

REPLACEMENT PARTS MANUAL

PACKAGE
HEAT PUMP
MODEL PH251, PH314, PH365

Manual 2110-251

Revision B

Date 8-15-90

Supersedes 4-01-90

* 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.

** INDEX **

<u>Page Description</u>	<u>Page</u>	<u>Date</u>	<u>Supersedes</u>
Cabinet Components--Exploded View	1	9-12-89	
" " --Usage List	2	9-12-89	
Functional Components--Exploded View	3	9-12-89	
" " --Usage List	4	8-15-90	4-01-90
Functional Components--Exploded View	5	9-12-89	
" " --Usage List	6	4-01-90	9-12-89
Control Panel--Layout	7	4-01-90	9-12-89
" " --Usage List	8	4-01-90	9-12-89

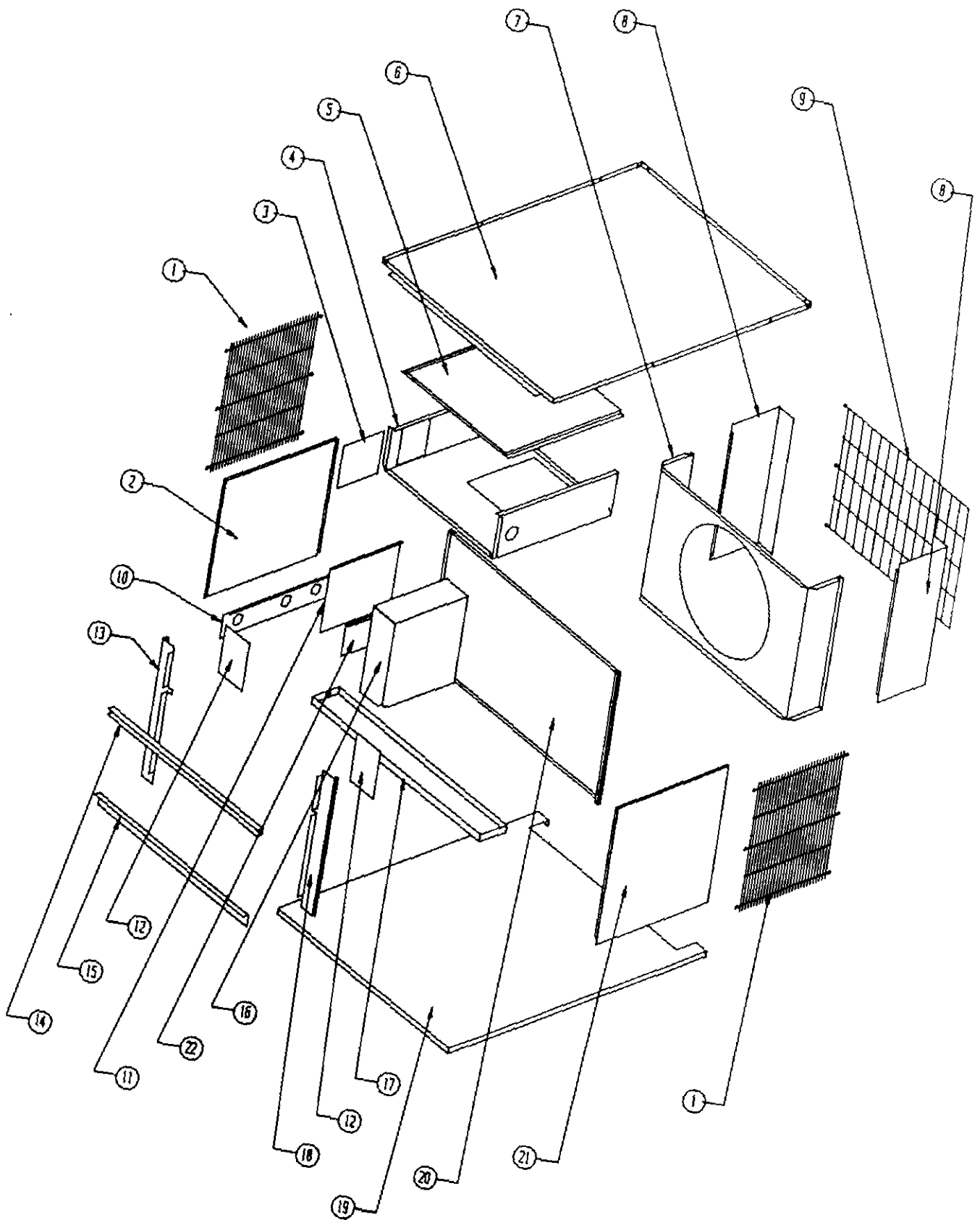
*** IMPORTANT ***

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



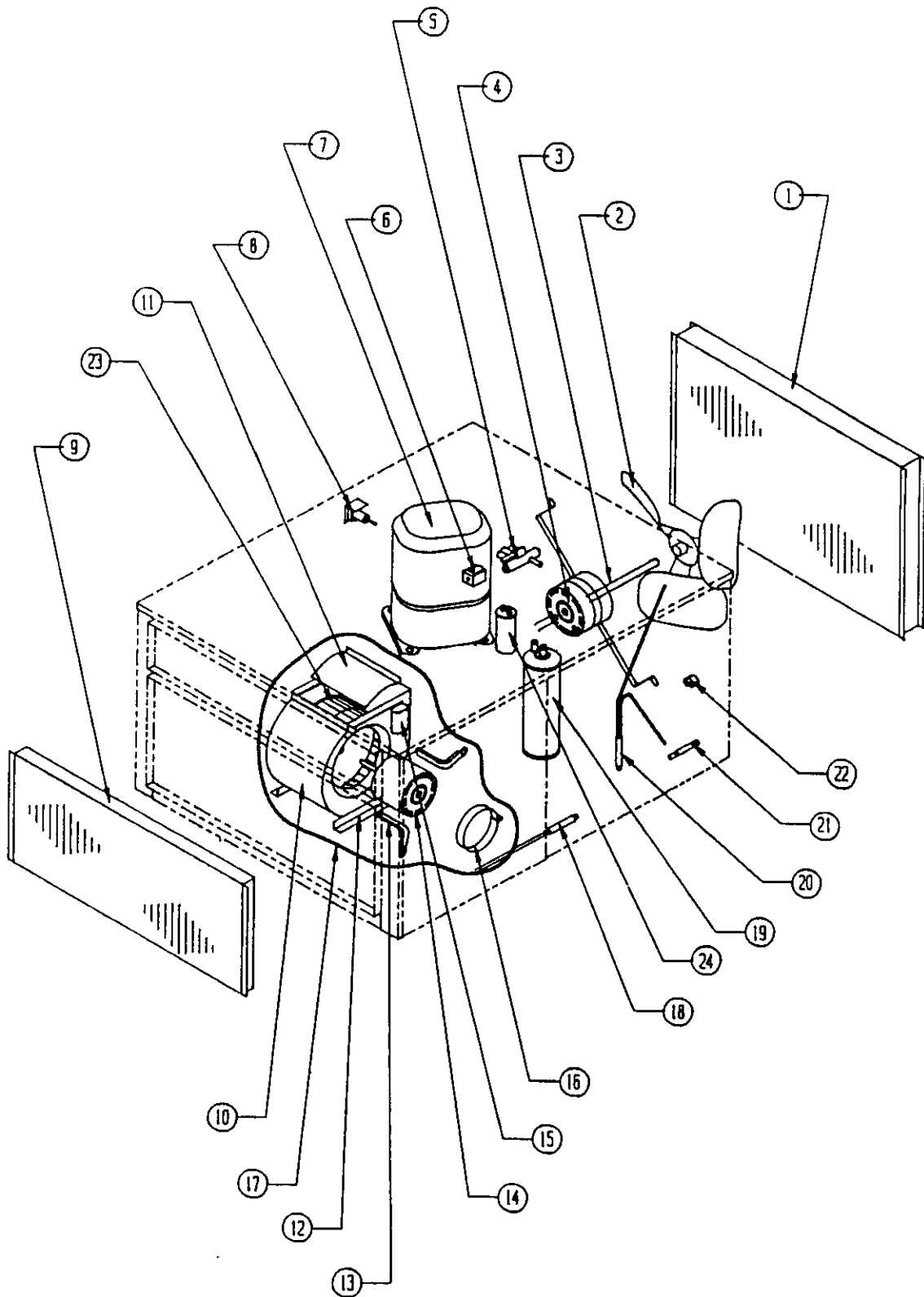
Date: 9-12-89
Supersedes:

CABINET COMPONENTS

Item	Part No.	Description	U S A G E
1	7051-015	Inlet Grille	2
2	500-133	Left Side	x
3	142-017	Cover Plate--OKW	x
4	520-092	Blower Partition (PH25 only)	x
4	520-066	Blower Partition (all models except PH25)	x
5	134-017	Heat Strip Shield	x
6	506-011	Top	x
7	124-012	Fan Shroud (PH25 only)	x
7	124-002	Fan Shroud (all models except PH25)	x
8	149-043	Rear Corner	2
9	7051-001	Condenser Grille	x
10	556-018	Entrance Panel	x
11	132-035	Control Panel Cover	x
12	136-086	Blower Fill Plates	2
13	549Y044	Left Front Cover	x
14	164-501	Plenum Channel	x
15	104-521	Plenum Angle	x
16	Cntrl Pnl Assembly	See Control Panel Drawing and Parts List	x x
17	123-043	Drain Pan	x
18	549X044	Right Front Corner	x
19	527-011	Base	x
20	520-070	Compressor Partition	x
21	500-132	Right Side	x
22	142-016	Entrance Cover	x

Date: 9-12-89
Supersedes:

FUNCTIONAL COMPONENTS



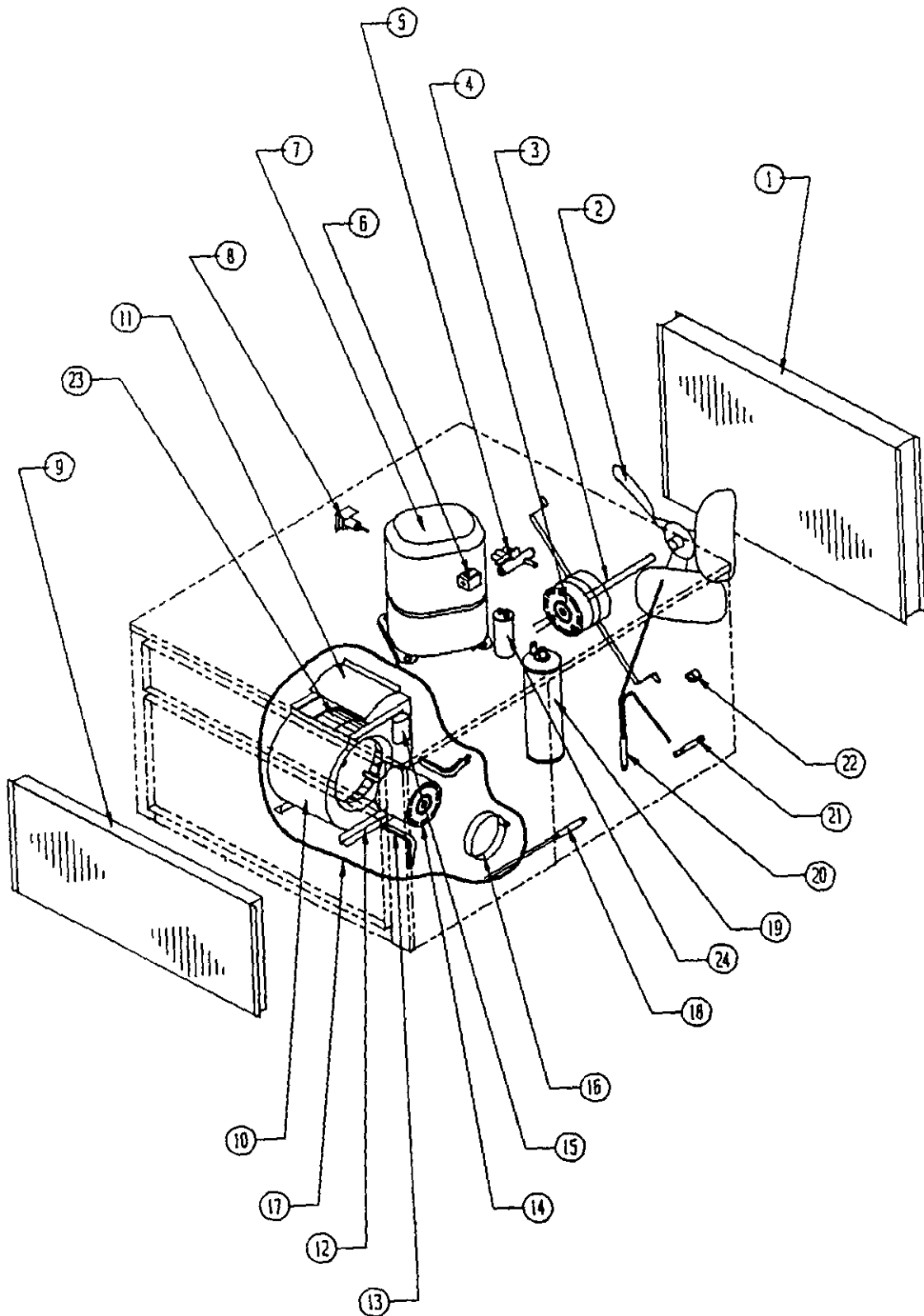
Date: 9-12-89
Supersedes:

FUNCTIONAL COMPONENTS

Dwg. No.	Part No.	Description	P H 2 5 1	P H 2 5 1 D	P H 3 1 4	P H 3 1 4 D	P H 3 6 5	P H 3 6 5 B	P H 3 6 5 C	P H 3 6 5 E	P H 3 6 5 F	P H 3 6 5 G
1	5051-042	Condenser Coil	X	X	X	X						
1	5051-053	Condenser Coil					X	X	X	X	X	X
2	5151-034	Fan Blade	X									
2	5151-004	Fan Blade		X	X	X	X	X	X	X	X	X
3	8200-001	Motor Mount	X	X	X	X	X	X	X	X	X	X
4	8103-016	Motor	X									
4	8103-019	Motor		X	X	X	X			X	X	X
4	8103-014	Motor						X				
5	5650-005	Reversing Valve	X	X	X	X						
5	5650-013	Reversing Valve					X	X	X	X	X	X
6	5650-008	Reversing Valve Solenoid	X	X	X	X	X	X	X	X	X	X
7	8000-111	Compressor	X									
7	8000-112	Compressor		X								
7	8000-092	Compressor			X							
7	8000-038	Compressor				X						
7	8000-055	Compressor					X					
7	8000-056	Compressor						X				
7	8000-057	Compressor							X			
7	8000-059	Compressor								X		
7	8000-060	Compressor									X	
7	8000-074	Compressor										X
8	8406-010	High Pressure Switch	X	X	X	X	X	X	X	X	X	X
9	5060-037	Evaporator Coil	X	X								
9	5060-023	Evaporator Coil			X	X						
9	5060-052	Evaporator Coil					X	X	X	X	X	X
10	151-088	Blower Housing	X	X								
10	151-068	Blower Housing			X	X	X	X	X	X	X	X
11	144-156	Blower Diffuser	X	X								
11	144-126	Blower Diffuser			X	X	X	X	X	X	X	X
12	104-787	Blower Angle	X	X	X	X	X	X	X	X	X	X
13	8200-036	Motor Mount Arm	3	3								
13	8200-034	Motor Mount Arm			3	3	3	3	3	3	3	3
14	8105-032	Motor	X	X								
14	8105-024	Motor			X	X	X			X	X	X
14	8105-016	Motor						X				
15	8552-002	Capacitor 5/370	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
17	900-146	Complete Blower Assembly	X	X								
17	900-133	Complete Blower Assembly			X	X	X			X	X	X
17	900-135	Complete Blower Assembly						X				
18	800-0053	Cooling Capillary Tube Assembly	X	X								
18	800-0059	Cooling Capillary Tube Assembly			X	X						
18	800-0155	Cooling Capillary Tube Assembly					X	X	X	X	X	X

Date: 8-15-90
Supersedes: 4-01-90

FUNCTIONAL COMPONENTS (Continued)



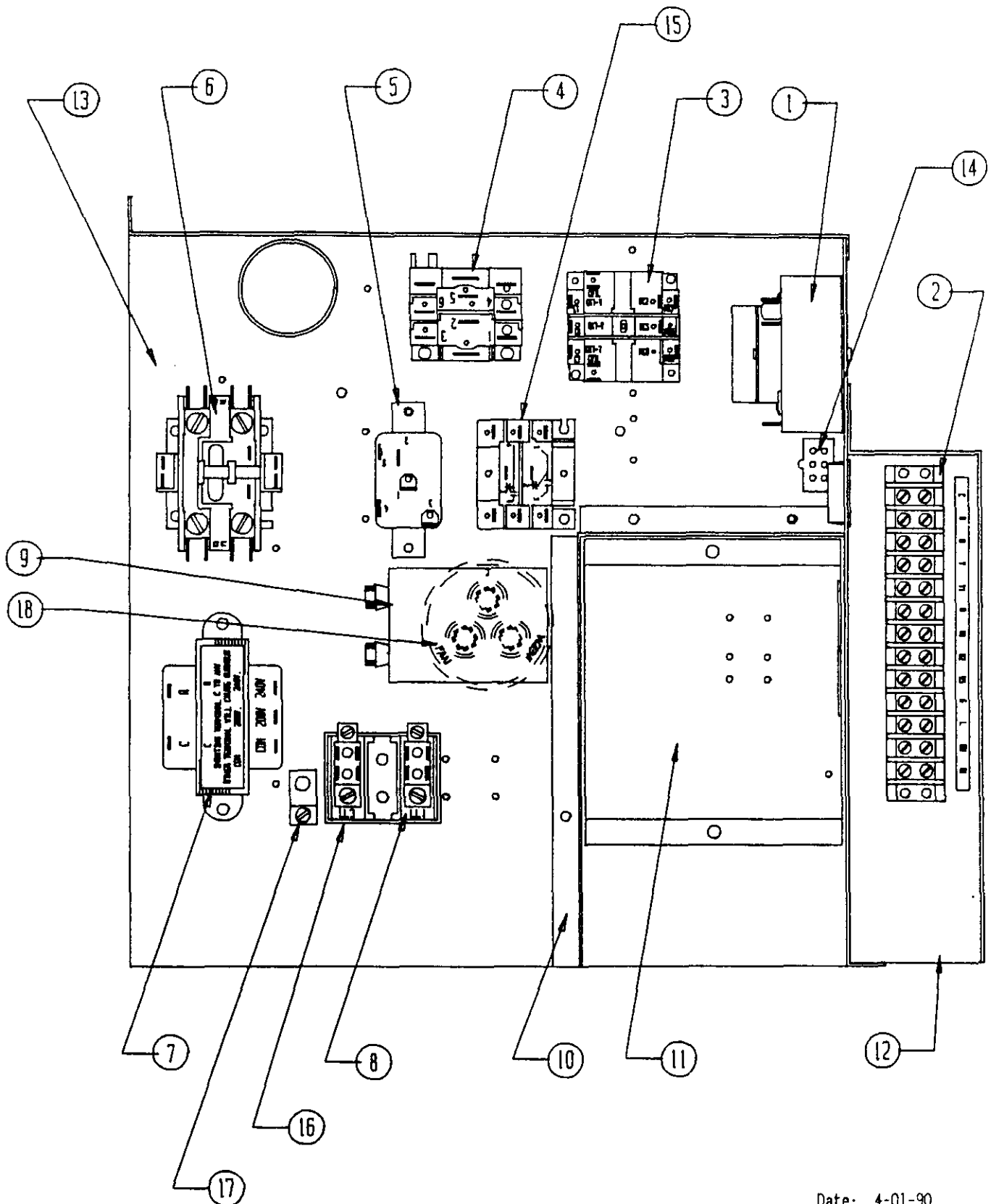
Date: 9-12-89
Supersedes:

FUNCTIONAL COMPONENTS (Continued)

Dwg. No.	Part No.	Description	P H 2 5 1	P H 2 5 1 D	P H 3 1 4	P H 3 1 4 D	P H 3 6 5	P H 3 6 5 B	P H 3 6 5 C	P H 3 6 5 E	P H 3 6 5 F	P H 3 6 5 G
19	5202-014	Accumulator	X	X								
19	5202-015	Accumulator			X	X	X	X	X	X	X	X
20	800-0054	Heating Capillary Tube Assembly	X	X								
20	800-0058	Heating Capillary Tube Assembly			X	X						
20	800-0156	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
22	8408-016	Defrost Thermostat	X	X	X	X	X	X	X	X	X	X
23	5152-065	Blower Wheel	X	X								
23	5152-013	Blower Wheel			X	X	X	X	X	X	X	X
24	8552-007	Capacitor 20/15 - 370				X						

Date: 4-01-90
Supersedes: 9-12-89

CONTROL PANEL



Date: 4-01-90
Supersedes: 9-12-89

CONTROL PANEL

Dwg. No.	Part No.	Description	P H 2 5 1	P H 2 5 1 D	P H 3 1 4	P H 3 1 4 D	P H 3 6 5	P H 3 6 5 B	P H 3 6 5 C	P H 3 6 5 E	P H 3 6 5 F	P H 3 6 5 G
1	8612-012	Timer	X	X	X	X	X	X	X	X	X	X
2	8607-010	Terminal Strip	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
4	8201-024	Compressor Fault Relay	X		X		X					
4	8201-032	Blower Relay						X				
5	8201-008	Blower Relay	X	X	X	X	X		X	X	X	X
5	8201-032	Blower Relay						X				
6	8401-007	Contactor	X	X	X	X						X
6	8401-002	Contactor					X	X	X	X		
7	8407-035	Transformer	X	X	X	X	X			X	X	X
7	8407-037	Transformer						X				
8	8607-013	Terminal Block	X	X	X	X					2	X
8	8607-014	Terminal Block					X	X	X			
9	8552-002	Capacitor 5/370				X		X	X	X	X	
10	116X076	Control Panel Partition	X	X	X	X	X	X	X	X	X	X
11	134-095	Terminal Block Shield	X	X	X	X	X	X	X	X	X	X
12	116X072	Low Voltage Box	X	X	X	X	X	X	X	X	X	X
13	516-071	Control Panel	X	X	X	X	X	X	X	X	X	X
14	3000-949	Wire Assembly	X	X								
14	3000-902	Wire Assembly			X	X	X	X	X	X	X	X
15	8201-013	Em. Heat Relay			X	X	X	X	X	X	X	X
16	8607-015	Phenolic Insulator						X				
16	134-051	Terminal Block Barrier									X	
17	8611-006	Ground Terminal	X	X	X	X	X	X	X	X	X	X
18	8552-048	Capacitor 35/5 - 370	X	X								
18	8552-050	Capacitor 40/5 - 370			X		X					
18	8552-053	Capacitor 45/5 - 370										X
	4065-117	Wiring Diagram	X									
	4065-118	Wiring Diagram			X		X					
	4065-210	Wiring Diagram						X				
	4065-310	Wiring Diagram							X			
	4065-413	Wiring Diagram		X								
	4065-414	Wiring Diagram										X
	4065-420	Wiring Diagram				X						
	4065-510	Wiring Diagram							X			
	4065-610	Wiring Diagram								X		

Date: 4-01-90
Supersedes: 9-12-89

