

XT Series

Electrode Steam Humidifier

**Easy-to-install,
simple-to-maintain
clean-steam humidification**



from the Humidification Experts

DRISTEEM®

Why humidify with electrode steam?

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.

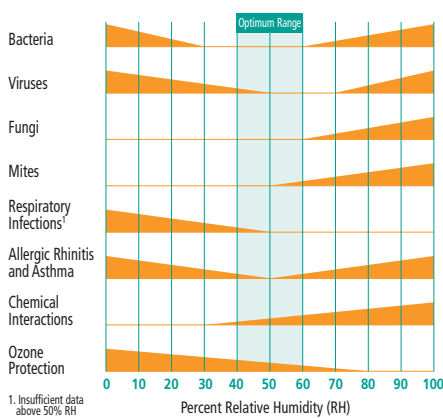
Humidify to preserve materials

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

Humidify to improve production processes

Relative humidity affects 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 the bar width indicates a decrease in negative indoor air quality factors and complaints.

Source: E.M. Sterling study

Trouble-free installation

DRI-STEEM XT Series electrode steam humidifiers are the smallest, most compact and lightweight electrode humidifiers. They can be easily installed by one person and are ideal for facilities with limited space. Plus, all connections are easily accessible and all necessary plumbing connections to the unit are included for timesaving, hassle-free installation.

Easy to maintain

The XT Series is DRI-STEEM's easiest humidifier to maintain — simply replace the affordable plastic cylinder. No messy tank cleaning is required. DRI-STEEM XT Series humidifiers allow you to set the maintenance period, and the control panel indicates when the cylinder needs replacement.

XT Series humidifiers are well-suited for operating with either unsoftened or softened water. When using unsoftened water, the cylinder can easily be replaced rather than cleaned when hard-water deposits accumulate. However, using softened water will extend cylinder life and reduce cylinder replacement.



Clean-steam alternative

DRI-STEEM XT Series humidifiers are ideal for applications with limited space that require clean-steam humidification free from chemicals.

Operation is easy. When the humidity level drops, the humidifier fills automatically and makes clean steam. At the end of the humidification season, the humidifier drains automatically after the system has been idle for 72 hours.

Humidification from the experts

Benefit from DRI-STEEM's proven dispersion

Competitors don't come close to DRI-STEEM's proven and guaranteed dispersion systems. If you must achieve absorption within a defined distance, there's no better choice than DRI-STEEM dispersion systems. From our patented and industry-leading Ultra-sorb® multi-tube dispersion panel to the refined design of our basic single-tube unit, DRI-STEEM guarantees absorption — eliminating duct wetting that can cause microbial growth.

DRI-STEEM performance and reliability

Customers all over the world rely on DRI-STEEM performance and reliability. Proven in thousands of installations, you'll find DRI-STEEM humidifiers at NASA, high-tech facilities, world-famous museums and the White House.

Now, that same engineered performance and quality is available in an easy-to-install, simple-to-maintain electrode steam humidifier.



XT Series humidifiers are a hassle-free humidification solution for large residential, light commercial and commercial applications.

Dispersion options to fit any application

For ducts

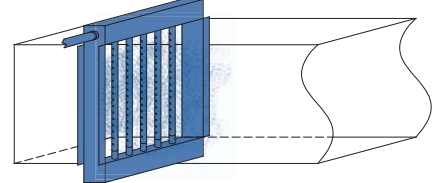
The three dispersion options shown below provide a range of absorption capability for dispersing steam into ducts.



Single tube: 8' (2.5 m) absorption distance*



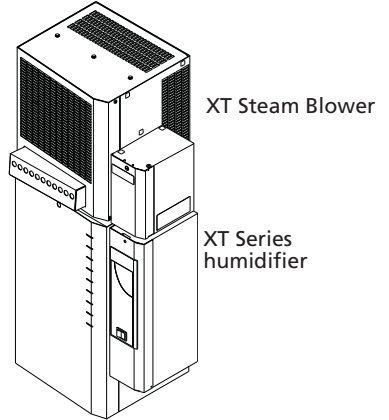
Rapid-sorb: 4' (1.2 m) absorption distance*



Ultra-sorb: Less than 2' (0.6 m) absorption distance*

For open or finished spaces

Mount the XT Steam Blower directly on top of the XT Series humidifier, or mount it remotely from the humidifier, for dispersing steam directly into open or finished spaces.



* The above example applies to all air velocities up to 2,000 fpm (10.2 m/s) and is based on air entering the humidification zone at 10% RH and leaving the humidification zone at 90% RH at 55 °F (13 °C).

XT Series humidifier for your application

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 XT Series humidifier, which features a two year limited warranty.

DRI-STEEM Corporation

An ISO 9001:2000 certified corporation

U.S. Headquarters:

14949 Technology Drive • Eden Prairie, MN 55344
800-328-4447 • 952-949-2415
952-229-3200 (fax)
www.dristeem.com
sales@dristeem.com

European office:

Marc Briers
Grote Hellekensstraat 54 b
B-3520 Zonhoven
Belgium
+3211823595 (voice)
+3211817948 (fax)
E-mail: marc.briers@dristeem.com

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

DRI-STEEM, Rapid-sorb, and Ultra-sorb are registered trademarks of DRI-STEEM Corporation and are filed for trademark registration in Canada and the European community.

Ultra-sorb is covered by the following Patents, with additional patents pending: United States Patent numbers 5,126,080; 5,277,849; 5,372,753; 5,376,312; 5,543,090

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DRI-STEEM XT Series humidifiers are ideal for large residential, light commercial and commercial applications including:

- Premier homes/condominiums
- Office buildings
- Medical facilities/clinics
- Churches
- Schools
- Assembly operations
- Printing shops
- Warehouses/storage facilities

XT Series humidifiers are available in various models to meet the demands of your application.

XT Series humidifier specifications															
Model number	kW	Dimensions			Maximum steam capacity		Current draw (amps)								
							Single-phase				Three-phase				
		W	H	D	lbs/hr	kg/h	208V	240V	277V	480V	600V	208V	240V	480V	600V
XT-10	3.4	14.5 (368)	22.9 (581)	8.4 (213)	10	4.5	16.2	14.0	12.2	7.0	5.6	9.4	8.1	4.1	3.2
XT-20†	6.7	14.5 (368)	22.9 (581)	8.4 (213)	20	9.1	32.2	27.9	24.2	14.0	11.2	18.6	16.1	8.1	6.4
XT-30	10.1	17.4 (442)	24.9 (632)	11.7 (297)	30	13.6	—	—	—	—	—	28.0	24.3	12.1	9.7
XT-50	16.8	17.4 (442)	24.9 (632)	11.7 (297)	50	22.7	—	—	—	—	—	46.6	40.4	20.2	16.2
XT-75	25.1	18.9 (480)	26.8 (681)	14.3 (363)	75	34.0	—	—	—	—	—	—	—	30.3	24.2
XT-100	33.5	18.9 (480)	26.8 (681)	14.3 (363)	100	45.4	—	—	—	—	—	—	—	40.4	32.3
XT-150	50.3	38.9 (988)	26.8 (681)	14.3 (363)	150	68.0	—	—	—	—	—	—	—	2 × 30.3*	2 × 24.2*
XT-200	67.0	38.9 (988)	26.8 (681)	14.3 (363)	200	90.7	—	—	—	—	—	—	—	2 × 40.4*	2 × 32.3*

Note:
* Double units require two circuits.
† XT-20 models using 208V single-phase power or 240V single-phase power have dimensions equal to Models XT-30 and XT-50.

For more information, contact: