

ZB21KCE-TF5

HFC, R-404A, 60 Hz, 3 -phase, 200/230 V

Medium Temperature



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)	20 / 120	45 / 130
RG(°F)/Liq(°F)	65.0 / 120.0	65.0 / 130.0
Capacity (Btu/hr)	22100	31800
Power (Watts):	3260	3670
Current (Amps):	9.80	10.70
EER (Btu/Wh):	6.80	8.70
Mass Flow (lbs/hr):	464	775
Sound Data @		
Sound Power (dBA):	71 Avg	76 Max
Vibration (mils(peak-peak)):	2.0 Avg	3.0 Max
Record Date:	2004-06-16	

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	3.02
Bore Size(in):	0.00	Displ(ft ³ /hr):	367.01
Stroke(in):	0.00		
Overall Length (in):	9.50	Mounting Length (in):	7.50
Overall Width (in):	9.50	Mounting Width (in):	7.50
Overall Height (in):	15.93	Mounting Height (in):	16.16 *
Suction Size (in):	3/4 Stub		
Discharge Size (in):	1/2 Stub		
Oil Recharge (oz):	45		
Initial Oil Charge (oz):	49		
Net Weight (lbs):	60		
Internal Free Volume (in ³):	145.0		
Horse Power:	3		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	77.0	MCC (Amps):	17.0	UL File No:
LRA-Half Winding:		RPM:	3500	UL File Date:
LRA Low*:		Max Operating Current:	14.3	
RLA(=MCC/1.4;use for contactor selection):	12.1			
RLA(=MCC/1.56;use for breaker & wire size selection):	10.9			
*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-134a HFC	50	3	200/220	High Temp
R-134a HFC	60	3	200/230	High Temp
R-404A HFC	50	3	200/220	Medium Temperature
R-507 HFC	50	3	200/220	Medium Temperature
R-507 HFC	60	3	200/230	Medium Temperature
R-22 HCFC	50	3	200/220	High Temp
R-22 HCFC	60	3	200/230	High Temp
R-407C HFC	50	3	200/220	Medium Temperature
R-407C HFC	60	3	200/230	Medium Temperature
R-407A HFC	50	3	200/220	Medium Temperature

Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-407A HFC	60	3	200/230	Medium Temperature
R-407F HFC	50	3	200/220	Medium Temperature
R-407F HFC	60	3	200/230	Medium Temperature