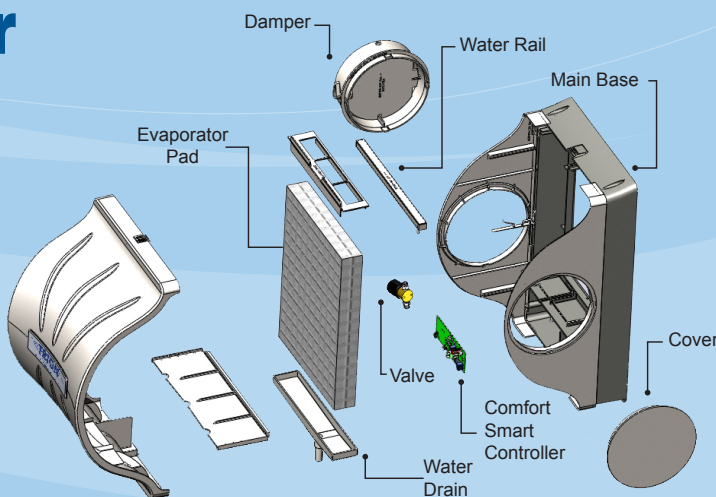


# ComfortBreeze™ CB300 and CB300S

## By-Pass Evaporative Humidifier



### PRODUCT DATA SHEET



#### 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, patented<sup>1</sup> H<sub>2</sub>O Smart™ technology to minimize water consumption and maximize output capacity. The 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. When used with warm air furnaces, ComfortBreeze™ CB300S humidifiers deliver a peak capacity of 18 gallons per day.

#### Features:

- H<sub>2</sub>O Smart™ technology - the smart controls automatically 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 H<sub>2</sub>O Smart Technology translates into greater than 85% 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 18 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. 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. The patented H<sub>2</sub>O Smart technology automatically maximizes evaporative performance without the added cost of using hot water.

#### Warranty:

5-Year Limited Warranty

<sup>1</sup>Air System Components, Inc. "Air Humidification Systems." Patent 9,285,133. 15 March 2016.



UNITS NOT FOR COMMERCIAL USE

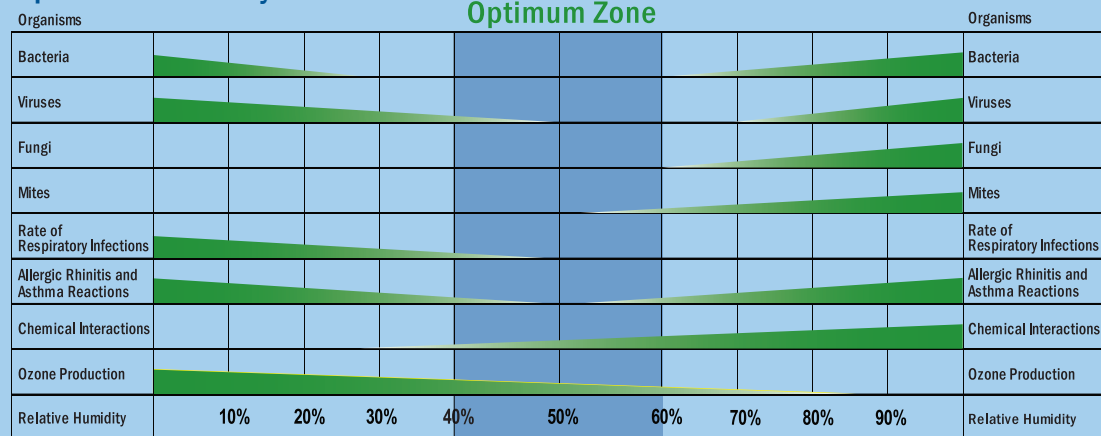
### PRODUCT DATA SHEET

#### ComfortBreeze™ CB300 and CB300S

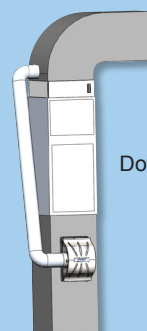
Model	CB300S with H <sub>2</sub> Osmart™ Technology	CB300
<b>Part No.</b>	265686-001	265686-002
<b>Type of Unit</b>	By-Pass Evaporative	By-Pass Evaporative
<b>Peak Capacity (GPD)*</b>	18 Gallons per Day	18 Gallons per Day
<b>Humidistat Type</b>	Electronic	Mechanical
<b>H<sub>2</sub>Osmart™ Technology</b>	Yes	No
<b>Capacity Reduction</b>	Yes	No
<b>Water Supply</b>	20-100 PSI	20-100 PSI
<b>Voltage (Amps)</b>	24VAC (0.25A)	24VAC (0.25A)
<b>Unit Dimensions</b>	14.13"W x 10.00" D x 19.00" H	14.13"W x 10.00" D x 19.00" H
<b>Water Connection</b>	1/4" OD Tubing	1/4" OD Tubing
<b>Overflow Connection</b>	1/2" ID Tubing	1/2" ID Tubing
<b>Ducted Opening</b>	9.75"W x 13.00"H	9.75"W x 13.00"H
<b>By-Pass Duct Size</b>	6.00" Round	6.00" Round
<b>Shipping Weight</b>	11.25 Lbs.	11.25 Lbs.
<b>Operating Weight</b>	8.5 Lbs.	8.5 Lbs.

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

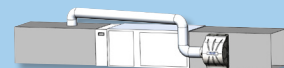
#### Optimum Humidity Zone:



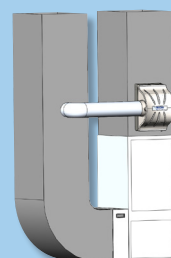
Upflow  
Bottom  
Return



Down Flow



Horizontal Flow



Upflow Side Return

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