

**ZB19KCE-TF5**HFO, R-513A, 60 Hz, 3 - Phase, 200/230 V [. Also Available with Variable Frequency Drives](#)**High Temp****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)	45.00	20	Displacement (in <sup>3</sup> /Rev):	2.40	
Condensing Temp. (°F)	130.00	120	Displacement (ft <sup>3</sup> /Hr):		
Return Gas Temp. (°F)	65.00	65	Overall Length (in):	9.50	
Liquid Temp. (°F)	130.00	120	Overall Width (in):	9.50	
Capacity (BTU/hr)	16950	10250	Overall Height (in):	15.04	
Power (W):	1925	1665	Mounting Length (in):	7.50	
Current (Amps):	6.55	5.95	Mounting Width (in):	7.50	
EER(BTU/Wh):	8.8	6.15	Mounting Height (in):	15.27	
Mass Flow (lbs/hr):	349	212	Suction Size (in),Type:	3 / 4 Stub	
Sound Data @			Discharge Size (in),Type:	1 / 2 Stub	
Sound Power (dBA):	68 Avg	73 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 <sup>3</sup> ):	145.0	
			Horse Power:		
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.		

Electrical		Capacitors			
Type	Part No	Low MFD	High MFD	Volts	User Description
LRA High* (Amps):	63	No data available in table			
LRA Low*(Amps):					
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-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