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COMFORT-AIRE HCH042 Owner's Manual

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PARTS LIST

WATER SOURCE HEAT PUMPS

HCH/HCV

HEAT CONTROLLER, INC.

1900 Wellworth Ave. Jackson, MI 49203
www.heatcontroller.com
517-787-2100

HC PARTS LIST		Rev	006		009		012		018		024			030			036			041			042			048			060									
			265	230	265	230	265	230	265	230	265	460	230	230	265	460	230	230	265	460	230	230	265	460	230	230	265	460	230	230	265	460	230	230	265	460		
Part #	Item Description	Level	1	1	1	1	1	1	1	1	3	1	3	1	3	1	3	1	3	3	1	3	3	3	1	3	3	3	1	3	3	3	1	3	3	1	3	3

Compressors

34B0018N02	COMPRESSOR HG 1PH	B	1																																						
34B0018N01	COMPRESSOR HG 1PH	B		1																																					
34B0019N02	COMPRESSOR HG 1PH	B			1																																				
34B0019N01	COMPRESSOR HG 1PH	B				1																																			
34B0020N02	COMPRESSOR HG 1PH	B					1																																		
34B0020N01	COMPRESSOR HG 1PH	B						1																																	
34B0042N02	COMPRESSOR CR 1PH	B							1																																
34B0042N01	COMPRESSOR CR 1PH	B								1																															
34B0043N06	COMPRESSOR CR 1PH	B									1																														
34B0043N04	COMPRESSOR CR 3PH	B										1																													
34B0043N01	COMPRESSOR CR 1PH	B											1																												
34B0043N03	COMPRESSOR CR 3PH	B												1																											
68832726	COMPRESSOR CR 1PH	B													1																										
68832729	COMPRESSOR CR 3PH	B														1																									
68832727	COMPRESSOR CR 1PH	B															1																								
68832728	COMPRESSOR CR 3PH	B																1																							
34B0045N02	COMPRESSOR CR 1PH	B																	1																						
34B0045N04	COMPRESSOR CR 3PH	B																			1																				
34B0045N01	COMPRESSOR CR 1PH	B																				1																			
34B0045N03	COMPRESSOR CR 3PH	B																					1																		
34B0026N03	COMPRESSOR CR 3PH	B																						1																	
34B0026N01	COMPRESSOR CR 1PH	B																								1															
34B0026N02	COMPRESSOR CR 3PH	B																										1													
34B0026N04	COMPRESSOR CR 3PH	B																												1											
34B0041N03	COMPRESSOR CR 3PH	B																																							
34B0041N01	COMPRESSOR CR 1PH	B																																							
34B0041N02	COMPRESSOR CR 3PH	B																																							
34B0041N04	COMPRESSOR CR 3PH	B																																							
34B0027N03	COMPRESSOR CR 3PH	B																																							
34B0027N01	COMPRESSOR CR 1PH	B																																							
34B0027N02	COMPRESSOR CR 3PH	B																																							
34B0027N04	COMPRESSOR CR 3PH	B																																							
34B0028N03	COMPRESSOR ZR 3PH	B																																							
34B0028N01	COMPRESSOR ZR 1PH	B																																							
34B0028N02	COMPRESSOR ZR 3PH	B																																							
34B0028N04	COMPRESSOR ZR 3PH	B																																							

Compressor Mounting Hardware

68154406	GROMMET, COMPRESSOR	B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
69127079	BOLT, COMPRESSOR	B	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

Compressor Contactors

13B0002N02	CONTACTOR 2 POLE 40A 1PH	B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
13B0003N01	CONTACTOR 3 POLE 30A 3PH	B									1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Compressor Run Capacitors (Not req. for 3 phase)

24280806	CAPACITOR 15 MFD 370V	B	1	1	1	1																																		
24280817	CAPACITOR 15 MFD 440V	B					1																																	
24280808	CAPACITOR 20 MFD 370V	B						1	1																															
24280809	CAPACITOR 25 MFD 370V	B								1	1																													
24280810	CAPACITOR 30 MFD 370V	B										1																												
24280820	CAPACITOR 30 MFD 440V	B											1																											
24280811	CAPACITOR 35 MFD 370V	B												1																										
24280821	CAPACITOR 35 MFD 440V	B													1																									
68583200	CAPACITOR BOOT	A, B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		

