

# VT Series

## Electric Humidifier

### Why humidify with VT Series humidifiers?

#### Humidify for healthier environments

Bacteria and viruses thrive in dry air. Studies have shown that when room relative humidity (RH) drops below 40 percent, absenteeism increases due to respiratory illness. Proper humidification can significantly reduce costly absenteeism.

#### Humidify to preserve materials

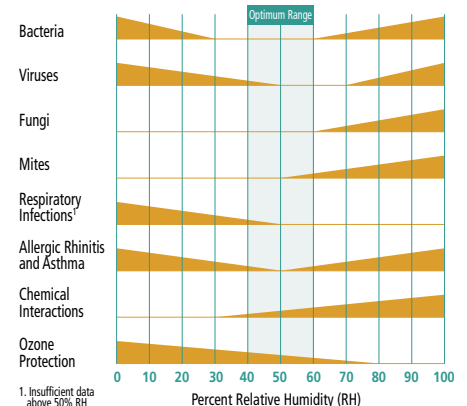
Many building materials, finishes and furnishings absorb, retain and release moisture. If a building's RH level is too low, these materials will dry and shrink. This drying and shrinking can result in expensive damage to building interiors and contents. Maintaining a consistent and adequate RH level will eliminate this deterioration.

#### Humidify to improve production processes

Relative humidity can affect manufacturing production processes and product quality. Maintaining RH levels within a range of 30 to 60 percent will significantly improve most production processes.



#### Optimum relative humidity ranges for a healthy environment



A decrease in bar width indicates a decrease in negative indoor air quality factors and complaints.

Source: E.M. Sterling study

from the Humidification Experts

**DRISTEEM**

## Affordable to buy; easy to operate



This VT Series humidifier is fully automatic — just set the humidistat, press the On button, and walk away. In addition, when operating with softened water, it typically requires no maintenance for the first three years.

\* VT Series humidifiers do not require cleaning for three years when operating with water softened by a sodium chloride ion exchange process to a consistent maximum hardness of 1 grain/gallon. To ensure water supplied to the VT Series has a consistent maximum hardness of 1 grain/gallon, verify softener operation regularly.

### DRISTEEM quality and reliability at a very affordable price!

Customers all over the world rely on DRISTEEM performance and reliability. Proven in thousands of installations, DRISTEEM humidifies NASA and other high-tech facilities, major health care centers and famous museums. Now, that same engineered quality is available at an extremely affordable price for use in light commercial and residential applications.

### So easy to operate

The VT Series humidifiers operate automatically — just set the humidistat, press the On button, and walk away. When the humidity level drops, the humidifier fills automatically and produces steam. It drains automatically at regular intervals and at the end of humidification season after the humidifier has been idle for 72 hours. Built-in safety features ensure years of reliable performance.

### Press the On button and walk away ... for three years!

When operating with softened water\*, VT Series humidifiers are maintenance-free for the first three years! Thereafter, or if you use unsoftened water, inspect the tank annually for mineral buildup and clean the tank as needed. But we've made that easy, too. Just disconnect the flexible drain hose, loosen three mounting nuts, and the tank drops out for easy cleaning.

#### VT Series specifications

Model number (kW)	Dimensions						Maximum steam capacity		Current draw (amps)						Water usage at maximum capacity		
	Width		Height		Depth				Single-phase				Three-phase				
	inches	mm	inches	mm	inches	mm	lbs/hr	kg/h	120V	208V	240V	480V	208V	480V	600V	gals/hr	liters/hr
2	24.06	611	18.93	481	9.99	254	6	2.7	16.7	9.6	8.3	4.2	—	—	—	0.7	2.6
4	24.06	611	18.93	481	9.99	254	12	5.4	—	19.2	16.7	—	16.7*	7.2*	5.8*	1.4	5.3
6	24.06	611	18.93	481	9.99	254	18	8.2	—	—	—	—	25.0*	10.8*	8.7*	2.2	8.3
8	24.06	611	18.93	481	9.99	254	24	10.9	—	—	—	—	33.3*	14.4*	11.5*	2.9	11.0
10	24.06	611	18.93	481	15.61	396	30	13.6	—	—	—	—	29.1*	12.6*	10.1*	3.6	13.6
16	24.06	611	18.93	481	15.61	396	48	21.8	—	—	—	—	—	19.2	15.4	5.8	22.0

#### Note:

- \* For wire sizing, the highest leg draw is shown due to current imbalance.
- All VT Series humidifier models operate at 50/60 Hz.
- Models VT-2 and VT-4 with electronic relays have a sound rating of less than 60 dB; all models with electrical contactors have a sound rating of 65 dB.
- Install in locations with maximum ambient temperature of 80 °F (26.7 °C).

Your DRISTEEM representative is:

*from the Humidification Experts*

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