

ZS19KAE-PFV

HCFC, R-22, 60 Hz, 1- Phase, 208/230 V

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

Evap(°F)/Cond(°F)	45 / 130	20 / 120
RG(°F)/Liq(°F)	65.0 / 130.0	40.0 / 120.0
Capacity (Btu/hr)	26900	17450
Power (W):	2830	2260
Current (Amps):	12.40	9.95
EER (Btu/Wh):	9.50	7.70
Mass Flow (lbs/hr):	425	271
Sound Power (dBA):	70 Avg	75 Max
Vibration mils(peak-	2.0 Avg	3.0 Max
Record Date:	2011-10-25	

Mechanical

Number of Cylinders:	0	Displacement(in^3/Rev):	2.36
Bore Size(in):	0.00	Displacement(ft^3/hr):	286.93
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),Type:	3/4 Stub		
Discharge Size (in),Type:	1/2 Stub		
Oil Recharge (oz):	19		
Initial Oil Charge (oz):	25		
Net Weight (lbs):	49		
Internal Free Volume (in^3):	118.0		
Horse Power:	2.5		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*(Amp):	75.0	MCC (Amps):	22.0	UL File No:	SA-2337
LRA-Half Winding		RPM:	3500	UL File Date:	16-Dec-2004
LRA Low* (Amp):		Max Operating Current	15.6		
RLA, MCC/1.4;use for contactor selection (Amp):	15.7				
RLA, MCC/1.56;use for breaker & wire size selection	14.1				
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					
Type	Part No	Low MFD	High MFD	Volts	User Description
Start Capacitor	014-0061-27	88.0	106.0	330	OPTIONAL
Run Capacitor	014-0064-25	45.0	0.0	370	

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-134a HFC	60	1	208/230	High Temp
R-404A HFC	60	1	208/230	Medium Temperature
R-404A HFC	60	1	208/230	Extended Medium Temp
R-507 HFC	60	1	208/230	Extended Medium Temp
R-507 HFC	60	1	208/230	Medium Temperature
R-407C HFC	60	1	208/230	High Temp
R-407A HFC	60	1	208/230	Extended Medium Temp
R-448A HFO	60	1	208/230	Extended Medium Temp
R-448A HFO	60	1	208/230	Medium Temperature

Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-449A HFO	60	1	208/230	Extended Medium Temp
R-449A HFO	60	1	208/230	Medium Temperature