

ZOD34K3E-TF5

CO2, R-744, 60 Hz, 3- Phase, 200/230 V

Extra-Low 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)	-31 / 14	-58 / 14
RG(°F)/Liq(°F)	5.0 / 14.0	-22.0 / 14.0
Capacity (Btu/hr)	32000	14600
Power (W):	2080	2210
Current (Amps):	6.10	6.40
EER (Btu/Wh):	15.40	6.60
Mass Flow (lbs/hr):	265	123
Sound Power (dBA):	73 Avg	78 Max
Vibration mils(peak-	2.0 Avg	3.0 Max
Record Date:	2014-07-10	

Mechanical

Number of Cylinders:	0	Displacement(in^3/Rev):	1.42
Bore Size(in):	0.00	Displacement(ft^3/hr):	172.33
Stroke(in):	0.00		
Overall Length (in):	9.57	Mounting Length (in):	7.50
Overall Width (in):	9.57	Mounting Width (in):	7.50
Overall Height (in):	14.83	Mounting Height (in):	15.10 *
Suction Size (in),Type:	1 1/4 Rotalock		
Discharge Size (in),Type:	1 Rotalock		
Oil Recharge (oz):	42		
Initial Oil Charge (oz):	46		
Net Weight (lbs):	60		
Internal Free Volume (in^3):			
Horse Power:	2		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*(Amp):	63.0	MCC (Amps):	14.0	UL File No:
LRA-Half Winding		RPM:	3500	UL File Date:
LRA Low* (Amp):		Max Operating Current	9.8	
RLA, MCC/1.4;use for contactor selection (Amp):	10			
RLA, MCC/1.56;use for breaker & wire size selection	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-744 CO2	50	3	200/220	Extra-Low Temperature