



LOW-MAINTENANCE

Humidifier

- *Water in, clean steam out: System ships completely piped and wired*
- *Downtime is virtually eliminated: Decrease humidifier maintenance by up to 10 times or more*
- *Long-term and reliable performance: Fewer maintenance occurrences and lower cost*
- *Integrated controls: Single interface for water treatment system and humidifier*

Water treatment combined with DriSteem humidification

Dispersion options for the DriSteem low-maintenance humidification system:

Ultra-sorb® steam dispersion



Short absorption distances

Rapid-sorb® steam dispersion



Multiple tubes accommodate large loads

Space distribution units



Disperse steam within a room

ELECTRIC HUMIDIFIER AND REVERSE-OSMOSIS SYSTEM IN ONE FULLY INTEGRATED, SKID-MOUNTED PACKAGE

Combines two proven products, the Vapormist® electric humidifier and the 200 Series reverse-osmosis system. Provides single connections for power, water, and drain resulting in lower cost installation.

LESS TIME AND EFFORT FOR MAINTENANCE

High purity water means less chalky scale build-up in the heat exchanger, ensuring reliable, long-term humidifier performance. The reverse-osmosis system component of the Low-maintenance Humidification System removes over 98% of dissolved solids from supply water. Less maintenance results in more up time of the Low-maintenance humidification system.



SINGLE USER INTERFACE

Set up, view, and adjust humidification and water treatment functions at the unit or through building automation systems using a single Vapor-logic® controller. The Vapor-logic controller provides accurate, responsive RH control, and PID control tunes the system for maximum performance.

COMPACT DESIGN

Full integration of water treatment is designed to lower maintenance costs and lower installation costs while providing consistent humidification output during demand cycles.

FOUR-YEAR LIMITED WARRANTY

DriSteem provides an industry leading four-year limited warranty and optional extended two year warranty for the Low-maintenance humidification system.

Table 3-1:
Low-maintenance humidifier capacities, electrical specifications, and weights

Model	Maximum steam capacity		Current draw (amps)											Weights ‡			
			Single-phase						Three-phase					Shipping		Operating	
kW	lbs/hr	kg/h	120V	208V*	240V*	277V	480V†	600V†	208V*	240V†	277V	480V†	600V†	lbs	kg	lbs	kg
2	6	2.7	22.3	12.4	11.1	10	5.8	4.55	—	—	—	—	—	241	109	299	136
4	12	5.4	38.9	22	19.5	17.2	9.9	7.95	19.5	17.2	15.3	8.8	7.05	241	109	299	136
6	18	8.2	—	31.6	27.8	24.5	14.1	11.25	27.8	24.5	21.6	12.4	9.95	249	113	326	148
8	24	10.9	—	41.3	36.1	31.7	18.3	14.55	36.1	31.7	27.8	16	12.75	249	113	326	148
10	30	13.6	—	—	44.5	38.9	22.4	17.95	31.9	28.1	24.7	14.2	11.35	254	115	343	156
12	36	16.3	—	—	—	46.1	26.6	21.25	36.1	31.7	27.8	16	12.75	254	115	343	156
14	42	19.1	—	—	—	—	30.8	24.55	41.7	36.5	32	18.4	14.75	254	115	343	156
16	48	21.8	—	—	—	—	34.9	27.95	47.2	41.3	36.1	20.8	16.65	254	115	343	156
21	63	28.6	—	—	—	—	45.4	36.25	—	—	46.6	26.9	21.45	256	116	356	161
25	75	34.0	—	—	—	—	—	42.95	—	—	—	31.7	25.35	256	116	356	161
30	90	40.9	—	—	—	—	—	—	—	—	—	37.7	30.15	262	119	360	163
34	102	46.3	—	—	—	—	—	—	—	—	—	42.5	33.95	262	119	360	163

* On 208V/240V/single-phase/three-wire and on 208V/three-phase/four-wire supplies, the neutral line provides a separate 120V circuit for the SDU fan unit.

** For wire sizing, the highest leg draw is shown due to current imbalance.

† Add the following to Vapormist weights if using an SDU option (these weights are for additional control components housed within the Vapormist cabinet):

- SDU-I: 12 lbs (5.5 kg) (SDU-I operating weight is 58 lbs [26 kg])
- SDU-E: 9 lbs (4 kg) (SDU-E operating weight is 51 lbs [23 kg])

‡ Add the following if using the SSR option:

- For single-phase or three-phase models drawing less than 21.7 amps, add 2 lbs (1 kg)
- For three-phase models drawing more than 21.7 amps, add 4 lbs (2 kg)

All Vapormist models operate at 50/60 Hz.

DRI-STEEM Corporation

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

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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