

REPLACEMENT PARTS MANUAL

PACKAGE HEAT PUMP MODEL PH421, PH484, PH605

Manual 2110-252

Revision A

Date 1-17-90

Supersedes 9-28-89

* GENERAL NOTES *

*Revised and/or additional pages may be issued from time to time.
*A complete and current manual consists of pages dated as shown in the following index.

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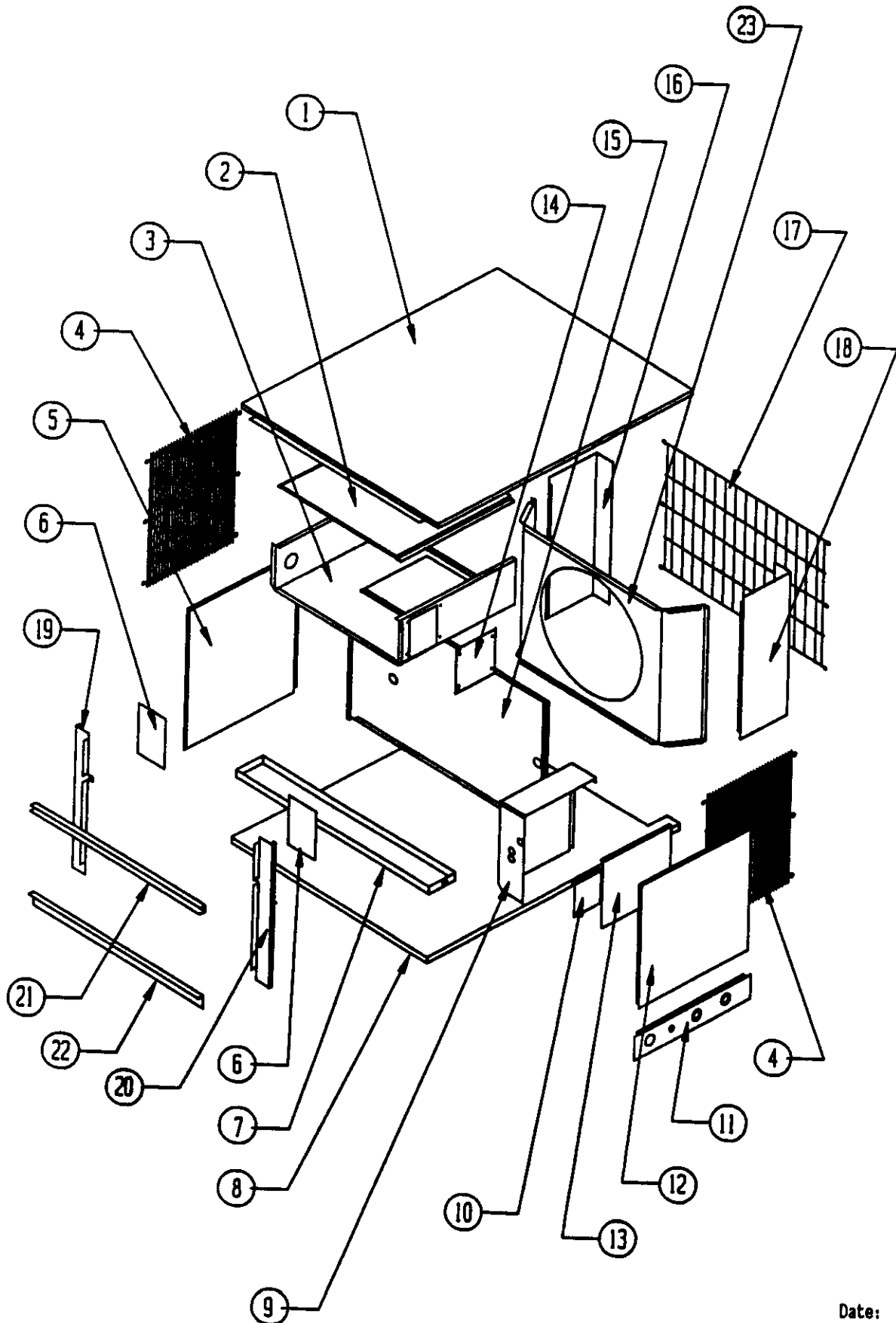
*** IMPORTANT ***

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

BARD MANUFACTURING COMPANY

BRYAN, OHIO 43506

CABINET COMPONENTS



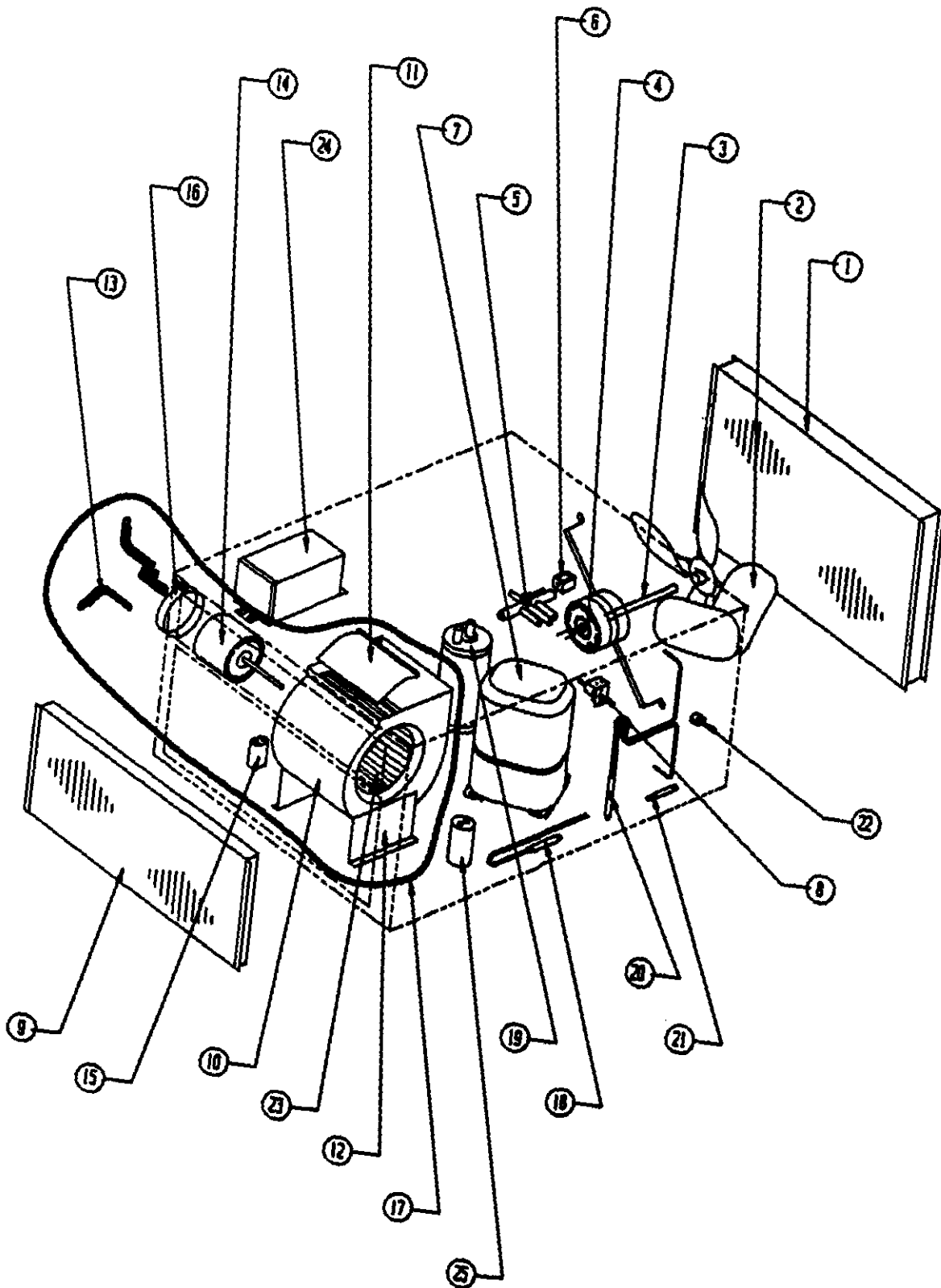
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Supersedes:

CABINET COMPONENTS

Item	Part No.	Description	U S A G E
1	506-012	Top	X
2	134-021	Heat Strip Shield	X
3	520-067	Blower Partition	X
4	7051-007	Side Grille	2
5	500-144	Left Side	X
6	136-011	Side Fills	2
7	123-048	Drain Pan	X
8	527-012	Base	X
9	Control Panel	See control panel drawing and parts list	X
10	142-016	Entrance Cover Plate	X
11	556-015	Entrance Panel	X
12	500-020	Right Side	X
13	132-035	Control Panel Cover	X
14	142-017	OKW Cover Plate	X
15	520-069	Compressor Partition	X
16	149-053	Left Rear Corner	X
17	7051-005	Condenser Grille	X
18	149-052	Right Rear Corner	X
19	549-050	Left Front Corner	X
20	549-016	Right Front Corner	X
21	164-502	Plenum Channel	X
22	104-525	Plenum Angle	X
23	124-010	Fan Shroud	X

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FUNCTIONAL COMPONENTS



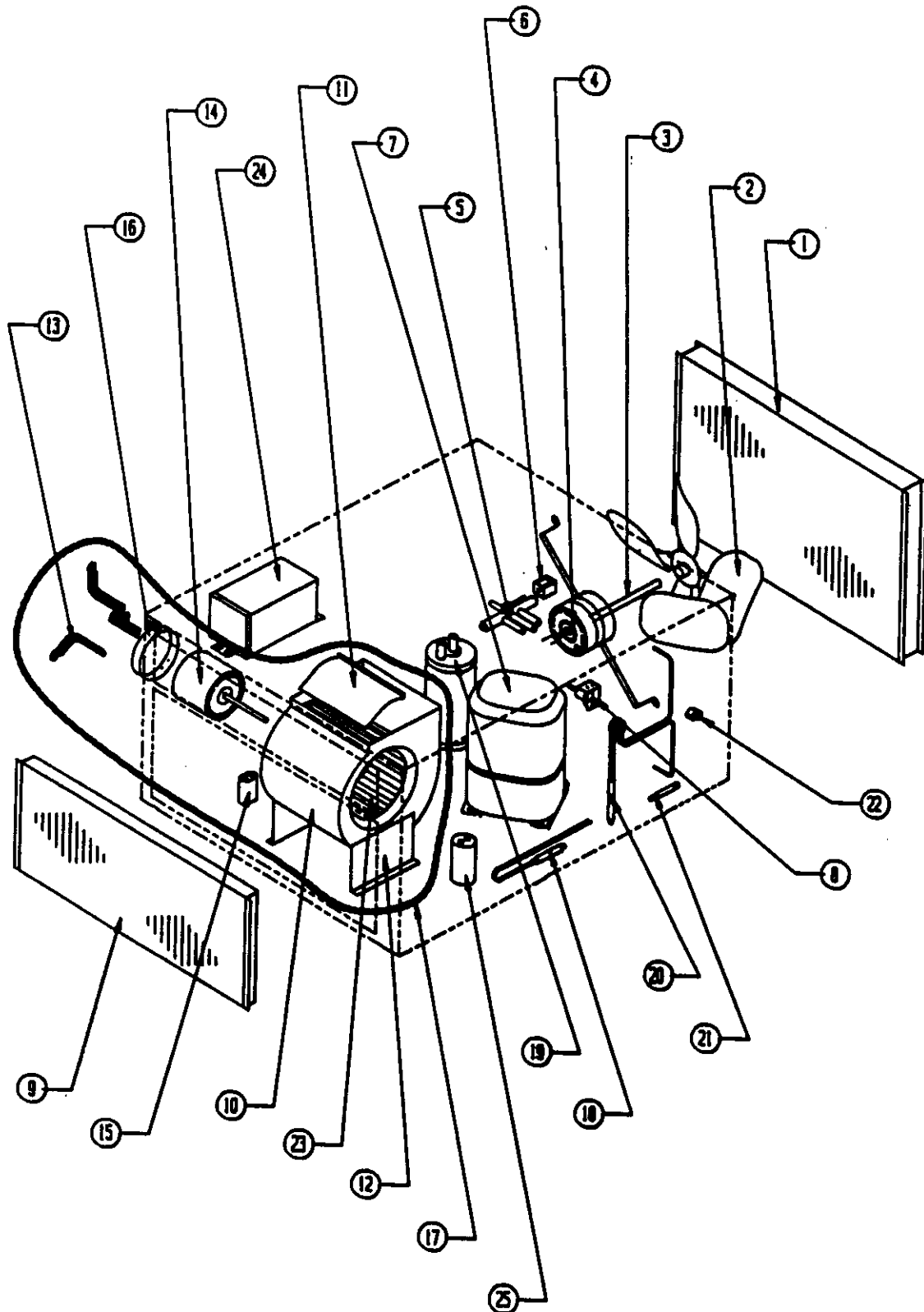
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FUNCTIONAL COMPONENTS

Dwg. No.	Part No.	Description	P H 4 2 1	P H 4 2 1 B	P H 4 2 1 C	P H 4 8 4	P H 4 8 4 B	P H 4 8 4 C	P H 4 8 4 E	P H 4 8 4 F	P H 4 8 4 G	P H 6 0 5	P H 6 0 5 B	P H 6 0 5 C	P H 6 0 5 E	P H 6 0 5 F	P H 6 0 5 G
1	5051-029	Condenser Coil	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	5151-029	Fan Blade	X	X	X	X	X	X									
2	5151-030	Fan Blade										X	X	X			
2	5151-026	Fan Blade							X	X	X				X	X	X
3	8200-004	Motor Mount	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	8105-035	Motor	X	X	X	X	X	X									
4	8106-016	Motor										X	X	X			
4	8105-014	Motor							X	X	X				X	X	X
5	5650-006	Reversing Valve	X	X	X	X	X	X	X	X	X						
5	5650-010	Reversing Valve										X	X	X	X	X	X
6	5650-008	Reversing Valve Solenoid	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	8000-063	Compressor	X														
7	8000-064	Compressor		X													
7	8000-065	Compressor			X												
7	8000-081	Compressor				X					X						
7	8000-082	Compressor					X		X								
7	8000-083	Compressor						X		X							
7	8000-074	Compressor										X					
7	8000-075	Compressor											X				
7	8000-049	Compressor												X			
7	8000-078	Compressor													X		
7	8000-079	Compressor														X	
7	8000-077	Compressor															X
8	8406-010	High Pressure Switch	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	5060-025	Evaporator Coil	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	151-082	Blower Housing	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	144-129	Blower Diffuser	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	104-795	Blower Leg	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	8200-034	Motor Mount Arm	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	8106-015	Motor	X	X	X	X	X	X				X	X	X			
14	8108-002	Motor							X	X	X				X	X	X
15	8552-005	Capacitor 10/370	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	8200-033	Motor Mount Band	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	900-137	Complete Blower Assembly	X	X	X												
17	900-138	Complete Blower Assembly							X	X	X				X	X	X
17	900-139	Complete Blower Assembly				X	X	X				X	X	X			
18	800-0154	Cooling Capillary Tube Assembly	X	X	X												
18	800-0153	Cooling Capillary Tube Assembly				X	X	X	X	X	X						
18	800-0152	Cooling Capillary Tube Assembly										X	X	X	X	X	X

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FUNCTIONAL COMPONENTS (continued)



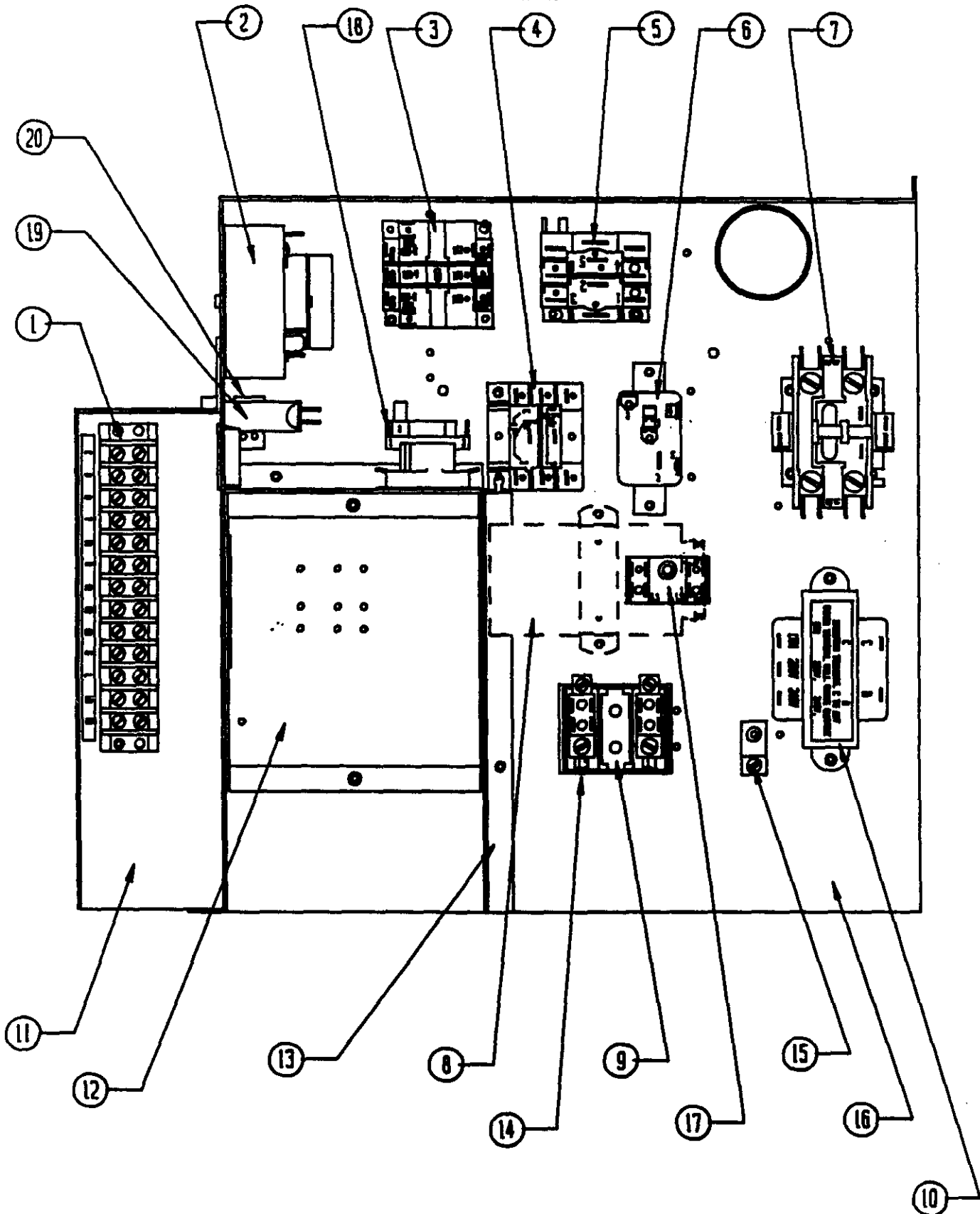
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FUNCTIONAL COMPONENTS (continued)

Dwg. No.	Part No.	Description	P H 4 2 1	P H 4 2 1 B	P H 4 2 1 C	P H 4 8 4	P H 4 8 4 B	P H 4 8 4 C	P H 4 8 4 E	P H 4 8 4 F	P H 4 8 4 G	P H 6 0 5	P H 6 0 5 B	P H 6 0 5 C	P H 6 0 5 E	P H 6 0 5 F	P H 6 0 5 G
19	5202-011	Accumulator	X	X	X	X	X	X	X	X	X						
19	5202-017	Accumulator										X	X	X	X	X	X
20	800-0064	Heating Capillary Tube Assembly	X	X	X												
20	800-0067	Heating Capillary Tube Assembly				X	X	X	X	X	X						
20	800-0069	Heating Capillary Tube Assembly										X	X	X	X	X	X
21	5651-036	Check Valve	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	8408-016	Defrost Thermostat	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	5152-045	Blower Wheel	X	X	X												
23	5152-015	Blower Wheel				X	X	X	X	X	X	X	X	X	X	X	X
24	8407-004	Transformer 460 volt			X			X							X		
25	8552-030	Capacitor 40/440	X			X					X						X
25	8552-043	Capacitor 45/370										2					
25	8552-005	Capacitor 10/370			X			X									
25	8552-004	Capacitor 7-1/2 /370												X			
25	8552-034	Capacitor 15/440															X

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CONTROL PANEL



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CONTROL PANEL

Dwg. No.	Part No.	Description	P H 4 2 1	P H 4 2 1 B	P H 4 2 1 C	P H 4 8 4	P H 4 8 4 B	P H 4 8 4 C	P H 4 8 4 E	P H 4 8 4 F	P H 4 8 4 G	P H 6 0 5	P H 6 0 5 B	P H 6 0 5 C	P H 6 0 5 E	P H 6 0 5 F	P H 6 0 5 G
1	8607-010	Terminal Strip	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	8612-012	Timer	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	8201-047	Defrost Relay	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	8201-013	Emergency Heat Relay	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	8201-024	Compressor Fault Relay	X			X						X					
5	8201-008	Blower Relay			X			X						X			
6	8201-008	Blower Relay	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	8401-007	Contactor	X														
7	8401-002	Contactor		X	X		X	X	X	X				X	X		
7	8401-011	Contactor											X			X	
7	8401-003	Contactor				X					X						
7	8401-016	Contactor										X					X
8	8552-005	Capacitor 10/370	X	X		X	X		X	X	X						X
8	8552-004	Capacitor 7-1/2 /370										X	X		X	X	
9	8607-013	Terminal Block	X			X				2	X	X				2	X
9	8607-014	Terminal Block		X	X		X	X	X				X	X	X		
10	8407-035	Transformer	X	X	X	X	X	X	X	X	X		X	X	X	X	X
10	8407-036	Transformer										X					
11	116Y072	Low Voltage Box	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	134-095	Terminal Block Shield	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	116Y076	Control Panel Partition	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	8607-015	Phenolic Insulator			X			X						X			
14	134-051	Terminal Block Barrier								X						X	
15	8611-006	Ground Terminal	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	516-079	Control Panel	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	8607-017	Terminal Block			X			X						X			
18	8201-045	Time Delay Relay										X					
19	8614-036	Circuit Breaker										X					
20	3000-902	Wire Assembly	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	4066-111	Wiring Diagram	X			X											
	4066-210	Wiring Diagram		X			X						X				
	4066-310	Wiring Diagram			X			X						X			
	4066-510	Wiring Diagram						X							X		
	4066-610	Wiring Diagram							X								
	4066-112	Wiring Diagram										X				X	
	4066-110	Wiring Diagram															
	4066-410	Wiring Diagram									X						X

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