XT SERIES

Electrode Steam Humidifiers

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

driSteem

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 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.

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)
- Stage up to four Model XTP humidifiers together for maximum system capacity of 1148 lbs/hr (520 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

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)

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

Model	Nominal steam capacity		kW	Phase	Volts	Maximum line current (amps)	Recommended fusing (amps)
XTS / XTP	lbs/hr	kg/h					
002	5	2	1.7	1	120	17	25
					208	10	15
					230	8	15
					240	8	15
003	10	5	3.3	1	208	19	25
					230	17	25
					240	17	25
					277	14	20
					400	10	13
					480	8	15
					600	7	10
				3	208	11	15
					240	10	15
					400	6	10
					480	5	10
					600	4	10
006	18	8	6.0	1	208	35	45
					230	31	40
					240	30	40
					277	26	35
					400	18	25
					480	15	20
					600	12	15
				3	208	20	25
					240	17	25
					400	10	13
					480	9	15
					600	7	10
010	30	14	10.0	3	208	33	45
					240	29	40
					400	17	25
					480	14	20
					600	12	15
017	50	22	16.5	3	208	55	70
					240	48	60
					400	29	40
					480	24	35
					600	19	25
025	75	34	25.0	3	400	43	63
					480	36	50
					600	29	40
033	100	45	33.3	3	400	58	80
					480	48	70
					600	39	50
042	125	57	41.7	3	400	72	100
					480	60	80
					600	48	70
048	143	65	47.8	3	400	80	100
					480	69	90
					600	55	70
XTP050*	150	68	50.0	3	400	2 x 43	2 x 63
					480	2 x 36	2 x 50
					600	2 x 29	2 x 40
XTP067*	198	90	66.7	3	400	2 x 58	2 x 80
					480	2 x 48	2 x 70
					600	2 x 39	2 x 50
XTP083*	250	113	83.3	3	400	2 x 72	2 x 100
					480	2 x 60	2 x 80
					600	2 x 48	2 x 70
XTP096*	287	130	95.7	3	400	2 x 80	2 x 100
					480	2 x 69	2 x 90
					600	2 x 55	2 x 70

* Model XTP only. These models have two steam cylinders and require independent service connections.

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

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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 the XT Series humidifier. 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