

## ZR72KCE-TFD

HFC, R-134a, 60Hz, 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

Evap(°F)/Cond(°F)	45 / 130	45 / 100
RG(°F)/Liq(°F)	65.0 / 115.0	65.0 / 85.0
Capacity (Btu/hr)	49000	59000
Power (Watts):	4420	3130
Current (Amps):	7.00	5.60
EER (Btu/Wh):	11.10	18.90
Mass Flow (lbs/hr):	775	800
Sound Power (dBA):	75 Avg	80 Max
Vibration (mils(peak-peak)):	2.0 Avg	3.0 Max
Record Date:	2009-05-19	

### Mechanical

Number of Cylinders:	0	Displ(in^3/Rev):	5.98
Bore Size(in):	0.00	Displ(ft^3/hr):	727.10
Stroke(in):	0.00		
Overall Length (in):	9.69	Mounting Length (in):	7.50
Overall Width (in):	9.69	Mounting Width (in):	7.50
Overall Height (in):	17.75	Mounting Height (in):	18.00 *
Suction Size (in):	7/8 Stub		
Discharge Size (in):	1/2 Stub		
Oil Recharge (oz):	56		
Initial Oil Charge (oz):	60		
Net Weight (lbs):	85		
Internal Free Volume (in^3):	248.0		
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

### Electrical

LRA-High*:	75.0	MCC (Amps):	14.0	UL File No:	
LRA-Half Winding:		RPM:	3500	UL File Date:	26-Jul-1993
LRA Low*:		Max Operating Current:	12.1		
RLA(=MCC/1.4;use for contactor selection):	10				
RLA(=MCC/1.56;use for breaker & wire size selection):	9				
*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	60	3	460	Air Conditioning
R-407C HFC	60	3	460	Air Conditioning
R-22 HCFC	50	3	380/420	Air Conditioning
R-134a HFC	50	3	380/420	Air Conditioning
R-407C HFC	50	3	380/420	Air Conditioning