

**XTR**

Electrode Steam Humidifier

*Humidify for health and comfort*

*in homes*



*offices*



*clinics*



**DRISTEEM**<sup>®</sup>  
The humidification experts



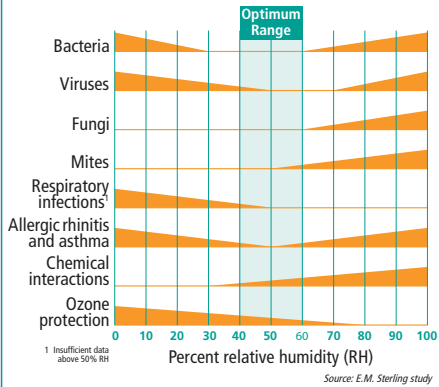
## Why humidify?

### Enhance health

When room relative humidity (RH) drops below 40 percent, nasal and throat membranes begin to dry, increasing susceptibility to colds and viral infections. RH levels below 30 percent and above 70 percent allow bacterial and viral populations to increase. Maintaining RH levels between 40 and 60 percent helps decrease microorganisms in the air.



### Studies show ...



*... optimal RH is between 40% - 60%*

### Improve comfort

When all other factors affecting body heat loss remain constant, increasing the humidity of the surrounding air makes us feel warmer. Studies conclude that maximum comfort during the heating season is achieved by humidifying air to maintain indoor RH in the 35 to 40 percent range.



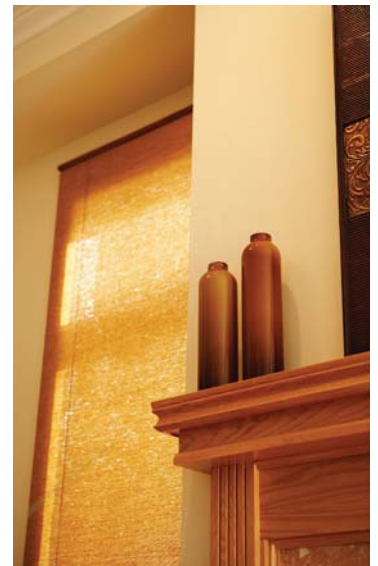
### Preserve interior furnishings

Low relative humidity levels can cause expensive damage to home interiors because as material like carpet, wood, and upholstery fibers dry, they shrink. This can cause fabrics to become brittle, and create gaps in wallpaper, floor boards, and

furniture joints. Maintaining a consistent and adequate RH level will eliminate this deterioration.

### Feel and see the difference

The benefits of properly maintained relative humidity can be felt as well as seen: Along with enhancing health and improving comfort, humidity in the air harmlessly dissipates static electricity. Static charges give shocks, attract dust to surfaces, and cause static cling in apparel and draperies.



## Why humidify with electrode steam?

Enjoy peace of mind with an XTR electrode steam humidifier . . .

### So easy to operate

When the humidity level drops, the humidifier automatically makes steam. At the end of the humidification season, after the system has been idle for 72 hours, the humidifier drains automatically. Water is cooled as it drains, so there is no worrying about damaging drain pipes.

### Easy to maintain—just replace the cylinder

The XTR humidifier is very easy to maintain — just replace the affordable plastic cylinder. All water impurities and minerals remain in the cylinder; and, there are no messy evaporator pads to replace or tanks to clean!

### Affordable to buy; economical to operate

The XTR humidifier's efficient steam production makes this humidifier one of the most affordable humidifiers to buy and operate. The XTR humidifier uses regular tap water.

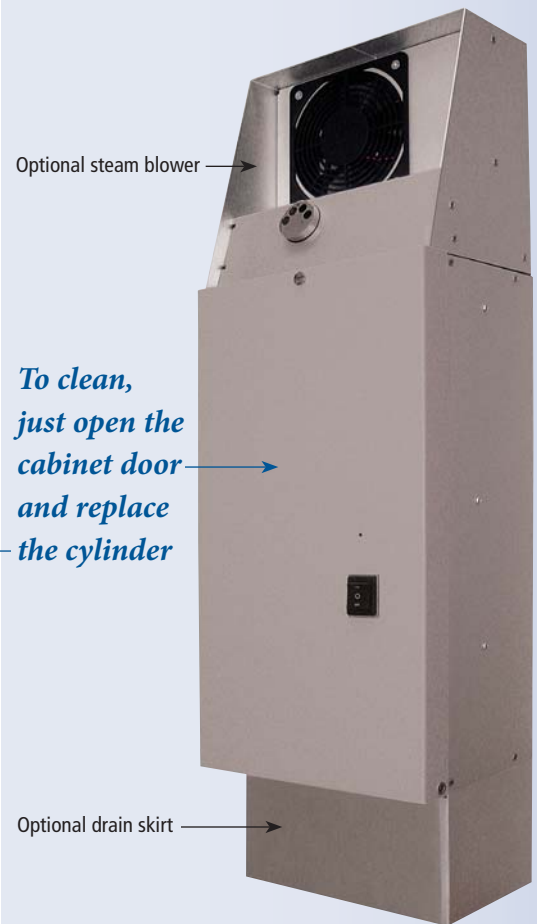
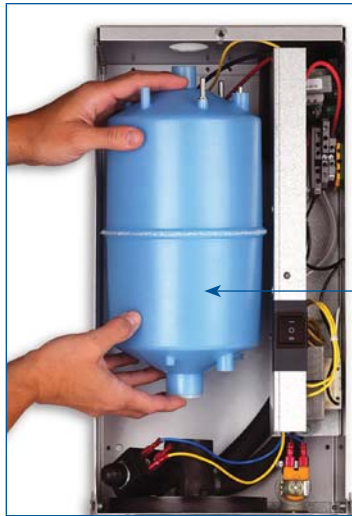
### Disperse steam into ducts or directly into open spaces

