



humiSteam

Electrode Steam Humidifier

The humiSteam humidifiers have been designed to offer maximum reliability, minimum maintenance and ease of use. This has been made possible by the development of custom microprocessor-based controls that fully monitor and automate all functions of humiSteam, while allowing the customer to choose between economical on/off operation or stand-alone / DDC proportional operation.

FEATURES:

- Disposable or Cleanable Steam Cylinder
- Patented Anti-Foaming System (AFS)
- Longest Cylinder Life of Electrode Humidifiers
- Multiple Communication Capabilities (Modbus, BACnet, WebGate, etc.)
- Drain Cycle Controlled by Water Conductivity
- HumiVisor Remote Monitoring Capability
- Wide Range of Voltages / Capacities

APPLICATIONS:

- Hospitals and Operating Rooms
- Offices and Schools
- Laboratories
- Steam Baths
- Museums and Libraries
- Computer Rooms
- Printing

VAC/ Phase	Factor	Unit Model Number: Capacity, Amperage, Kilowatts													
		UE 001	UE 003	UE 005	UE 008	UE 009	UE 010	UE 015	UE 025	UE 035	UE 045	UE 045	UE 065	UE 090	UE 130
208/1 (U)	lbs/hr (kg/hr)	3.3 (1.5)	6.6 (3)	11.0 (5)		19.1 (8.7)									
	Amps	5.4	10.8	18.0		31.3									
	KW	1.12	2.25	3.75		6.52									
230/1 (D)	lbs/hr (kg/hr)	3.3 (1.5)	6.6 (3)	11.0 (5)		19.8 (9)									
	Amps	4.9	9.8	16.3		29.3									
	KW	1.12	2.25	3.75		6.75									
208/3 (W)	lbs/hr (kg/hr)		6.6 (3)	11.0 (5)	17.6 (8)		22 (10)	33 (15)	55 (25)	77 (35)		99 (45)			
	Amps		6.2	10.4	16.7		20.8	31.2	52.0	72.9		93.7			
	KW		2.25	3.75	6.0		7.50	11.25	18.75	26.25		33.75			
230/3 (K)	lbs/hr (kg/hr)		6.6 (3)	11.0 (5)	17.6 (8)		22 (10)	33 (15)	55 (25)	77 (35)		99 (45)			
	Amps		5.6	9.4	15.1		18.8	28.2	47.1	65.9		84.7			
	KW		2.25	3.75	6.0		7.5	11.25	18.75	26.25		33.75			
460/3 (M)	lbs/hr (kg/hr)		6.6 (3)	11.0 (5)	17.6 (8)		22 (10)	33 (15)	55 (25)	77 (35)	99 (45)		132 (60)	198 (90)	286 (130)
	Amps		2.8	4.7	7.5		9.4	14.1	23.5	32.9	42.4		61.2	84.7	122.4
	KW		2.25	3.75	6.0		7.5	11.25	18.75	26.25	33.75		48.75	67.5	97.5
575/3 (N)	lbs/hr (kg/hr)			11.0 (5)	17.6 (8)		22 (10)	33 (15)	55 (25)	77 (35)	99 (45)		132 (60)	198 (90)	286 (130)
	Amps			3.8	6.0		7.5	11.3	18.8	26.4	33.9		49.0	67.8	97.9
	KW			3.75	6.0		7.5	11.25	18.75	26.25	33.75		48.75	67.5	97.5
Height	24.4" (620mm)			28" (710mm)			35" (890mm)			37.2" (945mm)			37.2" (945mm)		
Width	14.4" (365mm)			14.4" (365mm)			21.9" (555mm)			25.6" (650mm)			45.5" (1156mm)		
Depth	10.8" (275mm)			10.8" (275mm)			14.2" (360mm)			17.9" (455mm)			17.9" (455mm)		
Dry Weight	35.3 lbs (16 kg)			44 lbs (20 kg)			75 lbs (34 kg)			97 lbs (44 kg)			160 lbs (73 kg)		
Wet Weight	41.9 lbs (19 kg)			59.5 lbs (27 kg)			133.4 lbs (60.5 kg)			207.2 lbs (94 kg)			330 lbs (150 kg)		
Max. Water Feed	0.16 gpm (0.6 l/m)			0.32 gpm (1.2 l/min)			1.06 gpm (4.0 l/min)			1.85gpm(7 l/min)			4 gpm (15 l/min)		
Water Feed Connection	3/4" MPT (19mm) bushed to 1/4" O.D. compression														
Max. Drain Rate	1.32 gpm (5 l/min)					6.0 gpm (22.5 l/min)					12gpm(45 l/min)				
Drain Connection	1.6" hose (40 mm)														
Min. Drain Piping	3/4" (19 mm)					1 1/2" (38 mm)									
No. Cylinders	1					2									
Steam Outlet (No. x size)	1 x 22/30 mm			1 x 30 mm			1 x 40 mm			2 x 40 mm			4 x 40 mm		
Control Voltage	24VAC 50/60 Hz.														
Ambient Conditions	34-140°F (1-40°C), 0-80% RH, up to 8" W.C. duct static pressure (200 mm W.C.)														
Feed Water Conditions	15-116 psi (1-8 bar), 125-1250 MicroMhos conductivity														
Ventilated Steam Distributors	VSDU0A					VRDXL (One (1) required for each steam outlet. i.e. four (4) for UE130)									
	Power: 24 Volt powered by unit					Power: 220/1/50-60, 35 Watts									
	Air Volume: 112 cfm (192 m³/hr)					Air Volume: 380 cfm (646 m³/hr)									
	Height/Remote: 6.3/10.75" (160.273 mm)					Height: 10.5" (267 mm)									
	Weight: 13.2 lbs. (6 kg)					Weight: 63 lbs. (24 kg)									
Noise: 30 dBA (50)					Noise: 40 dBA										

Model Selection							
UE	025	H	D	0	U	I	0
UE = humiSteam Electrode Humidifier	Steam Output 025 = 55 lbs/hr See selection table above for unit model no.	H Control For use with: On/off, Modulating, DDC	Power Supply U = 208/1 D = 230/1 W = 208/3 K = 230/3 M = 460/3 N = 575/3	Version Number Internal Use Only	USA	Cylinder Type 1 = Disposable Standard Conductivity 2 = Disposable Low Conductivity	Optional Equipment 0 = Standard B = Direct Mount Blower

CAREL

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