

ZB19KCE-TF5

HCFC, R-22, 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^3/Rev):			2.40		
Condensing Temp. (°F)	130.00	120	Displacement (ft^3/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)	26600	17000	Overall Height (in):			15.04		
Power (W):	2710	2430	Mounting Length (in):			7.50		
Current (Amps):	8.1	7.4	Mounting Width (in):			7.50		
EER(BTU/Wh):	9.8	7	Mounting Height (in):			15.27		
Mass Flow (lbs/hr):	420	249	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^3):			145.0		
			Horse Power:			2.5		
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.					
Electrical			Capacitors					
LRA High* (Amps):		63.0	Type	Part No	Low MFD	High MFD	Volts	User Description
LRA Low*(Amps):			No data available in table					
LRA Half Winding (Amps):								
MCC (Amps):		11.5						
Max Operating Current (Amps):		12.9						
RLA, MCC/1.4(use for contactor selection)(Amps):		8.2						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):		7.4						
RPM:		3500						
Box IP :		21						
UL File No:								
UL File Date:		1995-02-28						

*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-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
R-513A HFO	200/230	3	60	High Temp