

ZB19KCE-TF5

HFC , R-407A, 60 Hz, 3 - Phase, 200/230 V , [Also Available with Variable Frequency Drives](#)

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			Mechanical		
Evaporator Temp. (°F)	20.00	45	Displacement (in ³ /Rev):	2.40	
Condensing Temp. (°F)	120.00	130	Displacement (ft ³ /Hr):		
Return Gas Temp. (°F)	65.00	65	Overall Length (in):	9.50	
Liquid Temp. (°F)	120.00	130	Overall Width (in):	9.50	
Capacity (BTU/hr)	16650	26100	Overall Height (in):	15.04	
Power (W):	2490	2920	Mounting Length (in):	7.50	
Current (Amps):	8	8.95	Mounting Width (in):	7.50	
EER(BTU/Wh):	6.7	8.95	Mounting Height (in):	15.27	
Mass Flow (lbs/hr):	262	455	Suction Size (in),Type:	3 / 4 Stub	
Sound Data @ 20 / 120			Discharge Size (in),Type:	1 / 2 Stub	
Sound Power (dBA):	71 Avg	76 Max	Initial Oil Charge (oz):	49	
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Oil Recharge (oz):	45	
Record Date:	2023-05-16		Oil Type:	POE	
			Net Weight (lbs):	60.0	
			Internal Free Volume (in ³):	145.0	
			Horse Power:	*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical		Capacitors				
LRA High* (Amps):	63	Type	Part No	Low MFD	High MFD	Volts User Description
LRA Low*(Amps):		No data available in table				
LRA Half Winding (Amps):						
MCC (Amps):	14					
Max Operating Current (Amps):						
RLA, MCC/1.4(use for contactor selection)(Amps):	10.0					
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	9.0					
RPM:	3500					
Box IP :	21					
UL File No:						
UL File Date:						

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

Alternate Applications

Refrigerant	Voltage	Phase	Frequency	Application
R-134a HFC	200/220	3	50	High Temp
R-134a HFC	200/230	3	60	High Temp
R-22 HCFC	200/220	3	50	High Temp
R-22 HCFC	200/230	3	60	High Temp
R-404A HFC	200/220	3	50	Medium Temperature
R-404A HFC	200/230	3	60	Medium Temperature
R-407A HFC	200/220	3	50	Medium Temperature
R-407C HFC	200/220	3	50	High Temp
R-407C HFC	200/230	3	60	High Temp
R-407F HFC	200/220	3	50	Medium Temperature
R-407F HFC	200/230	3	60	Medium Temperature
R-448A HFO	200/220	3	50	Medium Temperature
R-448A HFO	200/230	3	60	Medium Temperature
R-449A HFO	200/220	3	50	Medium Temperature
R-449A HFO	200/230	3	60	Medium Temperature
R-507 HFC	200/230	3	60	Medium Temperature
R-507 HFC	200/220	3	50	Medium Temperature
R-513A HFO	200/220	3	50	High Temp
R-513A HFO	200/230	3	60	High Temp