



XT SERIES

Electrode Steam Humidifiers

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

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 $\mu\text{S}/\text{cm}$
- 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)

	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:
XT humidifier models, capacities, and electrical specifications

Model	Input power	Maximum steam capacity		Nominal current draw (amps) *										Dimensions and capacity range					
				Single-phase						Three-phase				Width		Height		Depth	
XTP	kW	lbs/hr	kg/h	120V	208V	240V	277V	480V	600V	208V	240V	480V	600V	inches	mm	inches	mm	inches	mm
002	1.7	5	2	14	8	7	—	—	—	—	—	—	—	14.6	370	20.6	523	8.7	221
003	3.3	10	5	—	16	14	12	7	6	9	8	4	3	14.6	370	20.6	523	8.7	221
006	6.0	18	8	—	29	25	22	13	10	17	14	7	6	14.6	370	20.6	523	8.7	221
010	10.0	30	14	—	—	—	—	—	—	28	24	12	10	17.7	450	24.1	612	11.8	300
017	16.5	50	22	—	—	—	—	—	—	46	40	20	16	17.7	450	24.1	612	11.8	300
025	25.0	75	34	—	—	—	—	—	—	—	—	30	24	19.9	504	25.6	650	13.5	340
033	33.3	100	45	—	—	—	—	—	—	—	—	40	32	19.9	504	25.6	650	13.5	340
042	41.7	125	57	—	—	—	—	—	—	—	—	50	40	19.9	504	25.6	650	13.5	340
048	47.8	144	65	—	—	—	—	—	—	—	—	58	46	19.9	504	25.6	650	13.5	340
050**	50.0	150	68	—	—	—	—	—	—	—	—	2 x 30	2 x 24	39.6	1005	25.6	650	13.4	340
067**	66.7	198	90	—	—	—	—	—	—	—	—	2 x 40	2 x 32	39.6	1005	25.6	650	13.4	340
083**	83.3	250	113	—	—	—	—	—	—	—	—	2 x 50	2 x 40	39.6	1005	25.6	650	13.4	340
096**	95.7	287	130	—	—	—	—	—	—	—	—	2 x 58	2 x 46	39.6	1005	25.6	650	13.4	340
XTR	1.9	5.6	2.5	16	—	—	—	—	—	—	—	—	—	10.1	257	20.9	530	7.1	181
	3.3	9.9	4.5	—	16	—	—	—	—	—	—	—	—	10.1	257	20.9	530	7.1	181
	3.8	11.3	5.1	—	—	16	—	—	—	—	—	—	—	10.1	257	20.9	530	7.1	181

* For circuit protection requirements, see the *XT Series Humidifier Installation, Operation, and Maintenance Manual (IOM)*, available at www.dristeem.com.

** These models have two steam cylinders and utilize two electrical service connections.



*No cleaning required.
Just replace the affordable
steam cylinder when
prompted.*



*Insert a USB flash drive into the USB
port on the controller board to perform
firmware updates or back up and restore
data (Model XTP).*

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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Form No. XT-BRO-EN-1015

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.

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