

ZB19KCE-TF5

HFC, R-407F, 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-407A HFC	200/230	3	60	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-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