

REPLACEMENT PARTS MANUAL

PACKAGE HEAT PUMP

MODELS:
PH11421, PH1048, PH1048-B, PH1048-C,
PH1060, PH1060-B, PH1060-C

Manual 2110-257

Revision A

Date 12-20-93

Supersedes 9-01-93

* 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	9-01-93	
" " --Usage List	2	9-01-93	
Functional Components--Exploded View	3	9-01-93	
" " --Usage List	4	9-01-93	
Control Panel--Layout	5	9-01-93	
" " --Usage List	6	12-20-93	9-01-93

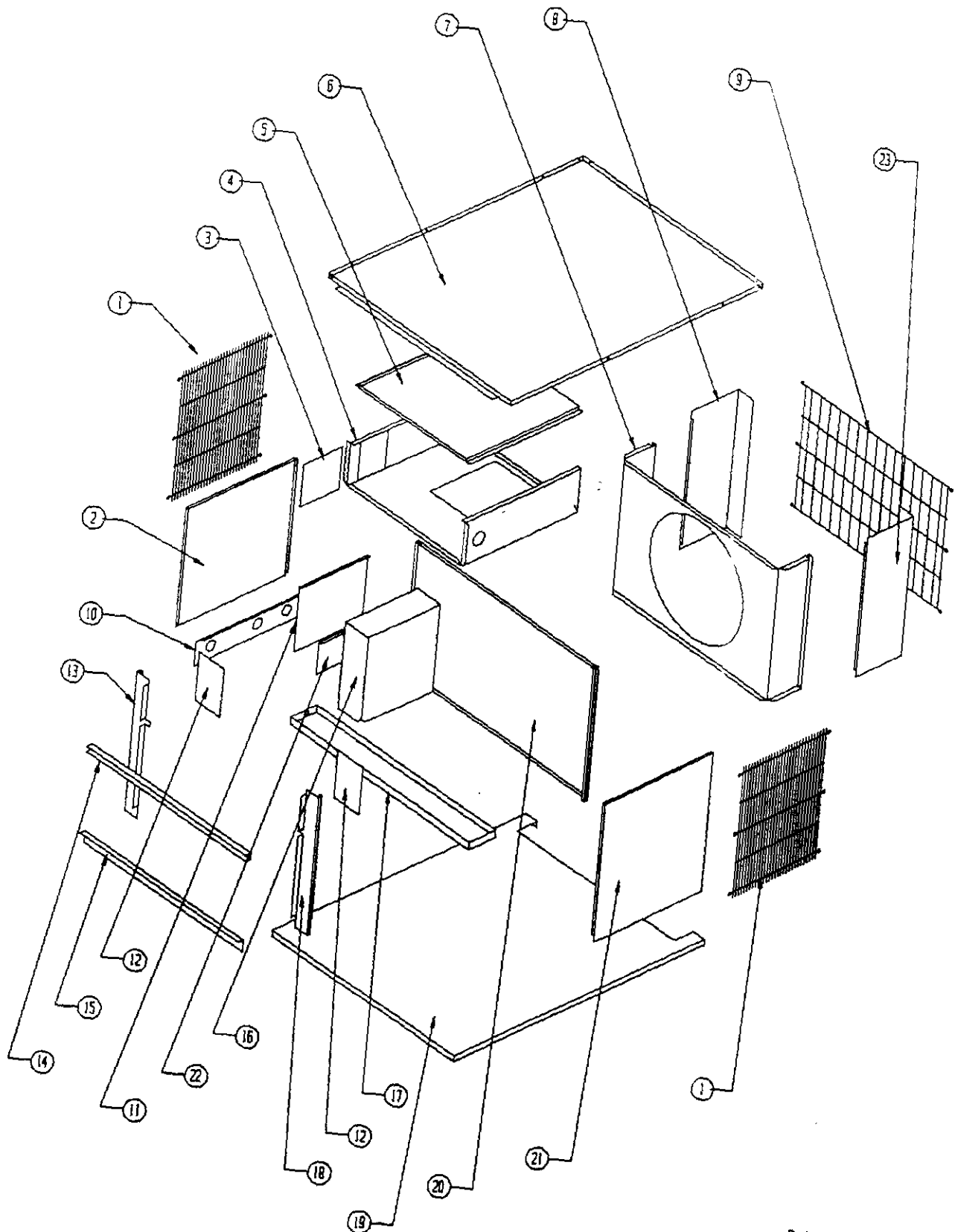
*** IMPORTANT ***

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



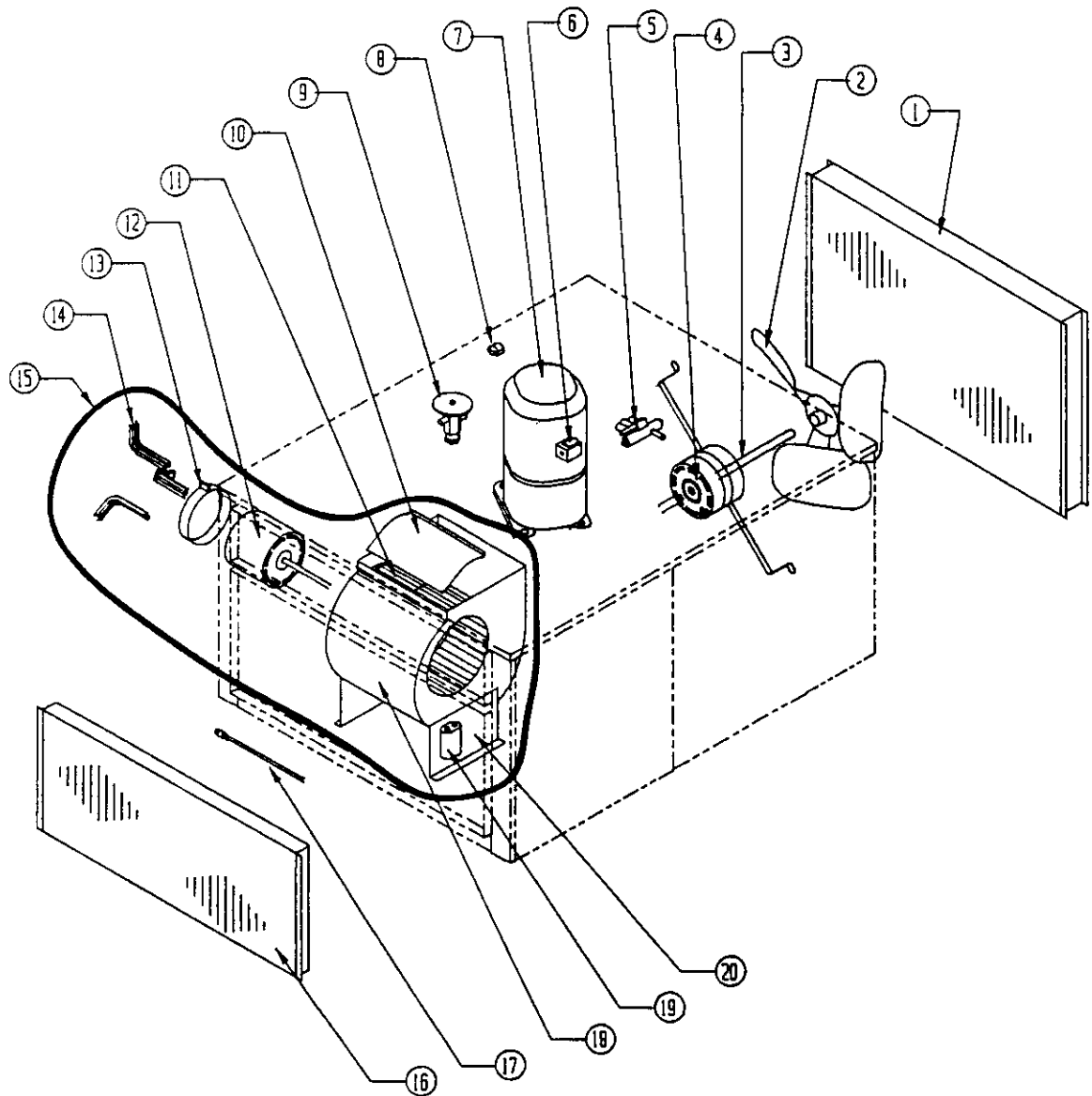
Date: 9-01-93
Supersedes:

CABINET COMPONENTS

Item	Part No.	Description	U S A G E
1	7051-007	Inlet Grille	2
2	500-272	Left Side	x
3	142-045	Cover Plate--OKW	x
4	520-240	Blower Partition	x
5	134-134	Heat Strip Shield	x
6	506-146	Top	x
7	125-024	Fan Shroud	x
8	148-079	Left Rear Corner	x
9	7051-005	Condenser Grille	x
10	556-026	Entrance Panel	x
11	132-035	Control Panel Cover	x
12	136-246	Blower Fill Plates	2
13	548-077	Left Front Corner	x
14	164-502	Plenum Channel	x
15	104-525	Plenum Angle	x
16	Cntrl Pnl Assembly	See Control Panel Drawing and Parts List	x
17	122-084	Drain Pan	x
18	548-076	Right Front Corner	x
19	527-221	Base	x
20	520-239	Compressor Partition	x
21	500-271	Right Side	x
22	142-044	Entrance Cover	x
23	148-078	Right Rear Corner	x

Date: 9-01-93
Supersedes:

FUNCTIONAL COMPONENTS



Date: 9-01-93
Supersedes:

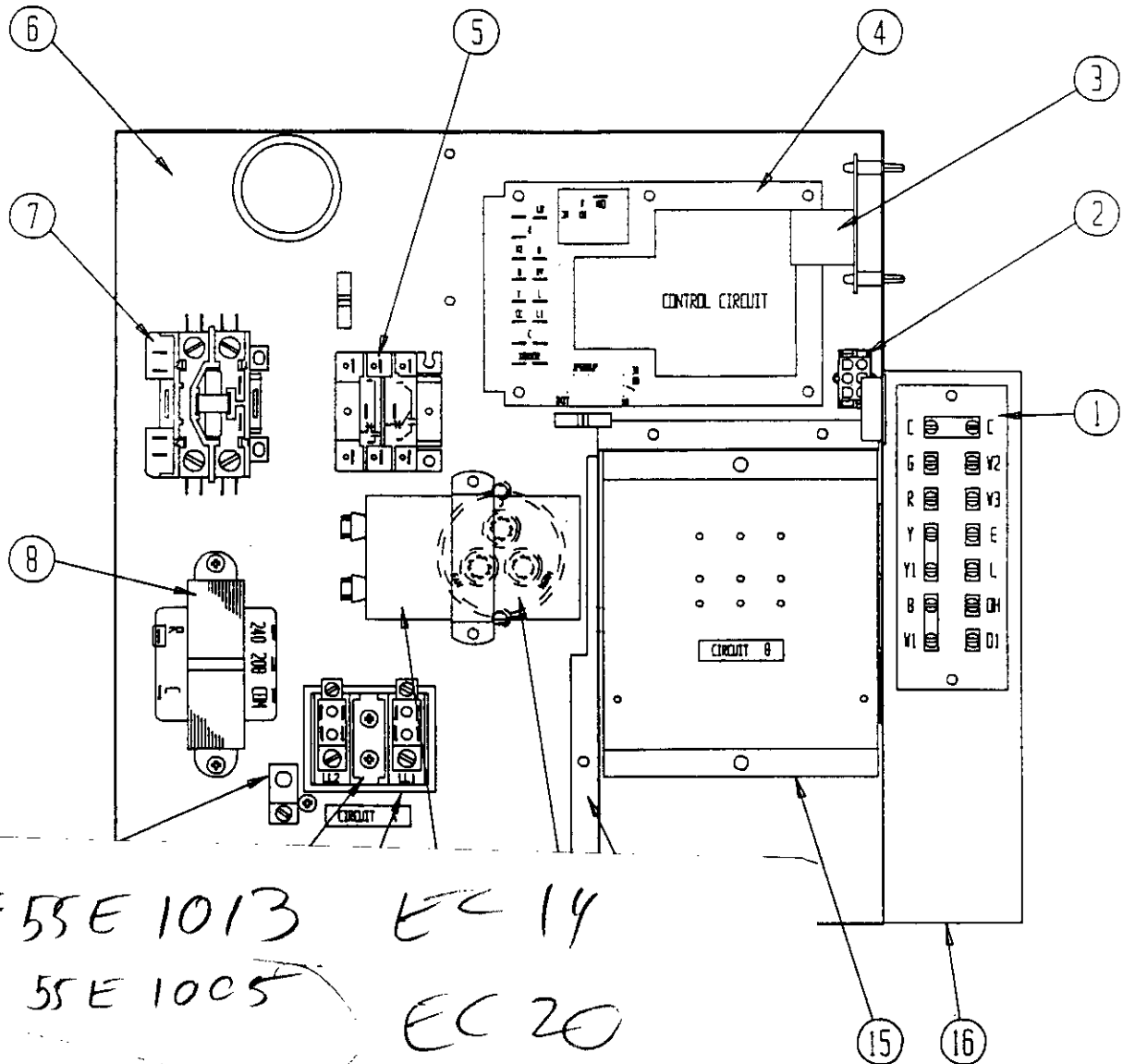
FUNCTIONAL COMPONENTS

Dwg. No.	Part No.	Description	P H 1 0 4 8	P H 1 0 4 8 - B	P H 1 0 4 8 - C	P H 1 0 6 0	P H 1 0 6 0 - B	P H 1 0 6 0 - C	P H 1 1 4 2 1
1	5051-075	Condenser Coil	X	X	X				X
1	5051-077	Condenser Coil				X	X	X	
2	5151-027	Fan Blade	X	X	X	X	X	X	X
3	8200-004	Motor Mount	X	X	X	X	X	X	X
4	8105-039	Motor	X	X		X	X		X
4	8105-030	Motor			X			X	
5	5650-024	Reversing Valve	X	X	X				
5	5650-025	Reversing Valve				X	X	X	X
6	5650-022	Solenoid Coil	X	X	X	X	X	X	X
7	8000-149	Compressor	X						
7	8000-156	Compressor		X					
7	8000-157	Compressor			X				
7	8000-153	Compressor				X			
7	8000-154	Compressor					X		
7	8000-155	Compressor						X	
7	8000-109	Compressor							X
8	8408-027	Defrost Sensor	X	X	X	X	X	X	X
9	5651-102	Expansion Valve	X	X	X				X
9	5651-103	Expansion Valve				X	X	X	
10	144-130	Diffuser	X	X	X	X	X	X	X
11	5152-049	Blower Wheel	X	X	X	X	X	X	
11	5152-071	Blower Wheel							X
12	8106-031	Motor	X	X		X	X		X
12	8106-032	Motor			X			X	
13	8200-033	Motor Mount Band	X	X	X	X	X	X	X
14	8200-034	Motor Mount Arms	3	3	3	3	3	3	3
15	900-190	Complete Blower Assembly	X	X		X	X		
15	900-191	Complete Blower Assembly							X
15	900-192	Complete Blower Assembly			X			X	
16	5060-070	Evaporator Coil	X	X	X				X
16	5060-071	Evaporator Coil				X	X	X	
17	800-0214	Cooling Distributor	X	X	X				
17	800-0218	Cooling Distributor				X	X	X	
17	800-0223	Cooling Distributor							X
18	151-097	Blower Housing	X	X	X	X	X	X	X
19	8552-005	Capacitor 5-370	X	X	X	X	X	X	X
20	104-795	Blower Angles	X	X	X	X	X	X	X

Date: 9-01-93
Supersedes:

2110-257

CONTROL PANEL



Date: 9-01-93
Supersedes:

CONTROL PANEL

Dwg. No.	Part No.	Description	P H 1 0 4 8	P H 1 0 4 8 - B	P H 1 0 4 8 - C	P H 1 0 6 0	P H 1 0 6 0 - B	P H 1 0 6 0 - C	P H 1 0 4 2 1
1	8607-019	Terminal Strip	X	X	X	X	X	X	X
2	3000-1000	Wire Assembly	X	X	X	X	X	X	X
3	8201-056	Solid State Blower Control	X	X		X	X		X
3	8201-032	Blower Relay			X			X	
4	8201-069	Heat Pump Control	X	X	X	X	X	X	X
5	8201-013	Changeover Relay	X	X	X	X	X	X	X
6	516-147	Control Panel	X	X	X	X	X	X	X
7	8401-016	Contactor	X			X			
7	8401-002	Contactor		X	X		X	X	
7	8401-007	Contactor							X
8	8407-035	Transformer	X	X		X	X		X
8	8407-032	Transformer			X			X	
9	8611-006	Ground Terminal	X	X	X	X	X	X	X
10	8607-013	Terminal Block	X			X			X
10	8607-014	Terminal Block		X	X		X	X	
11	8607-015	Phenolic Insulator			X			X	
12	8552-005	Capacitor 10-370		X	X		X	X	
13	8552-059	Capacitor 60/10-370	X						
13	8552-058	Capacitor 80/10-370				X			
13	8552-057	Capacitor 35/10-440							X
14	116-149	Control Panel Partition	X	X	X	X	X	X	X
15	116-150	Terminal Block Support	X	X	X	X	X	X	X
16	116-148	Low Voltage Box	X	X	X	X	X	X	X
	4066-114	Wiring Diagram	X			X			
	4066-211	Wiring Diagram		X			X		
	4066-311	Wiring Diagram			X			X	
	4066-113	Wiring Diagram							X

Date: 12-20-93
Supersedes: 9-01-93

10/10/10

10/10/10

10/10/10

10/10/10