



heaterSteam

Electric Element Steam Humidifier

The heaterSteam has an easily cleanable steam generator, state of the art 4th generation controls which automatically adjust the drain and fill cycles according to water conductivity and our exclusive AFS Anti-Foaming System. Precision SSRs (solid state relays) allow the heaterSteam to track right on the control signal and draw perfect circles on humidity charts.

FEATURES:

- Stainless Steel Boiling Chamber
- Patented Anti-Foaming System (AFS)
- Aluminum Cast Embedded Elements (Extremely Reliable)
- Coated Elements for Ease of Maintenance
- Multiple Communication Capabilities (Modbus, BACnet, WebGate, etc.)
- External Electronic Water Level Float
- 0-22 lbs/hr have Removable Cylinder
- HumiVisor Remote Monitoring Capability

APPLICATIONS:

- Clean Rooms
- Hospitals and Operating Rooms
- Laboratories
- Museums and Libraries
- Test Chambers
- Precision Applications

VAC/ Phase	Factor	Unit Model Number: Capacity, Amperage, Kilowatts							
		UR002	UR004	UR006	UR010	UR020	UR027	UR040	UR060
208/1 (U)	lbs/hr (kg/hr)	4.4 (2)	7.3 (3.3)	13.6 (6.2)					
	Amps	7	11.8	22.2					
	KW	1.5	2.5	4.6					
230/1 (D)	lbs/hr (kg/hr)	5.3 (2.4)	8.8 (4)	13.2 (6)					
	Amps	7.8	13	19.6					
	KW	1.8	3	4.5					
208/3 (V)	lbs/hr (kg/hr)			13.6 (6.2)	22 (10)	47.5 (21.6)	63.4 (28.8)		
	Amps			12.8	20.8	45.1	60		
	KW			4.6	7.5	16.2	21.6		
230/3 (K)	lbs/hr (kg/hr)			13.2 (6)	22 (10)	43.3 (19.7)	58.1 (26.4)		
	Amps			11.3	18.8	37.1	49.8		
	KW			4.5	7.5	14.7	19.8		
460/3 (M)	lbs/hr (kg/hr)			13.2 (6)	22 (10)	46.2 (21)	57.9 (26.3)	88.9 (40.4)	133.3 (60.6)
	Amps			5.7	9.4	19.7	24.7	38.1	57.1
	KW			4.5	7.5	15.7	19.7	30.3	45.5
575/3 (N)	lbs/hr (kg/hr)			13.2 (6)	22 (10)	43.1 (19.6)	57.2 (26)	88.2 (40.1)	132.2 (60.1)
	Amps			4.5	7.5	14.8	19.5	30.2	45.3
	KW			4.5	7.5	14.6	19.4	30	45.1
Height	24.4" (620mm)	24.4" (620mm)	28" (710mm)	28" (710mm)	34.9" (887mm)	34.9" (887mm)	34.9" (887mm)	34.9" (887mm)	
Width	14.4" (365mm)	14.4" (365mm)	14.4" (365mm)	14.4" (365mm)	27.2" (690mm)	27.2" (690mm)	27.2" (690mm)	34.5" (876mm)	
Depth	10.8" (275mm)	10.8" (275mm)	10.8" (275mm)	10.8" (275mm)	17.2" (438mm)	17.2" (438mm)	17.2" (438mm)	17.2" (438mm)	
Dry Weight	57 lbs (26kg)	57 lbs (26kg)	68 lbs (31kg)	68 lbs (31kg)	161 lbs (73kg)	161 lbs (73kg)	170 lbs (77kg)	216 lbs (98kg)	
Wet Weight	60 lbs (27kg)	60 lbs (27kg)	77 lbs (35kg)	77 lbs (35kg)	214 lbs (97kg)	214 lbs (97kg)	251 lbs (114kg)	342 lbs (155kg)	
No. of Elements	1	1	3	3	6	6	6	9	
Steam Outlets	1-1/4" (30mm)				1-5/8" (40mm)			2 x 1-5/8" (40mm)	
Control Voltage	24 VAC 50/60 Hz								
Ambient	34-104°F (1-40°C), 10-60% RH non-condensing, up to 6" (152mm) W.C. duct static pressure								
Feed Water	15-150 psi (1-10 bar), <=24 grains (418 ppm) hardness								
Instant Maximum Feed Water Flow	0.20 gpm (0.6 l/min)		0.30 gpm (5 l/min)		1.1 gpm (4 l/min)			2.6 gpm (10 l/min)	
Feed Water Attachment	1/4" O.D. Comp.				3/8" O.D. Comp.				
Instant Maximum Drain Water Flow	1.3 gpm (5 l/min)				6 gpm (22.5 l/min)				
Drain Water Attachment	1 - 1/2" (40mm)								
Ventilated Steam Distributors	VSDUOA				VRDXL (One (1) required for each steam outlet i.e. four (4) for UEI30)				
	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)				Weight: 63 lbs. (24 kg)				
	Noise: 30 dBA (50)				Noise: 40 dBA				

Model Selection								
UR	003	H	U	I	01	U	0	0
UR heaterSteam	Model in kg/hr from chart above	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	Type I = Deluxe	Version 01 = all 0S = UR020	USA	Reserved	Options 0 = standard B = Direct Mount Blower



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