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# COMFORT-AIRE HTV24-208-60-1 Owner's Manual

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HTV PARTS LIST		REV LEVEL	24	36	48	60
			208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
Part #	Item Description	A				

**Compressors and Solenoid**

34B0083N01	COMPRESSOR ZPS20K4E-PFV 230V 1 PH		1			
34B0084N01	COMPRESSOR ZPS30K4E-PFV 230V 1 PH			1		
34B0085N01	COMPRESSOR ZPS40K4E-PFV 230V 1 PH				1	
34B0086N01	COMPRESSOR ZPS51K4E-PFV 230V 1 PH					1
15B0008N01	SOLENOID ZPS COMP 24VAC		1	1	1	1

**Compressor Mounting Hardware**

68154402	GROMMET, COMPRESSOR MOUNTING PLATE		5	5	5	5
68154502	SLEEVE		4	4	4	4
56B0003N01	SPRING, COMPRESSOR		4	4	4	4
56B0004N01	GROMMET, COMPRESSOR		4	4	4	4

**Compressor Contactors**

13B0002N02	CONTACTOR 2 POLE 40A 1PH		1	1	1	1
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**Compressor Run Capacitors**

24280811	CAPACITOR 35 MFD 370V		1			
24280812	CAPACITOR 40 MFD 370V			1		
24280837	CAPACITOR 45 MFD 370V				1	
24280854	CAPACITOR 80 MFD 370V					1

**Air Coil Assemblies with distributor attached**

61S0158N55	AIR COIL ASSY E-COATED		1			
61S0159N55	AIR COIL ASSY E-COATED			1		
61S0160N55	AIR COIL ASSY E-COATED				1	
61S0161N55	AIR COIL ASSY E-COATED					1

**ICM Blower Motors**

S14S0016N04	MOTOR 1/2 HP ICM w/PROGRAM FOR HTV024, 208/230V		1			
S14S0016N03	MOTOR 1/2 HP ICM w/PROGRAM FOR HTV036, 208/230V			1		
S14S0016N02	MOTOR 1 HP ICM w/PROGRAM FOR HTV048, 208/230V				1	
S14S0016N01	MOTOR 1 HP ICM w/PROGRAM FOR HTV060, 208/230V					1

**ICM Blower Motor Accessories**

17B0019N01	ICM INTERFACE BOARD		1	1	1	1
69818301	ICM CONTROL WIRE HARNESS		1	1	1	1

HTV PARTS LIST		REV LEVEL	24	36	48	60
			208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
Part #	Item Description	A				

**Blower Wheels and Housings**

68624003	BLOWER WHEEL 9x7		1			
12331625	BLOWER HOUSING w/INLET RINGS- FOR 9x7 WHEEL		1			
71008707	BLOWER CUT OFF FOR 9x7 HOUSING		1			
73B0004N01	BLOWER HOUSING ASSY W/WHEEL & INLET RING, 12X10T			1	1	1

**Blower Motor Mounting Parts**

75B0002N01	MOTOR MOUNT BAND 5.6DIA		1	1	1	1
75B0001N03	MOTOR MOUNT ARM, SHORT		3			
75B0001N01	MOTOR MOUNT ARM, LONG			3	3	3

**Expansion Valve and Strainers**

33B0013N01	TXV P1E-2.5-ZCP275-B15-131.5-8		1			
33B0013N02	TXV P1E-3.5-ZCP275-B15-131.6-8			1		
33B0013N02	TXV P1E-3.5-ZCP275-B15-131.6-8				1	
33B0013N02	TXV P1E-3.5-ZCP275-B15-131.6-8					1
68110002	STRAINER, EXPANSION VALVE 3/8"		1	1	1	1

**Refrigeration Components**

36B0003N07	DRIER HPC-10E7 .375 sweat XH-11		1	1	1	
36B0003N06	DRIER HPC-10E6 .500 sweat XH-11					1
36B0006N05	MUFFLER, DISCHARGE		1	1	1	
36B0006N01	MUFFLER, DISCHARGE					1

**Reversing Valves with Solenoid**

69173500	VALVE, RV 3 TON w/SOLENOID S69173500		1			
69172601	VALVE, RV 6 TON w/SOLENOID S69172601			1	1	1
15B0005N01	SOLENOID, RV 24V - BLACK		1	1	1	1

**Water Coils, Insulated**

S62S0010N22	COAX ASSY K048ASNZ SW CN INSUL		1			
S62S0009N22	COAX ASSY K060ASNZ SW CN INSUL			1		
S62S0024N22	COAX ASSY K084AMNZ SW CN INSUL				1	
S62S0013N22	COAX ASSY K096AMDZ SW CN INSUL					1

HTV PARTS LIST		REV LEVEL	24	36	48	60
			208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
Part #	Item Description	A				

**Pressure Switches**

13B0015N01	HIGH PRESSURE NC 600/450 PSIG		1	1	1	1
68663902	LOSS OF CHARGE 35/60 PSIG		1	1	1	1

**Controllers, Thermistors, Sensors, Harnesses**

17B0001N01	CONTROLLER CXM		1	1	1	1
17B0005N06	THERMISTOR CXM/DXM GRAY 36 INCH LEADS		1	1	1	1
17B0005N02	THERMISTOR CXM/DXM VIOLET 48 INCH LEADS		1	1	1	1
12B0005N01	SENSOR, CONDENSATE OVERFLOW		1	1	1	1
11B0007N01	HARNESS CXM 30 INCH LOW VOLTAGE		1	1	1	1
11B0002N01	HARNESS, ELEC HEAT		1	1	1	1

**Transformers, 75VA**

15B0002N02	TRANSFORMER 75VA, 208/230-24V 4A		1	1	1	1
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**Air Filters**