Top Panel

Access Panel, Front



Divider Panel, Blower Side

Access Panel, Side

Corner Post, Electrical

HCH Sheetmetal Parts



Corner Post, Air Handler

Access Panel, Blower

Panel, Blower Discharge

HCH Sheetmetal Parts



Corner Panel, Water Coil

Divider Panel-Air Coil Side

HCH Sheetmetal Parts

HCH Sheetmetal

Part #	Description	HCH006	HCH009	HCH012	HCH018	HCH024	HCH030	HCH036	HCH042	HCH048	HCH060
1&2 Access Panels, Front and Side											
41F0168GFN	(1&2) Front Panel	1	1	1							
41F0167GFN	(1&2) Side Panel	1	1	1							
41F0077GFN	(1&2) Front and Side Panel				2	2	2				
41F0079GFN	(1&2) Front and Side Panel							2	2		
41F0081GFN	(2) Front Panel									1	1
41F0084GFN	(1) Side Panel									1	1
3 Corner Panel, Water Coil											
44F0155GFN	(3) Corner Panel, Water Coil	1	1	1							
44F0095GFN	(3) Corner Panel, Water Coil				1	1	1				
44F0098GFN	(3) Corner Panel, Water Coil							1	1		
44F0101GFN	(3) Corner Panel, Water Coil									1	1
4 Corner Posts, Electrical											
44F0156GNN	(4) Control Post (4) Control Box	1	1	1							
44F0094GNN	(4) Control Post (4) Control Box				1	1	1				
44F0097GNN	(4) Control Post (4) Control Box							1	1		
44F0100GNN	(4) Control Post (4) Control Box									1	1
5 Corner Posts, Air Handler											
44F0157GFN	(5) Corner Post, Air Handler	1	1	1							
44F0093GFN	(5) Corner Post, Air Handler				1	1	1				
44F0096GFN	(5) Corner Post, Air Handler							1	1	1	1
6 Blower Discharge Panel											
S43S0260GFN	(6) Blower Panel	1	1								
S43S0251GFN	(6) Blower Panel			1							
S43S0106GFN	(6) Blower Panel				1	1	1				
S43S0117GFN	(6) Blower Panel							1	1		
S43S0114GFN	(6) Blower Panel									1	
S43S0116GFN	(6) Blower Panel										1
7 Drain Pan Assembly											
49S0168GAP	(7) Drain Pan Assembly, Painted	1	1	1							
49S0065AFP	(7) Drain Pan Assembly, Painted				1	1	1				
49S0066AFP	(7) Drain Pan Assembly, Painted							1	1	1	
49S0067AFP	(7) Drain Pan Assembly, Painted										1
8 Duct Collar											
47F0407GNN	(8) Duct Collar	1	1	1							
47F0182GNN	(8) Duct Collar				1	1	1				
47F0177GNN	(8) Duct Collar							1	1		
47F0188GNN	(8) Duct Collar									1	1
9 Divider, Air Coil Side											
43F0250GFN	(9) Divider, One Piece	1	1	1							
43F0107GFN	(9) Divider, Air Coil Side				1	1	1				
43F0109GFN	(9) Divider, Air Coil Side							1	1		
43F0112GFN	(9) Divider, Air Coil Side									1	1

HCH Sheetmetal

Part #	Description	HCH006	HCH009	HCH012	HCH018	HCH024	HCH030	HCH036	HCH042	HCH048	HCH060
10 Divider, Blower Side											
43F0108GFN	(10) Divider, Blower Side				1	1	1				
43F0110GFN	(10) Divider, Blower Side							1	1		
43F0115GFN	(10) Divider, Blower Side									1	1
11 Filter Bracket											
46F0202GNN	(11) Filter bracket	2	2	2							
46F0148GNN	(11) Filter bracket				1	1	1				
46F0149GNN	(11) Filter bracket							1	1	1	
46F0150GNN	(11) Filter bracket										1
12 Top Panels											
42F0104GFN	(12) Top Panel	1	1	1							
42F0043GFN	(12) Top Panel				1	1	1				
42F0044GFN	(12) Top Panel							1	1		
42F0046GFN	(12) Top Panel									1	1
13 Access Panels, Blower											
41F0168GFN	(13) Air Handler Panel	1	1	1							
41F0078GFN	(13) Air Handler Panel				1	1	1				
41F0080GFN	(13) Air Handler Panel							1	1		
41F0085GFN	(13) Air Handler Panel									1	1

Panel Access, Top



Corner Post, Water

Panel Water Coil

Front Panel, Access Controls

HCV Sheetmetal Parts



Wrapper, Rear

Panel Access Side

HCV Sheetmetal Parts

Blower Panel



HCV Sheetmetal Parts



**Panel Access
Full Side**

Corner Post, Electrical

HCV Sheetmetal Parts

HCV Sheetmetal

Part #	Description	HCV009	HCV012	HCV 018, 24 & 030	HCV 041	HCV 036 & 042	HCV 048	HCV 060
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1 Panel, Access Side

