16. HUMIDIFIER TECHNICAL SPECIFICATIONS

	model							
	UR002	**UR004**	**UR006**	**UR010**	**UR020**	**UR027**	**UR040**	**UR060**
number of heating elements	1	1	3	3	6	6	6	9
steam								
connection (φ mm)(φ inch)	30/1.18				40/1.57	40/1.57		2x40/1.57
supply pressure limits (Pa)	0…1500				2000			
supply water								
connection	G3/4"M							
temperature limits (°C)(°fH)	1T40/33.8T104							
pressure limits (MPa)	0.1 to 0.8 (1 to 8 bar)							
hardness limits (°fH)	≤ 40							
instant flow rate (l/min) (gpm)	0,6/0.13	0,6/0.13	1,2/0.26	1,2/0.26	4/0.88	4/0.88	4/0.88	10/2.2
drain water								
connection (φ mm)(φ inch)	40/1.57							
typical temperature (°C)(°fH)	≤100 / 212							
instant flow rate (l/min)(gpm)	5/1.32				22,5/5.94			
environmental conditions								
ambient operating temperature (°C)	1T40/33.8T104							
ambient operating humidity (% rH)	10 to 60							
storage temperature (°C) (°fH)	-10T70/14T158							
storage humidity (% rH)	5 to 95							
index of protection	IP20							
control								
type	URC-URH-URS							
voltage / auxiliary frequency (V / Hz)	24 / 50/60							
maximum auxiliary power (VA)	30							
probe inputs (general characteristics)	selectable input signal: 0 to 1 Vdc, 0 to 10 Vdc, 2 to 10 Vdc, 0 to 20 mA, 4 to 20 mA							
	input impedance: 60 kΩ with signals: 0 to 1 Vdc, 0 to 10 Vdc, 2 to 10 Vdc							
	50 Ω with signals: 0 to 20 mA, 4 to 20 mA							
power to active probes (general characteristics)	24 Vdc (24 Vac rectified), Imax= 250 mA							
	12 Vdc 5%, Imax= 50 mA							
alarm relay and dehumidification outputs (general characteristics)	250 V 8 A (2 A)							
	type of micro-switching action 1C							
remote enabling input (general characteristics)	free contact; max. resistance max. 50 Ω; Vmax=24 Vdc; Imax=5 mA							
serial communication	two-lead RS485							

Table 16.a

ENGLISH