









DRISTEEM STEAM DISPERSION COMPARISON CHART

PRODUCT	MAXIMUM PRESSURIZED CAPACITY	MAXIMUM ATMOSPHERIC CAPACITY	AIRFLOW	INSULATED TUBES	NON-WETTING DISTANCE	SHIP ASSEMBLY	FRAMED	NUMBER OF CONNECTIONS		FACE DIMENSION	OVERALL DIMENSION	CONTROLS	RELATIVE PRICE	KEY DIFFERENTIATOR
								INLET	CONDENSATE					
 <p>Ultra-sorb XV</p>	2,720 lbs/hr (1235 kg/h) 5 to 50 psi	450 lbs/hr (204 kg/h) With STS only	Horizontal	Standard	Short	Optional factory assembly	Yes	Heat exchanger: 1 Steam: 1	Heat exchanger: 1 Drain: Optional	Face width: 12" to 144" (305 to 3660 mm) Face height: 12" to 144" (305 to 3660 mm)	Face width: + 3" (76 mm) Face height: +9.75" (247 mm)	Optional heat exchanger control	\$\$\$	Framed dispersion panel with single header and integral heat exchanger. Integral heat exchanger allows: <ul style="list-style-type: none"> • Condensate return directly to the boiler. • Reduced trap height requirements.
 <p>Ultra-sorb MP</p>	2,720 lbs/hr (1235 kg/h) 2 to 50 psi	700 lbs/hr (317 kg/h)	Horizontal	Optional	Short	Optional factory assembly	Yes	Steam: 1	Drain: 1	Face width: 12" to 144" (305 to 3660 mm) Face height: 12" to 144" (305 to 3660 mm)	Face width: + 3" (76 mm) Face height: +7.37" (187 mm)	NA	\$\$	Framed dispersion panel with single header to minimize panel cost. Single to side steam inlet and condensate connections.
 <p>Ultra-sorb LV</p>	4,000 lbs/hr (1815 kg/h) 2 to 50 psi	1,850 lbs/hr (839 kg/h)	Horizontal	Optional	Short	Optional factory assembly	Yes	Steam: 1	Drain: 1	Face width: 12" to 144" (305 to 3660 mm) Face height: 12" to 144" (305 to 3660 mm)	Face width: +3" (76 mm) Face height: + 9.25" to 12.25" (234 to 311 mm)	NA	\$\$\$	Framed dispersion panel with dual headers for higher capacity output. Flexible steam inlet and outlet connections.
 <p>Ultra-sorb LH</p>	3,238 lbs/hr (1469 kg/h) 2 to 50 psi	1,850 lbs/hr (839 kg/h) Vertical airflow only	Horizontal (pressurized only) Vertical	Optional	Short	Optional factory assembly	Yes	Steam: 1	Drain: 2	Face width: 12" to 120" (305 to 3050 mm) Face height: 12" to 120" (305 to 3050 mm)	Face width: + 9.25" to 12.25" (234 to 311 mm) Face height: + 3" (76 mm)	NA	\$\$\$	Framed dispersion panel with dual headers for higher capacity output. Flexible steam inlet and outlet connections. Capable of vertical airflow applications (up flow or down flow).
 <p>Rapid-sorb</p>	NA	2,100 lbs/hr (952 kg/h)	Horizontal Vertical	Optional	Moderate	Field assembly	No	Steam: 1	Drain: 1	Face width: 13" to 240" (330 to 6100 mm) Face height: 9" to 144" (228 to 3660 mm)	Face width: + wall + 4.5" (226 mm)	NA	\$\$	Field assembled, single header dispersion system for low cost. Capable of large ducts, air handling units, and spaces.

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								INLET	CONDENSATE					
Single Dispersion Tube 	NA	97 lbs/hr (44 kg/h)	Horizontal Vertical	Optional	Long	NA	No	Steam: 1	Drain: optional	Face width: 6" to 120" (152 to 3050 mm) Face height: 9" to 120" (228 to 3050 mm)	Face width: + 4" (101 mm)	NA	\$	
Single Tube Humidifier 	525 lbs/hr (238 kg/h) 2 to 50 psi	NA	Horizontal Vertical	Optional	Long	Factory assembly	No	Steam: 1	Drain: 1	Face width: 6" to 192" (152 to 4880 mm) Face height: 9" to 144" (228 to 3660 mm)	Varies	NA	\$	
Mini-bank® Humidifier 	84 lbs/hr (38 kg/h) 2 to 15 psi	NA	Horizontal Vertical	Optional	Moderate	Factory assembly	No	Steam: 1	Drain: 2	Face width 6" to 48" (152 to 1220 mm) Face height 6" to 24" (152 to 610 mm)	Varies	NA	\$	
Multiple-tube Humidifier (with Maxi-bank® option) 	3985 lbs/hr (1809 kg/h) 2 to 50 psi	NA	Horizontal Vertical	Optional	Moderate	Optional factory assembly (Maxi-bank)	No	Steam: 2 to 4	Drain: 2 to 4	Face width: 6" to 192" (152 to 4880 mm) Face height: 15" to 120" (381 to 3050 mm)	Varies	NA	\$ (\$\$)	
Area-type® Humidifier 	285 lbs/hr (130 kg/h) 2 to 15 psi	NA	Open area	NA	NA	Factory assembly	NA	Steam: 1	Drain: 1	NA	Separator: 7" (177 mm) diameter Fan blade: 12" (305 mm) diameter	NA	\$	Disperse boiler steam into an open area without the use of ductwork.