

# CR53KQE-PFV

HCFC, R-22, 60Hz, 1- Phase, 208/230 V

UL High Temp

Production Status:



## Performance

Evap(°F)/Cond(°F)	45 / 130	45 / 100
Capacity (Btu/hr)	52250	68000
Power (Watts):	4920	4230
Current (Amps):		
EER (Btu/Wh):	10.62	16.08
Mass Flow (lbs/hr):		
Sound Power (dBA):	78 Avg	83 Max
Vibration (mils(peak-peak)):	4.0 Avg	5.0 Max
Record Date:		

## Mechanical

Number of Cylinders:	2	Displ(in <sup>3</sup> /Rev):	5.47
Bore Size(in):	1.96	Displ(ft <sup>3</sup> /hr):	665.12
Stroke(in):	0.91		
Overall Length (in):	10.62	Mounting Length (in):	7.50
Overall Width (in):	9.22	Mounting Width (in):	7.50
Overall Height (in):	14.81	Mounting Height (in):	15.19 *
Suction Size (in):		7/8 Stub	
Discharge Size (in):		1/2 Stub	
Oil Recharge (oz):		43	
Initial Oil Charge (oz):		45	
Net Weight (lbs):		77	
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	140.0	MCC (Amps):	40.5	UL File No:	
LRA-Half Winding:		RPM:		UL File Date:	
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		28.9			
RLA(=MCC/1.56;use for breaker & wire size selection):		26			
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					
Type	Part No	Low MFD	High MFD	Volts	User Description
Start Capacitor	014-0006-13	189.0	227.0	330	HIGH TORQUE
Start Capacitor	014-0061-13	64.0	77.0	330	LOW TORQUE
Run Capacitor	014-0064-18	60.0	0.0	440	

## Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-22 HCFC	50	1	200	UL High Temp
R-407C HFC	50	1	200	Air Conditioning
R-407C HFC	60	1	208/230	Air Conditioning