



Total Test Solutions
Improving Your Bottom Line



Reach-In Temperature and/or Humidity Chamber (2-3°C/min)

Specifications:

Model	RT-16P	RTH-16P	TC-16P	RTHC-16P	RT-37P	RTH-37P	RTC-37P	RTHC-37P
Volume	16 FT ³				37 FT ³			
Inner Dimensions (WxDxH)	26"x 30" x 36"				40" x 40" x 40"			
Outer Dimensions (WxDxH)	35" x 56" x 74"				49" x 60"x 78"			
Temperature Range ¹	-30 °C to +200 °C		-65 °C to +200 °C		-30 °C to +200 °C		-65 °C to +200 °C	
Tolerance at the sensor (°C)	+ 1.0 °C				+ 1.0 °C			
Humidity Range ²	--	15 to 95 % RH	--	15 to 95 % RH	--	15 to 95 % RH	--	15 to 95 % RH
Tolerance at the sensor	--	+ 5% RH	--	+ 5% RH	--	+ 5% RH	--	+ 5% RH
Heating Change Rate ³	-20 °C to +85 °C within 30 minutes		-40 °C to +85 °C within 45 minutes		-20 °C to +85 °C within 35 minutes		-40 °C to +85 °C within 50 minutes	
Cooling Change Rate ³	+85 °C to -20 °C within 40 minutes		+85 °C to -40 °C within 50 minutes		+85 °C to -20 °C within 40 minutes		+85 °C to -40 °C within 60 minutes	
Live Load Capability	750 Watts @ -20° C		900 Watts @ -40° C		1200 Watts @ -20° C		1500 Watts @ -40° C	

110 Decosta St. Arnprior, Ontario, K7S 3G7
Tel: (613) 623-9750 | Fax: (613) 623-4173

call toll free 1-877-214-1162



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Controller	Setpoint/Programmable PID Control				Setpoint/Programmable PID Control			
Refrigeration System	Single Stage, Air or Water-Cooled 1 @ 2 Hp		Cascade, Air or Water-Cooled 2 @ 2 Hp		Single Stage, Air or Water-Cooled 1 @ 3 Hp		Cascade, Air or Water-Cooled 2 @ 3Hp	
Air Heaters	1 x 4000 Watts				2 x 4000 Watts			
Humidity Heater	--	1 x 2000 Watts	--	1 x 2000 Watts	--	2 x 2000 Watts	--	2 x 2000 Watts
Supply Voltage	208 - 230 V/1Ø/60 Hz or, 208-230V/3Ø/ 60Hz				208 - 230 V/1Ø/60 Hz or, 208-230V/3Ø/ 60Hz			
Full Load Amps	38/27	48/37	45/32	55/42	45/32	60/44	55/39	70/52
Heat Rejection @ 20° C Ambient (BTHU)	23,792		31,844		37,772		51,044	
Drain	1/2"				1/2"			
D.I. Water Supply (25 psig max)	--	1/4"	--	1/4"	--	1/4"	--	1/4"
Weight (lbs)	1200	1250	1600	1650	1400	1450	1800	1850

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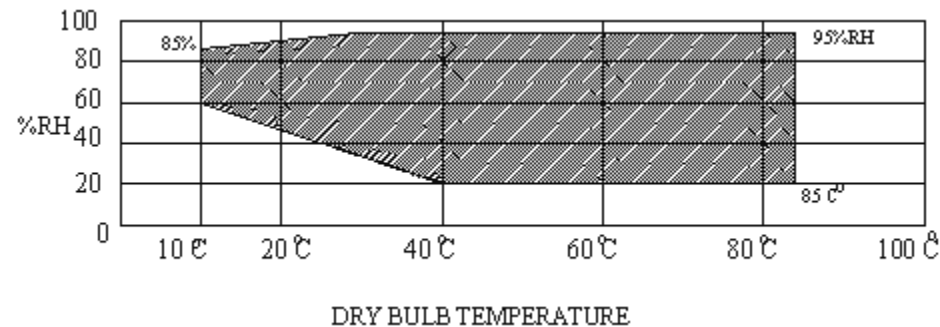
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1. 20 °C ambient temperature required for assured performance.

2. Humidity Range Shown Below (Live Load = 0 W).



3. Based on a live load = 0 Watts and 10 lbs. equivalent mass of Al

Specifications Subject To Change without Notice