

# XT SERIES

*Electrode Steam Humidifiers*



## *XT Series*

- *Easy to operate and maintain*
- *Compact*
- *Disperse steam into ductwork or open spaces*
- *Comprehensive Vapor-logic® controls (Model XTP)*
- *Outdoor and indoor models for application flexibility*

# COST-EFFECTIVE STEAM HUMIDIFICATION



Model XTP



Model XTR

## XT SERIES ELECTRODE HUMIDIFIERS

The XT series electrode humidifier uses heat caused by electrical resistance in conductive fill water to boil the water into steam. Automatic drain and fill cycles keep electrical current within demand parameters, based on water conditions and steam production.



## XT SERIES FAN PACK OR STEAM BLOWER

An optional fan pack or steam blower is available for use in finished spaces. They disperse steam into open spaces and are used when there is not associated air-handling equipment.

## XT SERIES ELECTRODE STEAM HUMIDIFIER

XT Series electrode steam humidifiers from DriSteem provide humidification for a wide range of buildings, including health care, commercial, industrial, and government facilities. Easy installation and minimal maintenance make XT Series one of the most affordable humidification systems to purchase and install.

Learn More



## WHY CHOOSE XT SERIES ELECTRODE STEAM HUMIDIFIER

### EASY TO MAINTAIN

No cleaning required. Just replace the affordable steam cylinder when prompted by the controller display.

### ADAPTABLE

- Compact in size to fit into small spaces
- Model XTP capacity range is 5 to 250 lbs/hr (2 to 113 kg/h); Model XTR capacity range is 5 to 11 lbs/hr (2 to 5 kg/h)
- Disperses steam into ductwork or open spaces
- Works with water conductivity from 350 to 1250  $\mu\text{S}/\text{cm}$  (standard cylinder) 125-350  $\mu\text{S}/\text{cm}$  (low-conductivity cylinder)
- User-selectable drain water tempering, if desired
- Enclosures for virtually any environment. Outdoor or indoor, or factory-HVAC installed.

### COMPREHENSIVE CONTROL

- The Vapor-logic touchscreen controller is included with the Model XTP and sets the standard for control capabilities in electrode humidifiers.
- An easy-to-use standard controller is provided on the Model XTR.



Vapor-logic controller (Model XTP)



Standard controller (Model XTR)

Easy-to-use menus for all humidifier functions	✓	
Push-button operation, with LED indicators for operating status and troubleshooting		✓
Web interface for Ethernet access to all functions	✓	
Accurate, responsive RH control with PID tuning for maximum performance	✓	
BACnet®, Modbus®, and optional LonTalk® for inter-operability with multiple building automation systems	✓	
Automatic drain and fill events for optimized humidifier performance based on water type	✓	✓
Cylinder drains after a user-specified time with no call for humidity to prevent microbial growth	✓	✓
A USB port is provided for downloading controller data to a PC for viewing and analysis, data backup and restore, and firmware updates	✓	

Table 3-1:  
Line currents and recommended fusing for XT Series humidifiers<sup>(1)</sup>

Model	Nominal steam capacity		kW	Phase	Volts	Maximum line current (amps)	Recommended fusing (amps)
	lbs/hr	kg/h					
002	5	2	1.8	1	120	17.5	25
					208	10.1	15
					230	9.2	15
					240	8.8	15
003	10	5	3.5	1	208	20.2	25
					230	18.3	25
					240	17.5	25
					277	15.2	20
					380	11.1	15
					400	10.5	15
					480	8.8	15
				3	600	7.0	10
					208	11.7	15
					240	10.1	15
					380	6.4	10
					400	6.1	10
					480	5.1	10
					600	4.1	10
006	20	9	7.0	1	208	40.5	50
					230	36.6	45
					240	35.1	45
					277	30.4	40
					380	22.2	30
					400	21.1	30
					480	17.5	25
				3	600	14.0	20
					208	23.4	30
					240	20.3	25
					380	12.8	20
					400	12.2	15
					480	10.1	15
					600	8.1	15
010	30	14	10.5	3	208	35.1	45
					240	30.4	40
					380	19.2	25
					400	18.3	25
					480	15.2	20
					600	12.2	20
					208	58.5	70
017	50	22	17.5	3	240	50.7	65
					380	32.0	40
					400	30.4	40
					480	25.4	35
					600	20.3	25
					380	48.0	60
025	75	34	26.3	3	400	45.6	60
					480	38.0	50
					600	30.4	40
					380	64.0	80
033	100	45	35.1	3	400	60.8	75
					480	50.7	65
					600	40.6	50
					380	80.1	100
042	125	57	43.9	3	400	76.1	100
					480	63.4	80
					600	50.7	65
					380	96.0	125
050*	150	68	52.6	3	400	91.2	110
					480	76.0	100
					600	60.8	80
					380	2 x 48.0	2 x 60
					400	2 x 45.6	2 x 60
050**	150	68	52.6	3	480	2 x 38.0	2 x 50
					600	2 x 30.4	2 x 40
					380	128.1	150
					400	121.7	150
067*	200	91	70.2	3	480	101.4	125
					600	81.2	100
					380	2 x 64.0	2 x 80
					400	2 x 60.8	2 x 80
067**	200	91	70.2	3	480	2 x 50.7	2 x 70
					600	2 x 40.6	2 x 50
					380	160.1	200
					400	152.1	200
083*	250	113	87.7	3	480	126.7	150
					600	101.4	125
					380	2 x 80.1	2 x 100
					400	2 x 76.1	2 x 100
083**	250	113	87.7	3	480	2 x 63.4	2 x 80
					600	2 x 50.7	2 x 65

\* Dual canister unit with single-point power connection

\*\* Dual canister unit with dual-point power connection

For units with an outdoor enclosure:

- Add 5 amps to "Maximum Line Current" to accommodate enclosure heater
- Adjust fusing size accordingly



**DRI-STEEM Corporation**

a subsidiary of Research Products Corporation  
DriSteem U.S. operations are  
ISO 9001:2015 certified

U.S. Headquarters:  
14949 Technology Drive  
Eden Prairie, MN 55344  
800-328-4447 or 952-949-2415  
952-229-3200 (fax)

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**Expect quality from the industry leader**

Since 1965, DriSteem has been leading the industry with creative and reliable humidification solutions. Our focus on ease of ownership is evident in the construction of DriSteem products. DriSteem leads the industry with a Two-year Limited Warranty and optional extended warranty.

For more information:  
[www.dristeem.com](http://www.dristeem.com)  
sales@dristeem.com

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