

ZR42K5E-TF5HCFC, R-22, 60 Hz, 3 - Phase, 200/230 V [. Also Available with Variable Frequency Drives](#)**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			Mechanical					
Evaporator Temp. (°F)	45.00	50	Displacement (in ³ /Rev):	3.45				
Condensing Temp. (°F)	130.00	100	Displacement (ft ³ /Hr):					
Return Gas Temp. (°F)	65.00	70	Overall Length (in):	9.69				
Liquid Temp. (°F)	115.00	85	Overall Width (in):	9.69				
Capacity (BTU/hr)	42200	55900	Overall Height (in):	19.94				
Power (W):	3750	2540	Mounting Length (in):	7.50				
Current (Amps):	11.25	8.6	Mounting Width (in):	7.50				
EER(BTU/Wh):	11.25	21.95	Mounting Height (in):	17.17				
Mass Flow (lbs/hr):	618	716	Suction Size (in),Type:	7 / 8 Stub				
Sound Data @ 45 / 130			Discharge Size (in),Type:	1 / 2 Stub				
Sound Power (dBA):	73 Avg	78 Max	Initial Oil Charge (oz):	42				
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Oil Recharge (oz):	34				
Record Date:	2015-10-13		Oil Type:	3MA				
			Net Weight (lbs):	61.0				
			Internal Free Volume (in ³):	226.3				
			Horse Power:	3.5				
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.					
Electrical			Capacitors					
LRA High* (Amps):	93.0		Type	Part No	Low MFD	High MFD	Volts	User Description
LRA Low*(Amps):			No data available in table					
LRA Half Winding (Amps):								
MCC (Amps):	20							
Max Operating Current (Amps):	15.5							
RLA, MCC/1.4(use for contactor selection)(Amps):	14.3							
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	12.8							
RPM:	3500							
Box IP :	21							
UL File No:	SA-2337							
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	200/220	3	50	Air Conditioning
R-407C HFC	200/220	3	50	Air Conditioning
R-407C HFC	200/230	3	60	Air Conditioning