

# CM200

## Flow-Through Humidifier



### PRODUCT DATA SHEET



#### Overview:

The compact, durable CM200 evaporative humidifier was designed for homes up to 2800 square feet, where there may be limited space available for mounting. The evaporated water is released into the home by the furnace or air handler. The adjustable, humidistat allows the user to choose the optimum humidity level for maximum indoor comfort. As warm air passes across the moist humidifier pad, water is evaporated into the air stream. This raises the relative humidity of the air and contributes to the overall indoor air quality. Controlled humidity helps alleviate respiratory ailments as well as protect home furnishings and woodwork from the damages associated with dry air. When used with warm air furnaces, CM200 humidifiers deliver a peak capacity of 13 gallons per day.

#### Features:

- » Easy to install, compact, and durable design.
- » Adjustable, precision duct or wall mounted humidistat allows the unit to be set for optimum relative humidity.
- » Universal mounting allows for left or right side air intake when installed.
- » 2" evaporator pad expands the evaporative area for water supply and increases performance.
- » Accessible from the front, making pad changes easy.
- » Serviceable internal water filter protects solenoid.
- » Self-piercing saddle valve and a 24v brass solenoid valve makes installation easy.
- » Wide 6" duct collar for ease of installation.
- » Uses standard humidifier 24VAC power input.
- » Complete installation kit and humidistat control included for immediate installation.
- » Single screw secures cover.

#### Benefits:

- » Saves on HVAC energy costs while improving indoor 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.

#### Warranty:

- » 5-year limited warranty.

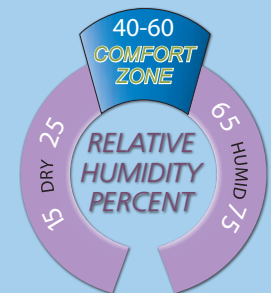
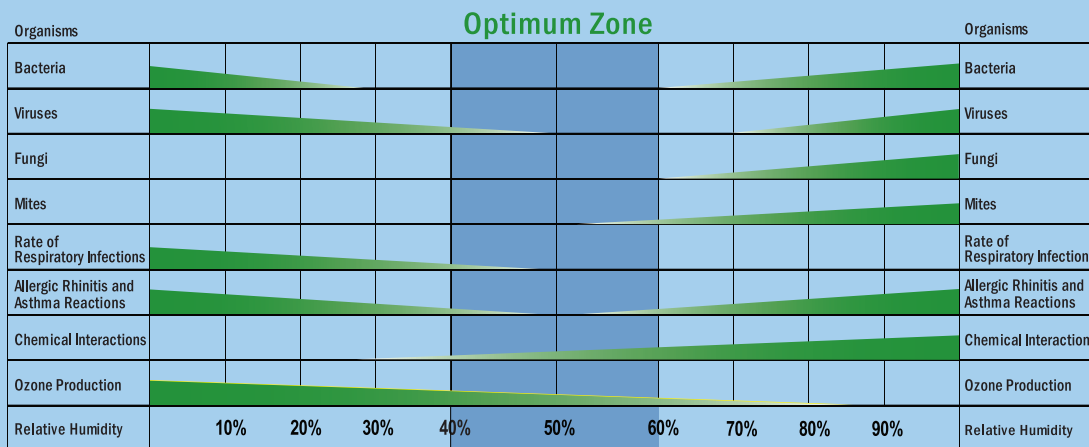
### PRODUCT DATA SHEET

Model	CM200
Part No.	266816-001
Sizing	Up to 2800 sq ft/260m <sup>3</sup>
Nominal capacity**	13 GPD/1.9 liters/hr
By-pass duct	6"/15cm Ø x 24"/61cm
Plenum opening	9 1/4"/235mm W x 8 1/4"/210mm H
Unit dimensions	13"/330mm W x 12"/305mm H x 8 3/4"/222mm D
Evaporative surface	9.75"/250mm W x 9.75"/250mm H x 1 5/8"/40mm D
Electrical supply	24 VAC/60Hz
Solenoid	24 VAC
Water Connection	0.25"/64mm Ø OD
Drain requirement	Yes
Shipping dimensions	13.5"/343mm W x 12 3/4"/324mm D x 13 1/4"/337mm H
Shipping weight	8 lbs/3.6Kg

\* Based on tight construction, 8 foot ceilings as per ARI Guideline F

\*\*Based on 120F/49C entering air temperature, 165CFM air flow

### Optimum Humidity Zone:



### Zones

The typical heated home's relative humidity is less than 15% during the winter months. Relative humidity should be between 40 and 60% in order to maximize comfort.

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