

RST10K1-TA5

HCFC, R-22, 60 Hz, 3 - Phase, 200/230 V [. Also Available with Variable Frequency Drives](#)

Medium Temperature

Production Status: This compressor and/or application of this compressor is not available to U.S. OEM customers. A field replacement is currently available through a U.S. Emerson Climate Technologies Wholesaler. Please check with your local Copeland Representative for international availability.

Performance			Mechanical					
Evaporator Temp. (°F)	20.00	0	Displacement (in ³ /Rev):	1.70				
Condensing Temp. (°F)	120.00	110	Displacement (ft ³ /Hr):					
Return Gas Temp. (°F)	40.00	40	Overall Length (in):	10.30				
Liquid Temp. (°F)	120.00	110	Overall Width (in):	7.10				
Capacity (BTU/hr)	9780	6500	Overall Height (in):	9.80				
Power (W):	1500	1240	Mounting Length (in):	8.00				
Current (Amps):	5.3	4.6	Mounting Width (in):	4.80				
EER(BTU/Wh):	6.5	5.3	Mounting Height (in):	10.40				
Mass Flow (lbs/hr):	152	95	Suction Size (in),Type:	1 / 2 Stub				
Sound Data @			Discharge Size (in),Type:	3 / 8 Stub				
Sound Power (dBA):	0 Avg	0 Max	Initial Oil Charge (oz):	22				
Vibration mils(peak-peak):	0.0 Avg	0.0 Max	Oil Recharge (oz):	20				
Record Date:	2012-01-27		Oil Type:	ABO				
			Net Weight (lbs):	39.2				
			Internal Free Volume (in ³):					
			Horse Power:					
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.					
Electrical			Capacitors					
LRA High* (Amps):	40.0		Type	Part No	Low MFD	High MFD	Volts	User Description
LRA Low*(Amps):			No data available in table					
LRA Half Winding (Amps):								
MCC (Amps):	9.2							
Max Operating Current (Amps):								
RLA, MCC/1.4(use for contactor selection)(Amps):	6.6							
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	5.9							
RPM:	3500							
Box IP :								
UL File No:								
UL File Date:								

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

Alternate Applications

Refrigerant	Voltage	Phase	Frequency	Application
R-22 HCFC	200/230	3	60	High Temp