

ComfortBreeze™ CB300

By-Pass Evaporative Humidifier

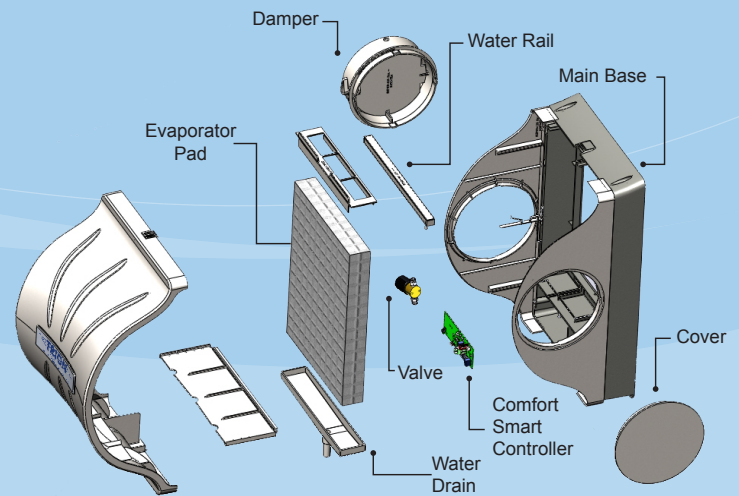


TECHNICAL SPECIFICATION



COMFORTSmart™
TECHNOLOGY

* Patent Pending



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 minimal electricity and are available with optional patent-pending ComfortSmart™ Technology to minimize water consumption and maximize output capacity. ComfortSmart™ controls are equipped with fault annunciation and a service indicator to assist in troubleshooting any problems that may occur. When used with warm air furnaces, ComfortBreeze™ CB300S humidifiers deliver a peak capacity* of 22 gallons per day.

Features:

- ComfortSmart™ Technology - ComfortSmart™ controls self adjust to compensate for variations in temperature, airflow, and water pressure allowing the CB300S to provide maximum performance and water savings regardless of system conditions.
- Environmentally Friendly - ComfortBreeze™ humidifiers consume less than 10 watts of electricity and ComfortSmart™ Technology translates into greater than 80% water savings versus conventional competing units.
- Versatile Installation - By-Pass models include a summer/winter shut-off damper and can deliver a peak capacity* of 22 gallons per day.
- Push-To-Lock Fittings - Water connections provide quick and easy installation and worry-free operation.
- Fault Annunciation - The CB300S provides LED indication of fault codes and when evaporative pad replacement is necessary.
- Independent Operation - The CB300S can be installed so that a “call for heat” is not required for the unit to deliver humidification. ComfortSmart™ equipped models feature a relay that can power the HVAC blower.

Operational Benefits:

- ComfortSmart™ 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. ComfortSmart™ technology automatically maximizes evaporative performance without the added cost of using hot water.

Warranty:

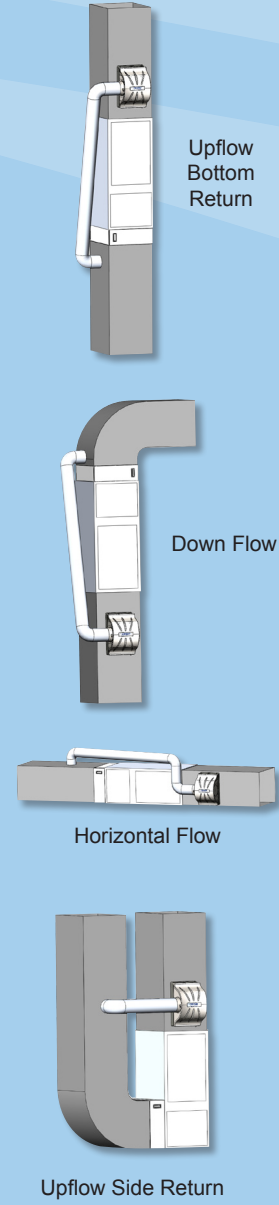
- 5-Year Limited Warranty

TECHNICAL SPECIFICATION

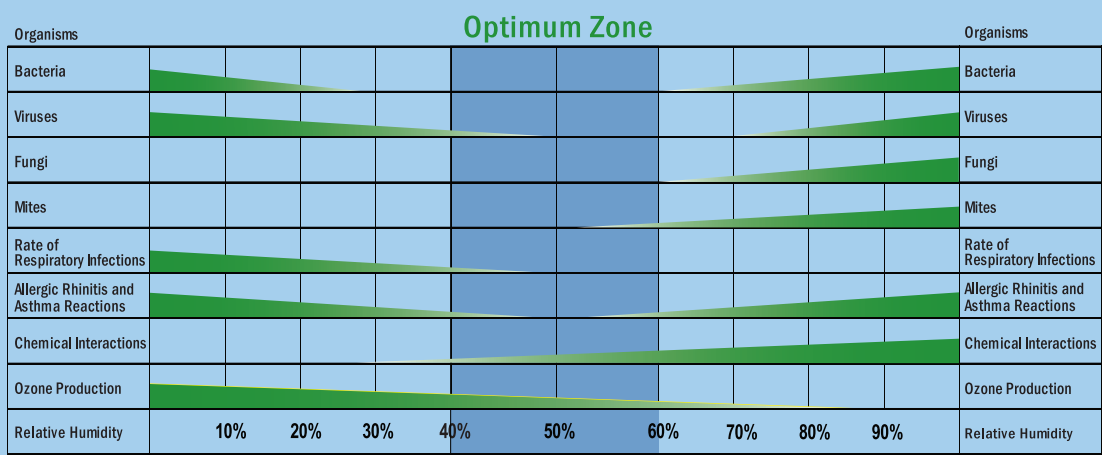
ComfortBreeze™ CB300

Model	CB300S with ComfortSmart™ Technology	CB300
Part No.	265686-001	265686-002
Type of Unit	By-Pass Evaporative	By-Pass Evaporative
Peak Capacity (GPD)*	22 Gallons per Day	22 Gallons per Day
Humidistat Type	Electronic	Mechanical
ComfortSmart™ Technology	Yes	No
Capacity Reduction	Yes	No
Water Supply	20-100 PSI	20-100 PSI
Voltage (Amps)	24VAC (0.25A)	24VAC (0.25A)
Unit Dimensions	14.13"W x 10.00" D x 19.00" H	14.13"W x 10.00" D x 19.00" H
Water Connection	1/4" OD Tubing	1/4" OD Tubing
Overflow Connection	1/2" ID Tubing	1/2" ID Tubing
Ducted Opening	9.75"W x 13.00"H	9.75"W x 13.00"H
By-Pass Duct Size	6.00" Round	6.00" Round
Shipping Weight	11.25 Lbs.	11.25 Lbs.
Operating Weight	8.5 Lbs.	8.5 Lbs.

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



Optimum Humidity Zone:



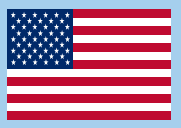
Indoor Air Quality Since 1948.

ISO 9001:2008 Certified.

Industry Memberships:



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



*Manufactured with domestic and foreign components.

To help serve you better, please contact us at:

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