Disperse steam into existing heating ducts using vapor hose and a dispersion tube connected to the top of the humidifier (as shown in the drawing at right). Steam exits the dispersion tube without dripping or spitting, preventing condensate from collecting in the duct.

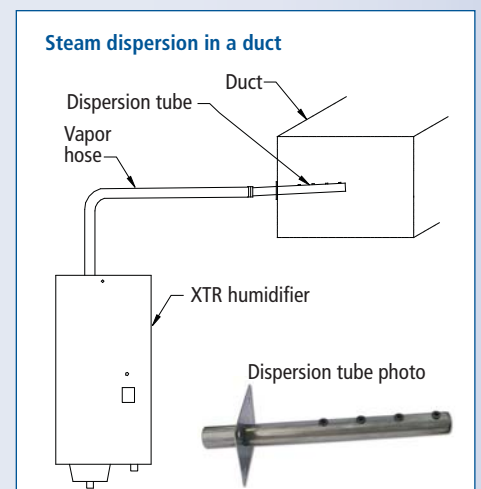
Disperse steam directly into finished or open spaces using the quiet XTR steam blower mounted directly on top of the humidifier, or mounted remotely as shown here.



Connect vapor hose from the XTR humidifier to the XTR steam blower mounted remotely on a wall to disperse steam in open spaces



Disperse steam into finished spaces with the optional top-mounted steam blower, shown above. Optional skirt, also shown above, hides humidifier drain.





#### Expect quality from the industry leader

For more than 40 years, DRI-STEEM has been leading the industry with creative and reliable humidification solutions. Our focus on quality is evident in the construction of the XTR humidifier, which features a two-year limited warranty.

#### For more information

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For the most current product information, visit our Web site: [www.dristeem.com](http://www.dristeem.com)

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Continuous product improvement is a policy of DRI-STEEM Corporation; therefore, product features and specifications are subject to change without notice.

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Form No. XTR-brochure-1209

## Specifications

### One model + three voltages = three capacities

One model offers three capacities, from 4 lbs/hr to 8.1 lbs/hr, depending on the voltage connected to the unit. Power connection points are easily accessed.

XTR humidifier specifications			
Model	XTR	XTR	XTR
<b>Voltage</b>	<b>120</b>	<b>208</b>	<b>240</b>
Steam capacity (lbs/hr)	4	7.1	8.1
Steam capacity (kg/h)	1.8	3.2	3.6
Max. space size (ft <sup>2</sup> )*	3000	5400	6200
Max. space size (m <sup>2</sup> )*	278	501	575
kW	1.4	2.4	2.8
Current draw (Amps)	11.5	11.5	11.5
Max. water use/day (U.S. gallons)	11.5	20.5	23.3
Dimensions (inches) without steam blower w × h × d	9 × 19.25 × 6.43	9 × 19.25 × 6.46	9 × 19.25 × 6.43
Dimensions (inches) with steam blower w × h × d	9 × 26.77 × 6.43	9 × 26.77 × 6.46	9 × 26.77 × 6.43
Dimensions (mm) without steam blower w × h × d	229 × 489 × 163	229 × 489 × 163	229 × 489 × 163
Dimensions (mm) with steam blower w × h × d	229 × 680 × 163	229 × 680 × 163	229 × 680 × 163

**Notes:**

\* Maximum humidified space size based on ½ air change per hour, outside air temp 0 °F (-18 °C) at 80% RH, indoor air 72 °F (22.2 °C) humidified to 30% RH, 8' (2.44 m) ceilings. Note that a building with ½ air change per hour is considered a tightly insulated building. A building that allows more air changes per hour will humidify a smaller area than listed above.

- See the XTR humidifier Installation, Operation, and Maintenance manual for complete product specifications.
- Water conductivity must be between 125-1250 µS.

For more information, contact: