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# REPLACEMENT PARTS MANUAL

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## Electric Heat Packages

### Models:

EHW3HC-A04	EHW3HCDB15	EHW4HC-C05	EHW6HC-A20
EHW3HC-A05	EHW3HCDC05	EHW4HC-C09	EHW6HC-B09
EHW3HC-A10	EHW3HCDC09	EHW4HC-C15	EHW6HC-B15
EHW3HC-A15	EHW3HCDC15	EHW4HCDA05	EHW6HC-B18
EHW3HC-B05	EHW4HC-A04	EHW4HCDA15	EHW6HC-C09
EHW3HC-B09	EHW4HC-A05	EHW4HCDB05	EHW6HCDA05
EHW3HC-B15	EHW4HC-A15	EHW4HCDB15	EHW6HCDA10
EHW3HC-C05	EHW4HC-A20	EHW4HCDC15	EHW6HCDA15
EHW3HC-C15	EHW4HC-B09	EHW6HC-A05	EHW6HCDB09
EHW3HCDA10	EHW4HC-B15	EHW6HC-A10	EHW6HCDC09
EHW3HCDA15	EHW4HC-B18	EHW6HC-A15	EHW6HCDC15
EHW3HCDB09			

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## General Notes

- Revised and/or additional pages may be issued from time to time.
- A complete and current manual consists of pages shown in the following contents section.

## Important

- Contact the installing and/or local Bard distributor for all parts requirements. Make sure to have the complete model and serial number available from the unit rating plates.



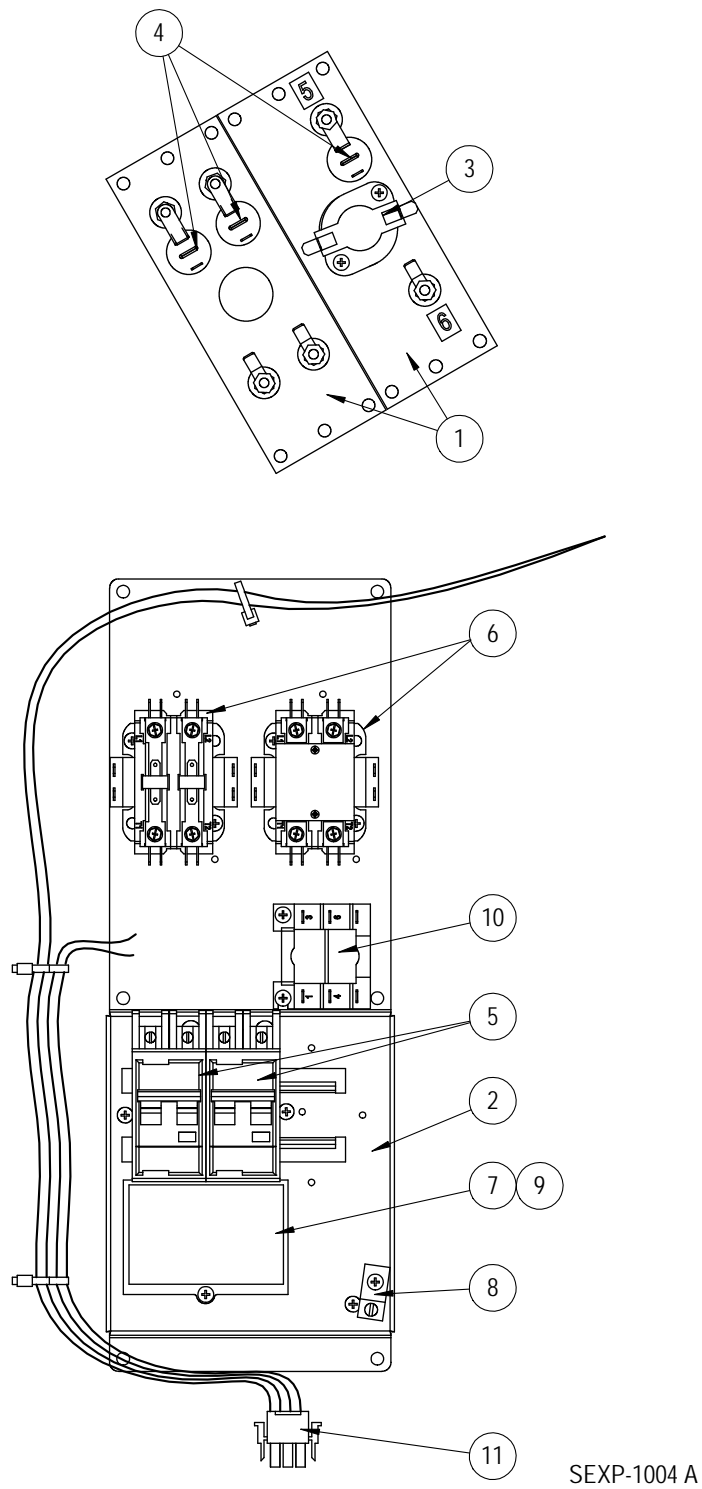
*Climate Control Solutions*

Bard Manufacturing Company, Inc.  
Bryan, Ohio 43506  
www.bardhvac.com

Manual: 2110-630D  
Supersedes: 2110-630C  
Date: 9-8-20

# FUNCTIONAL COMPONENTS

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# FUNCTIONAL COMPONENTS

Dwg. No.	Part No.	Description	EHW3HC-A04	EHW3HC-A05	EHW3HC-A10	EHW3HC-A15	EHW3HC-B05	EHW3HC-B09	EHW3HC-B15	EHW4HC-A04	EHW4HC-A05	EHW6HC-A05	EHW6HC-A10	EHW6HC-B09	EHW6HC-C09	EHW6HCDA05	EHW6HCDA10	EHW6HCDB09	EHW6HCDC09
1	8604-048	Heat Strip 9KW					X	X					X						
1	8604-049	Heat Strip 6KW	X					X	X										
1	8604-088	Heat Strip 4KW		X						X									
1	8604-089	Heat Strip 5KW			X	X					X					X			
1	8604-091	Heat Strip 10KW									X		X				X		
1	8604-101	Heat Strip 9KW												X				X	
1	8604-121	Heat Strip 9KW																X	
1	8604-154	Heat Strip 5KW					X												X
2	127-575	Heater Control Base	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	127-585	Heater Control Base												X					X
3	8402-031	Limit Control					X			X	X			X					X
3	8402-033	Limit Control	X	X	X							X	X			X	X		
3	8402-074	Limit Control				X						X	X						
3	8402-075	Limit Control						X											
3	8402-118	Limit Control						X											
3	8402-119	Limit Control							X									X	
3	8402-141	Limit Control							X										
4	8402-019	Thermal Cutoff	1	1			2						2						
4	8402-091	Thermal Cutoff						2	4	1	1			2					
4	S8402-092	Thermal Cutoff																2	2
4	S8402-094	Thermal Cutoff			1	1						1	2			1	2		
4	S8402-096	Thermal Cutoff												2					
4	8402-128	Thermal Cutoff													2				
5	8615-037	Circuit Breaker 30A			X						X					X			
5	8615-039	Circuit Breaker 45A				X											X		
5	8615-040	Circuit Breaker 50A								X							X	X	
5	8615-041	Circuit Breaker 60A	X	X	X	X				X		X	2				X	X	
5	8615-043	Circuit Breaker 40A												X					
5	8615-044	Circuit Breaker 45A					X												
5	8615-046	Circuit Breaker 60A						X	X									X	
5	S8615-095	Toggle Disconnect													X				X
5	8615-096	Toggle Cover Plate													X				X
6	S8401-002	Contactors 3-POLE 25 AMP					X	X	2					X	X			X	X
6	S8401-006	Contactors 2-POLE 20 AMP				X													
6	8401-025	Contactors 2-POLE 40 AMP			X	X				X			X				X		
6	8401-033	Contactors 2-POLE 40 AMP	X	X						X		X				X			
7	8615-047	Jumper Bar			X	X					X		X			X	X		
8	8611-006	Terminal	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	8615-049	Jumper Bar Cover			X	X				X		X				X	X		
11	3000-1640	Wire Assembly	X	X	X					X	X	X	X			X	X		
11	3000-1644	Wire Assembly					X	X						X	X			X	X
11	3000-1671	Wire Assembly				X													
11	3000-1675	Wire Assembly							X										
NS	4097-1011	Wiring Diagram	X	X						X		X							
NS	4097-1016	Wiring Diagram				X							X				X		
NS	4097-1017	Wiring Diagram			X														
NS	4097-1020	Wiring Diagram									X								
NS	4097-255	Wiring Diagram					X	X						X		X		X	
NS	4097-260	Wiring Diagram							X										
NS	4097-344	Wiring Diagram												X					X

NS – Not Shown

# FUNCTIONAL COMPONENTS

Dwg. No.	Part No.	Description	EHW3HC-C05	EHW3HC-C15	EHW3HCDA10	EHW3HCDA15	EHW3HCDB09	EHW3HCDB15	EHW3HCDC05	EHW3HCDC09	EHW3HCDC15	EHW4HC-A15	EHW4HC-B09	EHW4HC-C05	EHW4HC-C09	EHW4HCDA05	EHW4HCDB05
1	8604-048	Heat Strip 9KW					X	X					X				
1	8604-049	Heat Strip 6KW						X									
1	8604-089	Heat Strip 5KW				X						X				X	
1	8604-091	Heat Strip 10KW			X	X						X					
1	8604-100	Heat Strip 6KW		X							X						
1	8604-101	Heat Strip 9KW		X						X	X				X		
1	8604-146	Heat Strip 5KW															X
1	8604-155	Heat Strip 5KW	X						X					X			
2	127-575	Heater Control Base			X	X	X	X				X	X			X	X
2	127-585	Heater Control Base	X	X					X	X	X			X	X		
3	8402-033	Limit Control							X							X	X
3	8402-074	Limit Control			X												
3	8402-075	Limit Control				X											
3	8402-113	Limit Control						X									
3	8402-118	Limit Control							X					X			
3	8402-119	Limit Control	X				X						X		X		
3	8402-193	Limit Control		X							X	X					
4	8402-091	Thermal Cutoff					2					3	2				2
4	8402-093	Thermal Cutoff			2	3											
4	S8402-096	Thermal Cutoff														2	
4	8402-128	Thermal Cutoff	2	4				4	2	2	4			2	2		
4	8402-191	Thermal Cutoff						4									
5	8615-037	Circuit Breaker 30A			X	X										X	
5	8615-039	Circuit Breaker 45A														X	
5	8615-040	Circuit Breaker 50A										X					
5	8615-041	Circuit Breaker 60A			X	X						X					
5	8615-045	Circuit Breaker 50A										X					X
5	8615-046	Circuit Breaker 60A					X	X					X				
5	S8615-095	Toggle Disconnect	X	X					X	X	X			X	X		
5	8615-096	Switch Cover Plate	X	X					X	X	X			X	X		
6	S8401-002	Contactora 3-POLE 25 AMP	X	2			X	2	X	X	2		X	X	X		X
6	S8401-006	Contactora 2-POLE 20 AMP				X						X					
6	8401-025	Contactora 2-POLE 40 AMP			X	X						X				X	
7	8615-047	Jumper Bar			X												X
8	8611-006	Terminal	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	8615-049	Jumper Bar Cover			X	X						X					X
11	3000-1640	Wire Assembly			X											X	
11	3000-1643	Wire Assembly		X							X						
11	3000-1644	Wire Assembly	X				X		X	X			X	X	X		X
11	3000-1671	Wire Assembly				X						X					
11	3000-1675	Wire Assembly						X									
NS	4097-1016	Wiring Diagram				X						X					
NS	4097-1017	Wiring Diagram			X												
NS	4097-1020	Wiring Diagram														X	
NS	4097-1024	Wiring Diagram		X													
NS	4097-255	Wiring Diagram					X						X				X
NS	4097-260	Wiring Diagram						X									
NS	4097-344	Wiring Diagram	X						X	X				X	X		
NS	4097-345	Wiring Diagram									X						

