

CR24K6E-TF5

HCFC, R-22, 60 Hz, 3 -Phase, 200/230 V
Air Conditioning



Production Status: Available for sale to all U.S. customers. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance

Evaporator Temp. (°F)	45	45
Condensing Temp. (°F)	130	100
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	115	85
Capacity (Btu/hr)	24000	32000
Power (W):	2210	1780
Current (Amps):	6.80	5.80
EER (Btu/Wh):	10.90	18.00
Mass Flow (lbs/hr):	351	413
<u>Sound Data @</u>		
Sound Power (dBA):	72 Avg	77 Max
Vibration mils(peak-peak):	2.3 Avg	3.3 Max
Record Date:	2014-03-06	

Mechanical

Displacment(in ³ /Rev):	2.70
Displacment(ft ³ /hr):	328.22
Overall Length (in):	10.23
Overall Width (in):	9.65
Overall Height (in):	13.44
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	13.81 *
Suction Size (in),Type:	3/4 Stub
Discharge Size (in),Type:	1/2 Stub
Initial Oil Charge (oz):	45
Oil Recharge (oz):	43
Net Weight (lbs):	60.0
Internal Free Volume (in ³):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical

LRA-High*(Amp):	55.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	10.8
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	7.7
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	6.9
RPM:	
UL File No:	
UL File Date:	1984-12-28
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.	

Capacitors

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-22 HCFC	200/230	3	60	UL High Temp
R-22 HCFC	200/240	3	50	UL High Temp
R-22 HCFC	200/240	3	50	Air Conditioning
R-407C HFC	200/240	3	50	Air Conditioning
R-407C HFC	200/230	3	60	Air Conditioning