

4RK2-250A-FSD

HCFC, R-22, 60Hz, 3- Phase, 460 V
High Temp



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 Emerson Climate Technologies Representative for international availability.

Performance

Evap(°F)/Cond(°F)	45 / 130	20 / 120
RG(°F)/Liq(°F)	65.0 / 130.0	65.0 / 120.0
Capacity (Btu/hr)	229000	141000
Power (Watts):	24400	18700
Current (Amps):	37.80	30.50
EER (Btu/Wh):	9.40	7.50
Mass Flow (lbs/hr):	3620	2060
Sound Power (dBA):		
Vibration (mils(peak-peak)):		
Record Date:	2009-08-27	

Mechanical

Number of Cylinders:	4	Displ(in ³ /Rev):	49.67
Bore Size(in):	2.69	Displ(ft ³ /hr):	3017.79
Stroke(in):	2.19		
Overall Length (in):	26.41	Mounting Length (in):	15.00
Overall Width (in):	19.03	Mounting Width (in):	12.00
Overall Height (in):	17.97	Mounting Height (in):	19.16 *
Suction Size (in):		2 1/8 Sweat	
Discharge Size (in):		1 1/8 Sweat	
Oil Recharge (oz):		125	
Initial Oil Charge (oz):		135	
Net Weight (lbs):		462	
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	165.0	MCC (Amps):	63.0	UL File No:	SA-2337
LRA-Half Winding:	100.0	RPM:	3500	UL File Date:	07-Apr-1971
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		45			
RLA(=MCC/1.56;use for breaker & wire size selection):		40.4			
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-22 HCFC	50	3	380/420	High Temp
R-22 HCFC	60	3	460	High Temp