

REPLACEMENT PARTS MANUAL

WALL MOUNTED PACKAGE AIR CONDITIONER MODEL 24WA6

Manual 2110-402

Revision A

Date 1-25-90

Supersedes 7-11-89

* 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.

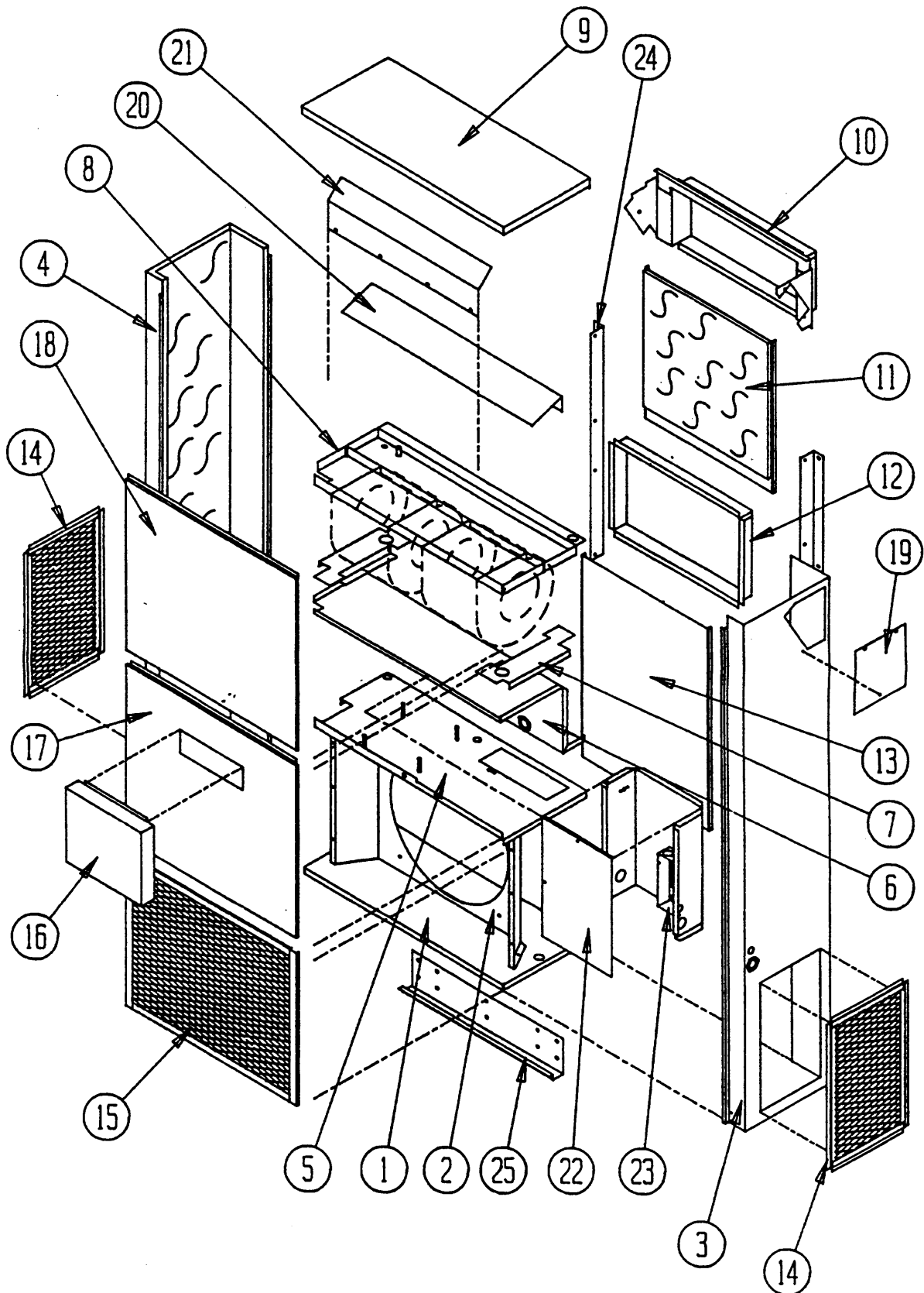
** INDEX **

<u>Page Description</u>	<u>Page</u>	<u>Date</u>	<u>Supersedes</u>
Cabinet Components-Exploded View	1	7-1 1-89	
" " --Usage List	2	1-25-90	7-1 1-89
Functional Components--Exploded View	3	7-11-89	
" " --Usage List	4	7-1 1-89	
Control Panel--Layout	5	7-1 1-89	
" " --Usage List	6	7-11-89	
Blower Assembly--Exploded View	7	7-1 1-89	
" " --Usage List	8	7-1 1-89	

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.

CABINET COMPONENTS



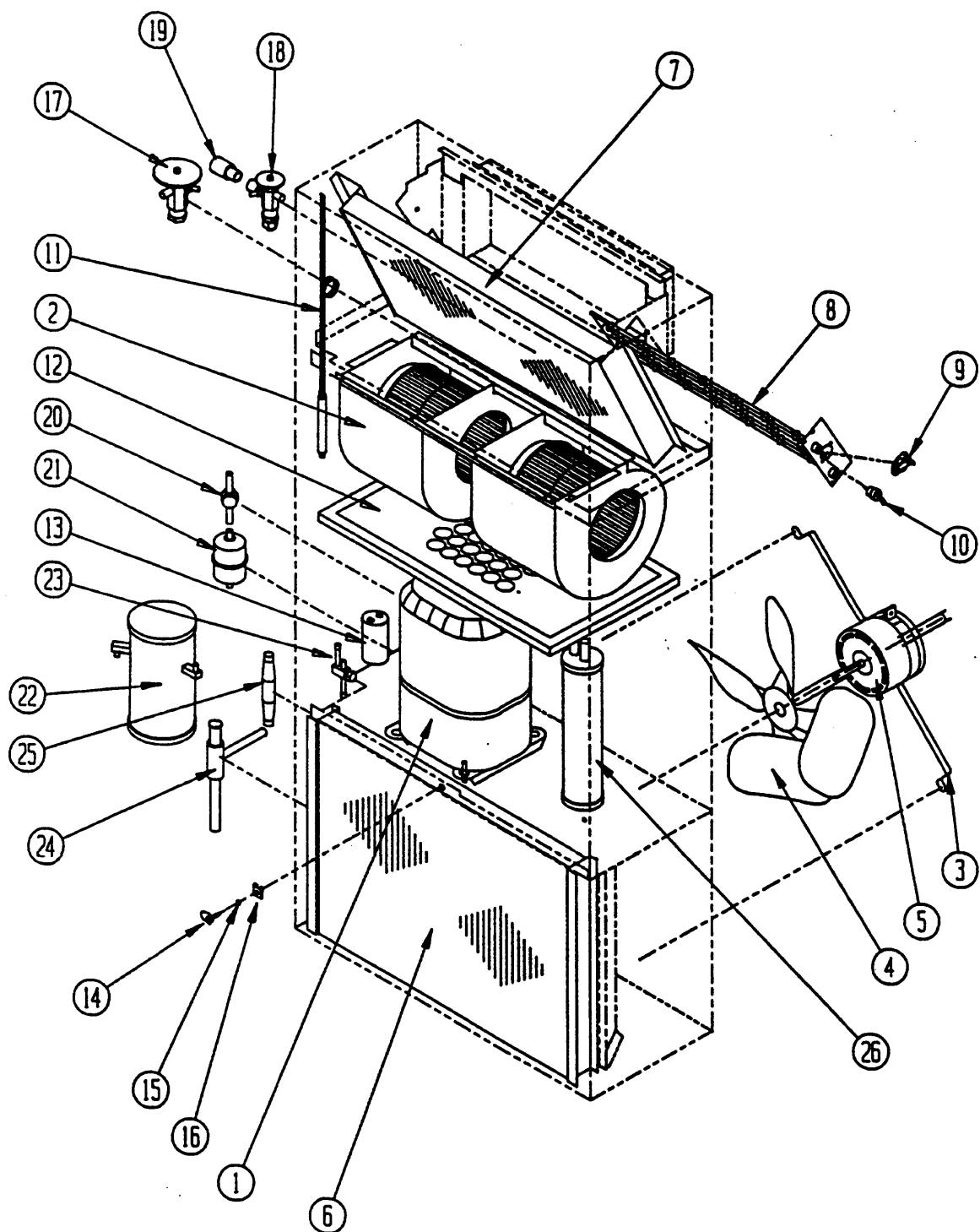
Date: 7-11-89
Supersedes:

