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

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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 287 lbs/hr (2 to 130 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 125 to 1250 µS/cm
- User-selectable drain water tempering, if desired
- Enclosures for virtually any environment. Outdoor or indoor, or factory-HVAC installed.

COMPREHENSIVE CONTROL

- The Vapor-logic 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)

	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[1]

Model	Nominal steam capacity		kW	Phase	Volts	Maximum line current (amps)	Recommended fusing (amps)	Low conductivity cylinder option**
XTP	lbs/hr	kg/h						
002	5	2	1.7	1	120	17	25	yes
					208	10	15	yes
					230	8	15	yes
					240	8	15	yes
003	10	5	3.3	1	208	19	25	yes
					230	17	25	yes
					240	17	25	yes
					277	14	20	yes
					400	10	13	yes
					480	8	15	N/A
					600	7	10	yes
				3	208	11	15	N/A
					240	10	15	N/A
					400	6	10	yes
					480	5	10	yes
					600	4	10	yes
006	18	8	6.0	1	208	35	45	N/A
					230	31	40	N/A
					240	30	40	N/A
					277	26	35	N/A
					400	18	25	yes
					480	15	20	yes
					600	12	15	yes
				3	208	20	25	N/A
					240	17	25	N/A
					400	10	13	yes
					480	9	15	yes
					600	7	10	yes
010	30	14	10.0	3	208	33	45	N/A
					240	29	40	N/A
					400	17	25	N/A
					480	14	20	yes
					600	12	15	yes
017	50	22	16.5	3	208	55	70	yes
					240	48	60	yes
					400	29	40	yes
					480	24	35	yes
					600	19	25	yes
025	75	34	25.0	3	400	43	63	yes
					480	36	50	yes
					600	29	40	yes
033	100	45	33.3	3	400	58	80	yes
					480	48	70	yes
					600	39	50	yes
042	125	57	41.7	3	400	72	100	yes
					480	60	80	yes
					600	48	70	yes
048	143	65	47.8	3	400	80	100	yes
					480	69	90	yes
					600	55	70	yes
050*	150	68	50.0	3	400	2 x 43	2 x 63	yes
					480	2 x 36	2 x 50	yes
					600	2 x 29	2 x 40	yes
067*	198	90	66.7	3	400	2 x 58	2 x 80	yes
					480	2 x 48	2 x 70	yes
					600	2 x 39	2 x 50	yes
083*	250	113	83.3	3	400	2 x 72	2 x 100	yes
					480	2 x 60	2 x 80	yes
					600	2 x 48	2 x 70	yes
096*	287	130	95.7	3	400	2 x 80	2 x 100	yes
					480	2 x 69	2 x 90	yes
					600	2 x 55	2 x 70	yes

[1] For units with outdoor enclosure:
- If unit is a model XTP002 - XTP-048 without heater package, add 1 amp to "Maximum Line Current".
- If unit is a model XTP002 - XTP-048 with heater package, add 5 amps to " Maximum Line Current ".

* These models have two steam cylinders and require independent service connections.
** For part numbers refer to DriSteem parts website.

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CE ETL Intertek

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.

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For the most recent product information visit our website:
www.dristeem.com