

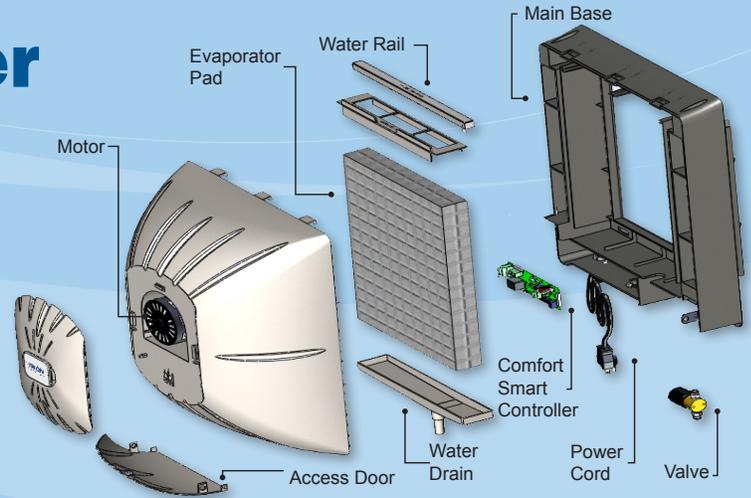
# ComfortBreeze™ CB100

Fan Powered Evaporative Humidifier



## PRODUCT DATA SHEET

### H<sub>2</sub>O Smart™ Humidifier



#### Overview:

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. ComfortBreeze™ humidifiers consume very little electricity and are available with optional patent-pending H<sub>2</sub>O Smart™ Technology to minimize water consumption and maximize output capacity. H<sub>2</sub>O Smart controls are equipped with fault annunciation and a service indicator to assist in troubleshooting any problems that may occur. Since the CB100 is powered by its own fan, it may be used on any type furnace system and its capacity, operation and performance won't suffer due to minimal air volumes present with variable speed furnace systems.

#### Features:

- H<sub>2</sub>O Smart Technology controls self adjust to compensate for variations in temperature, airflow, and water pressure allowing the CB100S to provide maximum performance and water savings regardless of system conditions. H<sub>2</sub>O Smart equipped humidifiers have the highest peak capacity\* and are the only humidifiers available with a constant drain water ratio.
- Environmentally Friendly - ComfortBreeze™ humidifiers consume less than 100 watts of electricity and H<sub>2</sub>O Smart Technology translates into greater than 80% water savings versus conventional competing units.
- Versatile Installation - Fan-powered models are compatible with any type furnace system: single stage, variable speed, or modulating.
- Push-To-Lock Fittings - Water connections provide quick and easy installation and worry-free operation.
- Fault Annunciation - The CB100S provides LED indication of fault codes and when evaporative pad replacement is necessary.
- Independent Operation - The CB100S can be installed so that a "call for heat" is not required for the unit to deliver humidification. H<sub>2</sub>O Smart equipped models feature a relay that can power the HVAC blower.

#### Operational Benefits:

- H<sub>2</sub>O Smart Technology maximizes humidification capacity while conserving water across all temperature conditions.
- Increasing a home's relative humidity can make it feel comfortable at a lower temperature. (68°F can feel equivalent to a dry 73°F)
- Lower thermostat settings can deliver substantial savings on monthly energy bills. Every degree of setback represents about a 3% savings on heating costs.
- Save on energy costs while improving comfort.
- No need to plumb to hot water lines as is recommended for other evaporative humidifiers to "help" improve their performance. H<sub>2</sub>O Smart technology automatically maximizes evaporative performance without the added cost of using hot water.

#### Warranty:

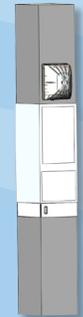
- 5-Year Limited Warranty

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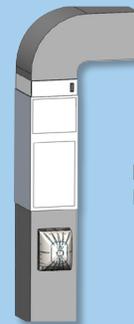
#### ComfortBreeze™ CB100

Model	CB100S with H <sub>2</sub> Osmart™ Technology	CB100
Part No.	265713-001	265713-002
Type of Unit	Fan Powered Evaporative	Fan Powered Evaporative
Peak Capacity (GPD)*	18 Gallons per Day	18 Gallons per Day
Humidistat Type	Electronic	Mechanical
H <sub>2</sub> Osmart™ Technology	Yes	No
Capacity Reduction	Yes	No
Water Supply	20-100 PSI	20-100 PSI
Voltage (Amps)	120VAC (0.8A)	120VAC (0.8A)
Unit Dimensions	14.58" W x 11.24" D x 18.12" H	14.58" W x 11.24" D x 18.12" H
Water Connection	1/4" OD Tubing	1/4" OD Tubing
Overflow Connection	1/2" ID Tubing	1/2" ID Tubing
Shipping Weight	17 Lbs.	17 Lbs.
Operating Weight	13 Lbs.	13 Lbs.
Approvals (Pending)	ETL (US & Canada)	ETL (US & Canada)

\* Peak capacity as tested at 140°F air temperature. Nominal capacity at 120°F is 18 GPD.



Upflow  
Bottom  
Return



Down  
Flow

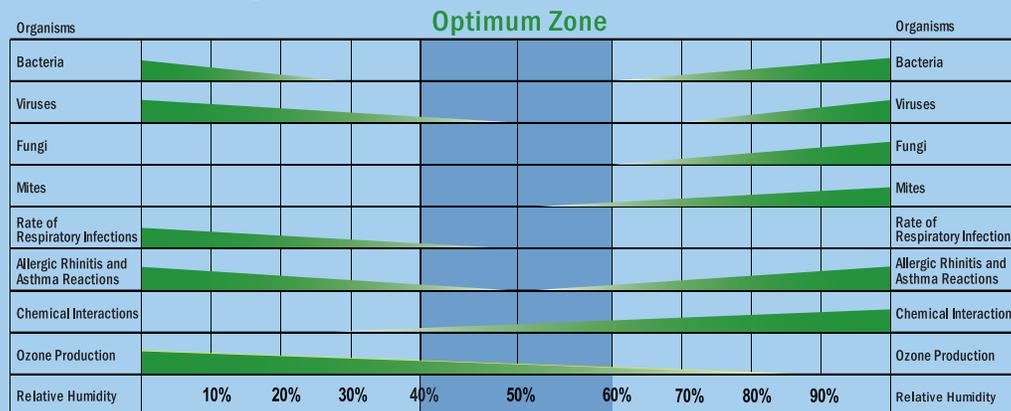


Horizontal  
Flow



Upflow  
Side  
Return

#### Optimum Humidity Zone:



Indoor Air Quality Since 1947.

ISO 9001:2008 Certified.

Industry Memberships:



Proudly Designed,  
Engineered, and  
Manufactured in the USA.\*



\*Manufactured with domestic and foreign components.

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please contact us at:

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