76B0001N05	FILTER 14X24X1 FG THROWAWAY		2			
76B0001N12	FILTER 14X30X1 FG THROWAWAY			2		
76B0001N10	FILTER 10X30X1 FG THROWAWAY				2	
76B0001N11	FILTER 12X30X1 FG THROWAWAY				1	
76B0001N23	FILTER 16X30X1 FG THROWAWAY					1
76B0001N24	FILTER 20X30X1 FG THROWAWAY					1

**Miscellaneous Parts**

AB8057	HANGER KIT		1	1	1	1
90B0001N01	SWIVEL UNION, NUT 1"		4	4	4	4
69706060	SWIVEL UNION, GASKET 1"		4	4	4	4
91B0002N01	SWIVEL UNION, RETAINER SNAP RING 1"		4	4	4	4
90B0002N01	SWIVEL BODY 1 FPT X 5/8 SWT		2	2	2	2
90B0002N02	SWIVEL BODY 1 FPT X 7/8 SWT		2	2	2	2
54B0003N01	PAINT TOUCH UP PEN (POLAR WHITE)		1	1	1	1
68418001	PAINT TOUCH UP SPRAY (POLAR WHITE)		1	1	1	1
90B0003N01	ADAPTOR, PVC 3/4BARB x 3/4 SOCKET (Condensate Drain)		1	1	1	1
91B0003N01	HOSE CLAMP, NYLON (Condensate Drain)		2	2	2	2
68545200	HOSE, FLEX VINYL 3/4 ID x 1 OD x 4 FT (Condensate Drain)		1	1	1	1

**Hot Water Generator**

63B0005N01	COAX DOUBLE WALL COPPER MEDIUM		1			
63B0003N01	COAX DOUBLE WALL COPPER LARGE			1	1	1
69186203	N.C. LIMIT SWITCH 125 DEG F (WATER LINE)		1	1	1	1
69186204	N.O. LIMIT SWITCH 125 DEG F (COMP. DISCH)		1	1	1	1
20S0004N01	HWG INSTALL KIT (QTY 2-1"NPT x 5/8"ODS)		1	1	1	1
69169700	PUMP POWER BLK 30A 2-POLE-PB1		1	1	1	1
69178806	PUMP 230V 5/8" SWEAT		1	1	1	1
12B0001N01	LINE VOLTAGE POWER STRIP		1	1	1	1

## HTV Sheetmetal

Part Number	Description	HTV024	HTV036	HTV048	HTV060
<b>Access Panels, Side</b>					
41F0188GFP	Side Panel, Compressor, Painted	2			
41F0195GFP	Side Panel, Compressor, Painted		2	2	2
41F0190GFP	Side Panel, Air Handler, Painted	1			
41F0197GFP	Side Panel, Air Handler, Painted		1		
41F0199GFP	Side Panel, Air Handler, Painted			1	
41F0201GFP	Side Panel, Air Handler, Painted				1

### Access Panels, Front

41F0058GFP	Front Panel, Compressor, Painted	1			
41F0063GFP	Front Panel, Compressor, Painted		1	1	1
41F0061GFP	Front Panel, Air Handler, Painted	1			
41F0067GFP	Front Panel, Air Handler, Painted		1		
41F0066GFP	Front Panel, Air Handler, Painted			1	
41F0065GFP	Front Panel, Air Handler, Painted				1

### Blower Discharge Panel

43F0532GFP	Blower Panel, Left Return, Painted	1			
43F0367GFP	Blower Panel, Left Return, Painted		1	1	1
TBD	Blower Panel, Right Return, Painted	1			
TBD	Blower Panel, Right Return, Painted		1	1	1

### Corner Post, Electrical

44F0047ANP	Corner Post, Electrical, Painted	1			
44F0044ANP	Corner Post, Electrical, Painted		1	1	1

### Corner Post, Air Handler

44F0022GFP	Corner Post, Air Handler, Painted	2			
44F0179GFP	Corner Post, Air Handler, Painted		2		
44F0181GFP	Corner Post, Air Handler, Painted			2	
44F0187GFP	Corner Post, Air Handler, Painted				2

### Corner Post, Water Coil

44F0305GNP	Corner Post, Water, Painted	1			
44F0176GNP	Corner Post, Water, Painted		1	1	1

## HTV Sheetmetal

Part Number	Description	HTV024	HTV036	HTV048	HTV060
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### Divider Panel

43S0358GFP	Divider Panel, Painted	1			
43S0361GFP	Divider Panel, Painted		1	1	1

### Drain Pan

49S0187SAN	Drain Pan, SS	1			
49S0188SAN	Drain Pan, SS		1	1	1

### Duct Collar

46F0170GNP	Duct Collar (Half) , Painted	2			
47F0301GNP	Duct Collar (Half), Painted		2	2	2

### Filter Bracket

S40S0021NNN	Filter Bracket, Painted	1			
S40S0004NNN	Filter Bracket, Painted		1		
S40S0005NNN	Filter Bracket, Painted			1	
S40S0006NNN	Filter Bracket, Painted				1

### Wrapper

44F0175GFP	Wrapper, Compressor, Painted	1			
44F0178GFP	Wrapper, Compressor, Painted		1	1	1
44F0180GFP	Wrapper, Air Handler, Painted	1			
44F0184GFP	Wrapper, Air Handler, Painted		1		
44F0185GFP	Wrapper, Air Handler, Painted			1	
44F0188GFP	Wrapper, Air Handler, Painted				1

### Base Pan

42F0150GNN	Base Pan, Painted	1			
42F0152GNN	Base Pan, Painted		1	1	1