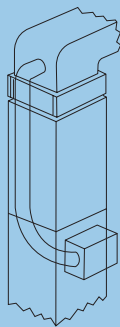
Evaporator Supply Capacity

Furnace Temp.		Supply		Return	
°F	°C	Gallons per Day	Liters per Hour	Gallons per Day	Liters per Hour
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

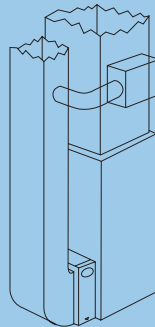
Installation Options



Upflow Bottom Return



Downflow Counterflow



Upflow Side Return



Horizontal



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Trion® | 101 McNeill Road | Sanford, NC 27330 | Phone: 800-884-0002 | Fax: 800-458-2379
Web: www.trioninc.com | Email: customerservice@trioninc.com