

CR32K6E-PFJ

HCFC, R-22, 60 Hz, 1 - Phase, 265 V

Air Conditioning

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

Summary

Performance		
Evaporator Temp. (°F)	45.00	45
Condensing Temp. (°F)	130.00	100
Return Gas Temp. (°F)	65.00	65
Liquid Temp. (°F)	115.00	85
Capacity (BTU/hr)	32000	42400
Power (W):	2970	2390
Current (Amps):	12.6	10.5
EER(BTU/Wh):	10.8	17.7
Mass Flow (lbs/hr):	469	545
Sound Data @		
Sound Power (dBA):	74 Avg	79 Max
Vibration mils(peak-peak):	3.4 Avg	4.4 Max
Record Date:		
Mechanical		
Displacement (in^3/Rev):	3.49	
Displacement (ft^3/Hr):		
Overall Length (in):	10.20	
Overall Width (in):	9.70	
Overall Height (in):	13.80	
Mounting Length (in):	7.50	
Mounting Width (in):	7.50	
Mounting Height (in):	14.20	

Suction Size (in),Type:	3 / 4 Stub
Discharge Size (in),Type:	1 / 2 Stub
Initial Oil Charge (oz):	45
Oil Recharge (oz):	43
Oil Type:	POE
Net Weight (lbs):	66.0

Internal Free Volume (in^3):

*Overall compressor height on Copeland Brand Product's specified mounting grommets.

Electrical

LRA High* (Amps):	83
LRA Low*(Amps):	
LRA Half Winding (Amps):	
MCC (Amps):	21
Max Operating Current (Amps):	
RLA, MCC/1.4(use for contactor selection)(Amps):	15.0
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	13.5
RPM:	3500
Box IP :	
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

Type	Part No	Low MFD	High MFD	Volts	User Description
Run Capacitor	014-0064-08	40.0	0.0	370	
Run Capacitor	014-0064-13	35.0	0.0	440	
Start Capacitor	014-0061-16	43.0	52.0	330	
Start Capacitor	014-0061-28	145.0	175.0	250	

Alternate Applications

Refrigerant	Voltage	Phase	Frequency	Application
R-407C HFC	265	1	60	Air Conditioning

Nomenclature

CR32K6E-PFJ

Family Series

C: Family of Compressors

Application Range

R: R22, R134A, R407C

Nominal Capacity at Rating Condition

32K: Capacity Multiplier-100

Model Series Variation (Efficiency)

6: Generation 2 (BASE)

Identifier

: CK Model

OIL Identifier

E: POE OIL

Motor Type

P: 1 Phase/Capacitor Run, Permanent Split Capacitor

Motor Protection

F: Internal Inherent Protection

Voltage

J: 60Hz (265-1) 50Hz (220/240-1)