

# ZS15KAE-TF5

HFC, R-404A, 60Hz, 3- Phase, 200/230 V

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

Evap(°F)/Cond(°F)	20 / 120	45 / 130
RG(°F)/Liq(°F)	65.0 / 120.0	65.0 / 130.0
Capacity (Btu/hr)	15500	21800
Power (Watts):	2240	2470
Current (Amps):	6.80	7.50
EER (Btu/Wh):	6.95	8.85
Mass Flow (lbs/hr):	326	536
Sound Power (dBA):	70 Avg	75 Max
Vibration (mils(peak-peak)):	2.0 Avg	3.0 Max
Record Date:	2014-07-14	

## Mechanical

Number of Cylinders:	0	Displ(in <sup>3</sup> /Rev):	2.08
Bore Size(in):	0.00	Displ(ft <sup>3</sup> /hr):	252.66
Stroke(in):	0.00		
Overall Length (in):	9.69	Mounting Length (in):	7.50
Overall Width (in):	9.69	Mounting Width (in):	7.50
Overall Height (in):	15.72	Mounting Height (in):	16.00 *
Suction Size (in):	3/4 Stub		
Discharge Size (in):	1/2 Stub		
Oil Recharge (oz):	19		
Initial Oil Charge (oz):	25		
Net Weight (lbs):	49.1		
Internal Free Volume (in <sup>3</sup> ):	122.8		
Horse Power:	2.1		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	58.0	MCC (Amps):	14.9	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	16-Dec-2005
LRA Low*:		Max Operating Current:	9.9		
RLA(=MCC/1.4;use for contactor selection):	10.6				
RLA(=MCC/1.56;use for breaker & wire size selection):	9.6				
*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-404A HFC	50	3	200/220	Medium Temperature
R-507 HFC	50	3	200/220	Extended Medium Temp
R-22 HCFC	50	3	200/220	High Temp
R-134a HFC	50	3	200/220	High Temp
R-404A HFC	50	3	200/220	Extended Medium Temp
R-507 HFC	50	3	200/220	Medium Temperature
R-407C HFC	50	3	200/220	High Temp
R-407A HFC	50	3	200/220	Extended Medium Temp
R-22 HCFC	60	3	200/230	High Temp
R-134a HFC	60	3	200/230	High Temp

## Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-404A HFC	60	3	200/230	Extended Medium Temp
R-507 HFC	60	3	200/230	Medium Temperature
R-407C HFC	60	3	200/230	High Temp
R-407A HFC	60	3	200/230	Extended Medium Temp
R-507 HFC	60	3	200/230	Extended Medium Temp