

# CR42K6-TFD

HCFC, R-22, 60 Hz, 3 -Phase, 460 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)	41700	54400
Power (W):	3810	3010
Current (Amps):	5.80	5.00
EER (Btu/Wh):	10.90	18.10
Mass Flow (lbs/hr):	610	700
<u>Sound Data @</u>		
Sound Power (dBA):	76 Avg	81 Max
Vibration mils(peak-peak):	4.0 Avg	5.0 Max
Record Date:	1993-06-18	

## Mechanical

Displacment(in <sup>3</sup> /Rev):	4.40
Displacment(ft <sup>3</sup> /hr):	534.59
Overall Length (in):	10.23
Overall Width (in):	9.65
Overall Height (in):	14.56
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	14.94 *
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):	69.0
Internal Free Volume (in <sup>3</sup> ):	485.0
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

## Electrical

LRA-High*(Amp):	42.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	8.9
Max Operating Current(Amp):	7.1
RLA, MCC/1.4;use for contactor selection (Amp):	6.4
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	5.7
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	380/420	3	50	Air Conditioning