NS – Not Shown

# FUNCTIONAL COMPONENTS

Dwg. No.	Part No.	Description	EHW4HC-B15	EHW4HC-B18	EHW4HC-C15	EHW4HCDB15	EHW4HCDC15	EHW4HC-A20	EHW6HCDC15	EHW4HCDA15	EHW6HC-A15	EHW6HC-A20	EHW6HC-B15	EHW6HC-B18	EHW6HCDA15
1	8604-048	Heat Strip 9KW		2		X									
1	8604-049	Heat Strip 6KW				X									
1	8604-089	Heat Strip 5KW								X	X				X
1	8604-091	Heat Strip 10KW						2		X	X				X
1	8604-100	Heat Strip 6KW			X				X						
1	8604-101	Heat Strip 9KW			X				X						
1	8604-116	Heat Strip 10KW										2			
1	8604-121	Heat Strip 9KW	X										X	2	
1	8604-126	Heat Strip 6KW	X										X		
2	127-575	Heater Control Base	X	X		X		X		X	X	X	X	X	X
2	127-585	Heater Control Base			X		X		X						
3	8402-075	Limit Control	X			X				X			X		
3	8402-141	Limit Control			X										
3	8402-193	Limit Control					X	X	X			X		X	
3	8402-207	Limit Control		X							X				X
4	8402-091	Thermal Cutoff										3			
4	8402-092	Thermal Cutoff				4		4							
4	S8402-096	Thermal Cutoff								3					
4	8402-114	Thermal Cutoff		4											3
4	8402-128	Thermal Cutoff	4									4	4	4	
4	8402-138	Thermal Cutoff			4		4		4						
5	8615-040	Circuit Breaker 50A								X					X
5	8615-041	Circuit Breaker 60A						2		X		2			X
5	8615-043	Circuit Breaker 40A													
5	8615-046	Circuit Breaker 60A	X	X		X							X	X	
5	8615-052	Circuit Breaker 30A		X										X	
5	S8615-095	Toggle Disconnect			X		X		X						
5	8615-096	Switch Cover Plate			X		X		X						
6	S8401-002	Contactors 3-POLE 25 AMP	2	2	2	2	2		2				2	2	
6	S8401-006	Contactors 2-POLE 20 AMP								X	X				X
6	8401-025	Contactors 2-POLE 40 AMP						2		X	X	2			X
7	8615-047	Jumper Bar						X		X	X	X			X
8	8611-006	Terminal	X	X	X	X	X	X	X	X	X	X	X	X	X
9	8615-049	Jumper Bar Cover						X		X	X	X			X
10	8201-013	Emergency Relay 3A@277V	X	X		X		X		X	X	X	X	X	X
11	3000-1671	Wire Assembly								X	X				X
11	3000-1674	Wire Assembly			X		X	X	X			X			
11	3000-1675	Wire Assembly	X	X		X							X	X	
NS	4097-1016	Wiring Diagram								X	X				X
NS	4097-1023	Wiring Diagram						X				X			
NS	4097-1024	Wiring Diagram			X		X		X						
NS	4097-260	Wiring Diagram	X			X							X		
NS	4097-261	Wiring Diagram		X										X	

NS – Not Shown