41F0173GFP	(1) Panel, Access Side	1	1					
41F0113GFP	(1) Panel, Access Side			1	1			
41F0108GFP	(1) Panel, Access Side					1		
41F0123GFP	(1) Panel, Access Side						1	1

2 Panel, Access Top Side or Front

41F0175GFP	(2) Panel, Access Top Side or Front	1	1					
41F0115GFP	(2) Panel, Access Top Side or Front			1	1			
41F0110GFP	(2) Panel, Access Top Front					1		
41F0125GFP	(2) Panel, Access Top Front						1	1

3 Panel Access Full Side

41F0174GFP	(3) Panel Access Full Side	1	1					
41F0116GFP	(3) Panel Access Full Side			1	1			
41F0111GFP	(3) Panel Access Full Side					1		
41F0126GFP	(3) Panel Access Full Side						1	1

4 Panel, Water Connections

41F0177GFP	(4) Panel, Water Connections	1	1					
41F0117GFP	(4) Panel, Water Connections			1				
41F0112GFP	(4) Panel, Water Connections					1		
41F0129GFP	(4) Panel, Water Connections				1			
41F0127GFP	(4) Panel, Water Connections						1	1

5 Blower Panel Assembly

S43S0262GFP	(5) Blower Panel Assembly, Left Return	1						
S43S0261GFP	(5) Blower Panel Assembly, Left Return		1					
S43S0171N01	(5) Blower Panel Assembly, Left Return			1				
S43S0168N01	(5) Blower Panel Assembly, Left Return					1		
S43S0191N01	(5) Blower Panel Assembly, Left Return				1			
S43S0178N01	(5) Blower Panel Assembly, Left Return						1	
S43S0189N01	(5) Blower Panel Assembly, Left Return							1
S43S0264GFP	(5) Blower Panel Assembly, Right Return	1						
S43S0263GFP	(5) Blower Panel Assembly, Right Return		1					
S43S0172N01	(5) Blower Panel Assembly, Right Return			1				
S43S0169N01	(5) Blower Panel Assembly, Right Return					1		
S43S0192N01	(5) Blower Panel Assembly, Right Return				1			
S43S0179N01	(5) Blower Panel Assembly, Right Return						1	
S43S0190N01	(5) Blower Panel Assembly, Right Return							1
43S0264GFP	(5) Blower Panel Assembly, Front Return	1						
43S0263GFP	(5) Blower Panel Assembly, Front Return		1					
S43S0173N01	(5) Blower Panel Assembly, Front Return			1				
S43S0193N01	(5) Blower Panel Assembly, Front Return				1			

HCV Sheetmetal

Part #	Description	HCV009	HCV012	HCV 018, 24 & 030	HCV 041	HCV 036 & 042	HCV 048	HCV 060
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6 Corner Post, Electrical

44F0159GFP	(6) Corner Post, Electrical	1	1					
44F0133GFP	(6) Corner Post, Electrical			1	1			
44F0130GFP	(6) Corner Post, Electrical					1		
44F0138GFP	(6) Corner Post, Electrical						1	1

7 Corner Post Water

44F0160GFP	(7) Corner Post, Water	1	1					
44F0134GFP	(7) Corner Post, Water			1	1			
44F0131GFP	(7) Corner Post, Water					1		
44F0139GFP	(7) Corner Post, Water						1	1

8 Wrapper, Rear

44F0161GFP	(8) Wrapper, Rear	1	1					
44F0135GFP	(8) Wrapper, Rear			1	1			
44F0132GFP	(8) Wrapper, Rear					1		
44F0140GFP	(8) Wrapper, Rear						1	1
44F0135GTP	(8) Wrapper, Rear - Mute			1	1			
44F0132GTP	(8) Wrapper, Rear - Mute					1		
44F0140GTP	(8) Wrapper, Rear - Mute						1	1

9 Panel, Access Controls

41F0176GFP	(9) Panel, Access Bottom Front	1	1					
45F0064GFP	(9) Panel, Access Bottom Front			1	1			
45F0063GFP	(9) Panel, Access Bottom Front					1		
45F0065GFP	(9) Panel, Access Bottom Front						1	1

10 Filter Rack, Bottom

46F0205GNP	(10) Filter Rack, Bottom	1	1					
46F0171GNP	(10) Filter Rack, Bottom			1	1			
46F0168GNP	(10) Filter Rack, Bottom					1		
46F0175GNP	(10) Filter Rack, Bottom						1	1

11 Filter Rack, Top

46F0206GNP	(11) Filter Rack, Top	1	1					
46F0172GNP	(11) Filter Rack, Top			1	1			
46F0169GNP	(11) Filter Rack, Top					1		
46F0176GNP	(11) Filter Rack, Top						1	1