

HCFC, R-22, Mid Point, 60 Hz, 3 - Phase, 208/230 V

Air Conditioning

Production Status: This model is obsolete and is no longer in production for both OEM and service replacement. Please contact Customer Service about possible replacement models.

Performance

Evap(°F)/Cond(°F)	45/130	35/105
RG(°F)/Liq(°F)	65/115	65/90
Capacity (Btu/hr):	124000	118000
Power (Watts):	10500	8150
Current (Amps):	31.9	26.1
EER (Btu/Wh):	11.8	14.5
Mass Flow (lbs/hr):	1810.0	1570.0
Sound Power(dBA):	0 Ave 0 Max	
Vibration (mils(peak-peak)):	0.0 Ave 0.0 Max	
Record Date:	2001-11-07	

Mechanical

Number of Cylinders:	3	Displ (in^3/Rev):	22.56
Bore Size (in):	2.188	Displ (ft^3/hr):	1370.784
Stroke (in):	2.0		
Overall Length (in):	26.78	Mounting Length (in):	15.0
Overall Width (in):	15.06	Mounting Width(in):	12.0
Overall Height (in):	21.31	Mounting Height (in):	22.34*
Suction Size (in):	1 3/8 Sweat		
Discharge Size (in):	1 1/8 Sweat		
Initial Oil Charge (oz):	125		
Oil Recharge (oz):	115		
Net Weight (lbs):	385.0		
Internal Free Volume (in^3):			
HorsePower	8.0		
* Overall compressor height on Copeland Brand Product's specified mounting grommets			

Electrical

LRA-High*:	215.0	MCC (Amps):	57.4	UL File No.:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	26-Jul-1985
LRA-Low*:		Max Operating Current:			
RLA(=MCC/1.4; use for contactor selection): 41					
RLA (=MCC/1.56; use for breaker & wire size selection): 36.8					
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

Alternate Applications

Refrigerant	Frequency(Hz)	Phase	Voltage	Application
R-22 HCFC	50	3	200/220	Air Conditioning
R-22 HCFC	50	3	200/220	Medium Temperature
R-502 CFC	50	3	200/220	
R-22 HCFC	60	3	208/230	Medium Temperature
R-502 CFC	60	3	208/230	

HCFC, R-22, Mid Point, 60 Hz, 3 - Phase, 208/230 V

Air Conditioning

Production Status: This model is obsolete and is no longer in production for both OEM and service replacement. Please contact Customer Service about possible replacement models.

Service Parts

Reference	Component	Quantity	Description	Comments
31	003-0098-00	1	PLATE-BOTTOM	
65	003-0107-00	1	PLATE-RESTRICTOR	2474138
10	005-0650-03	1	COVER-STATOR	
13	020-0012-09	1	GASKET-SERVICE VALVE	2880908 SUCTION
64	020-0012-09	2	GASKET-SERVICE VALVE	2880908 GASKET REQUIRED ON BOTH SIDES OF MUFFLER PLATE
35	020-0028-03	1	SEAL-ROTALOCK FITTING	TEFLON 1.500 O.D. DISCHARGE
15	020-0146-00	1	GASKET-TERM MTG PLATE	
61	020-0297-13	1	GASKET-SENTRONIC SENSOR	
7	020-0479-00	1	GASKET-BOTTOM PLATE	
36	020-0678-00	1	GASKET-CLOSURE PLATE	
9	020-0709-00	1	GASKET-STATOR COVER	
37	020-0726-00	1	GASKET-COVER PLATE	
38	020-0727-00	1	GASKET-SPACER PLATE	
1	020-0730-00	1	GASKET-CYLINDER HEAD	
5	020-0732-00	1	GASKET-OIL PUMP	2942708
4	020-0749-00	1	GASKET-HOUSING COVER	
39	020-0783-00	1	GASKET-UNLOADER VALVE	
25	020-0844-04	1	SEAL-SIGHT GLASS	2042028
	023-0039-01	1	COIL-SOLENOID	120V
60	023-0039-02	1	COIL-SOLENOID	208/240V
52	030-0187-00	1	SLEEVE-HEATER	
17	062-0205-00	1	BOX-TERMINAL	
44	080-0026-00	1	BLOCK-TERMINAL	
19	503-0804-00	1	PLATE-TERMINAL GROUP	
20	505-0281-08	1	COVER-TERMINAL ASSM	
33	510-0142-00	1	VALVE-OIL CHECK ASSM	2852661
24	510-0191-00	1	VALVE-SCHRADER TEE	INSTALLED IN OIL PUMP
41	527-0009-00	1	SPACER-MOUNTING ASSM	
30	918-0028-00	1	HEATER-CC--100W/120V	WELD
30	918-0028-01	1	HEATER-CC--100W/240V	WELD
72	920-0981-02	1	V-PLATE GASKET KIT	DELTA REED
8	998-0002-02	1	SIGHT GLASS KIT	
6	998-0008-33	1	OIL PUMP KIT	WITH OIL PUMPBOLTSGASKETS& ADAPTER RING
46	998-0036-00	1	ROTALOCK ADAPTER KIT	ADAPTER USED TO MOUNT A ROTALOCK DISCHARGE SERVICE VALVE
66	998-0326-00	1	MODULD VALVE & GKT	
67	998-0326-02	1	MODULD VALVE & GKT 120V	
68	998-0326-03	1	MODULD VALVE & GKT 240V	
21	998-0429-06	1	PROTECTOR & GASKET KIT	
26	998-0510-02	1	SERV VALVE KIT 1 1/8 SWT	ROTALOCKDISCHARGE
14	998-0510-11	1	SERV VALVE KIT 1 3/8 SWT	2 BOLTSUCTION
29	998-0513-03	1	OIL SCREEN KIT	
62	998-0513-04	1	SUCTION SCREEN KIT	
32	998-0700-02	1	BRACKET KIT	
40	998-1669-04	1	GASKET SET	
3	998-2661-53	1	VALVE PLATE KIT	
27	998-5100-02	1	SUCT & DISCH VALVE KIT	WITH VALVESBOLTS& GASKETS