CABINET COMPONENTS

Item No.	Part No.	Description	U S A G E
1	126-001	Lower Base	X
2	124-001	Fan Shroud	X
3	501-162	Right Side Assembly	X
4	501-163	Left Side Assembly	X
5	127-103	Compressor Base	X
6	520-096	Compressor Partition	X
7	130-001	Filter Support	X
8	121-089	Water Pan Assembly	X
9	506-094	Top	X
10	111-015	Supply Air Frame	X
11	508-054	Upper Back	X
12	111-016	Inlet Air Frame	X
13	108-055	Lower Back	X
14	119-002	Side Condenser Grille	X
15	119-001	Front Condenser Grille	X
16	962001	Fresh Air Damper	X
17	552-106	Service Door	X
18	514-045	Upper Front	X
19	542-001	Side Cover Plate	X
20	136-112	Evaporator Bottom Support Fill	X
21	134-004	Air Baffle	X
22	Control Panel Cvr	See Control Panel Assembly Drawing and Parts List	X
23	Control Panel Asy	See Control Panel Assembly Drawing and Parts List	X
24	112-002	Side Mounting Bracket	X
25	112-001	Bottom Support Bracket	X

Date: 1-25-90
Supersedes: 7-11-89

FUNCTIONAL COMPONENTS



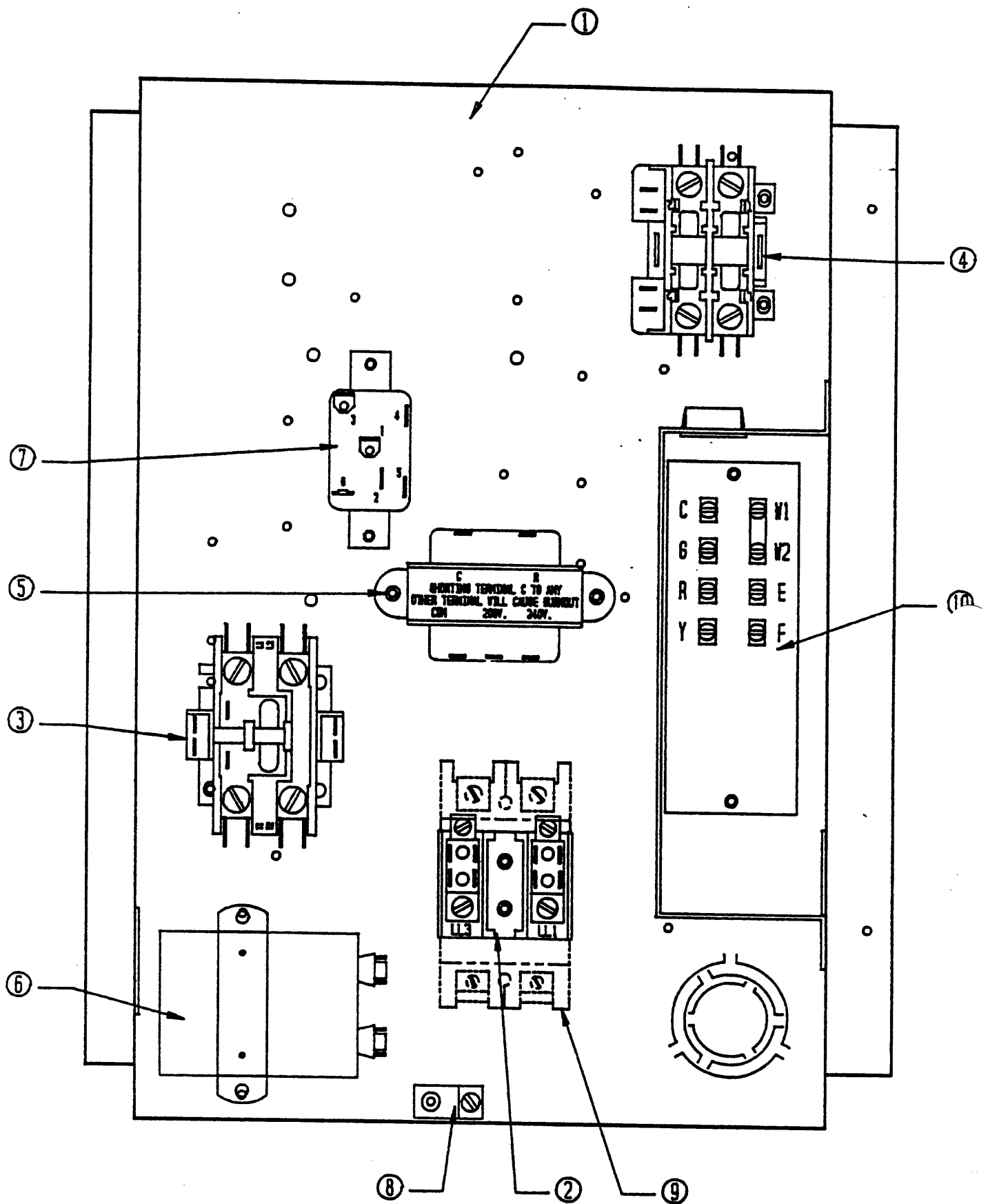
Date: 7-11-89
Supersedes:

FUNCTIONAL COMPONENTS

Dwg. No.	Part No.	Description	2 4 W A 6 A O O N	2 4 W A 6 A O 5 N	2 4 W A 6 A O 8 N	2 4 W A 6 A 1 O N	2 4 W A 6 A O O C	2 4 W A 6 A O 5 C	2 4 W A 6 A O 8 C	2 4 W A 6 A 1 O C	2 4 W A 6 A O O H	2 4 W A 6 A O 5 H	2 4 W A 6 A O 8 H	2 4 W A 6 A 1 O H	2 4 W A 6 B O 9 N	2 4 W A 6 D O O N	2 4 W A 6 D O 8 N	2 4 W A 6 D 1 O N
1	8000-076	Compressor														X	X	X
1	8000-097	Compressor													X			
1	8000-098	Compressor H23B203ABCA	X	X	X	X	X	X	X	X	X	X	X	X				
2	900-038	Blower Assembly (Complete)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	8200-023	Motor Mount--Fan	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	5151-033	Fan Blade F10H8.7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	8103-016	Motor--Fan 1/5 hp	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	5051-036	Condenser Coil	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	5060-048	Evaporator Coil	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	8604-048	Heat Strip 9KW													1			
8	8604-089	Heat Strip 5KW		1			1				1							
8	8604-090	Heat Strip 8KW			1			1				1					1	
8	8604-091	Heat Strip 10KW				1			1				1					1
9	8402-048	Limit Switch 160 Degrees		X	X	X		X	X	X		X	X	X	X		X	X
10	8402-030	Thermal Cutoff		1	2	2		1	2	2		1	2	2	2		2	2
11	800-0085	Capillary Tube Assembly (37-1/2 x .064)	X	X	X	X	X	X	X	X					X	X	X	X
12	7004-006	Filter 14x25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	8552-027	Capacitor 25/370V	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X
14	1171-019	1/4 Turn Fastener	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	1171-021	Retainer Clip	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	1171-020	Fastener Receptacle	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	5651-064	Hot Gas Bypass Valve									X	X	X	X				
18	5651-038	TXV Expansion Valve									X	X	X	X				
19	5651-018	Distributor									X	X	X	X				
20	5201-014	Sight Glass									X	X	X	X				
21	5201-001	Filter Drier									X	X	X	X				
22	5203-004	Receiver									X	X	X	X				
23	5651-051	Manual Shut Off Valve									X	X	X	X				
24	5651-015	Head Pressure Control Valve									X	X	X	X				
25	5651-016	Pressure Differential Valve									X	X	X	X				
26	5202-013	Accumulator									X	X	X	X				

Date: 7-11-89
Supersedes:

CONTROL PANEL



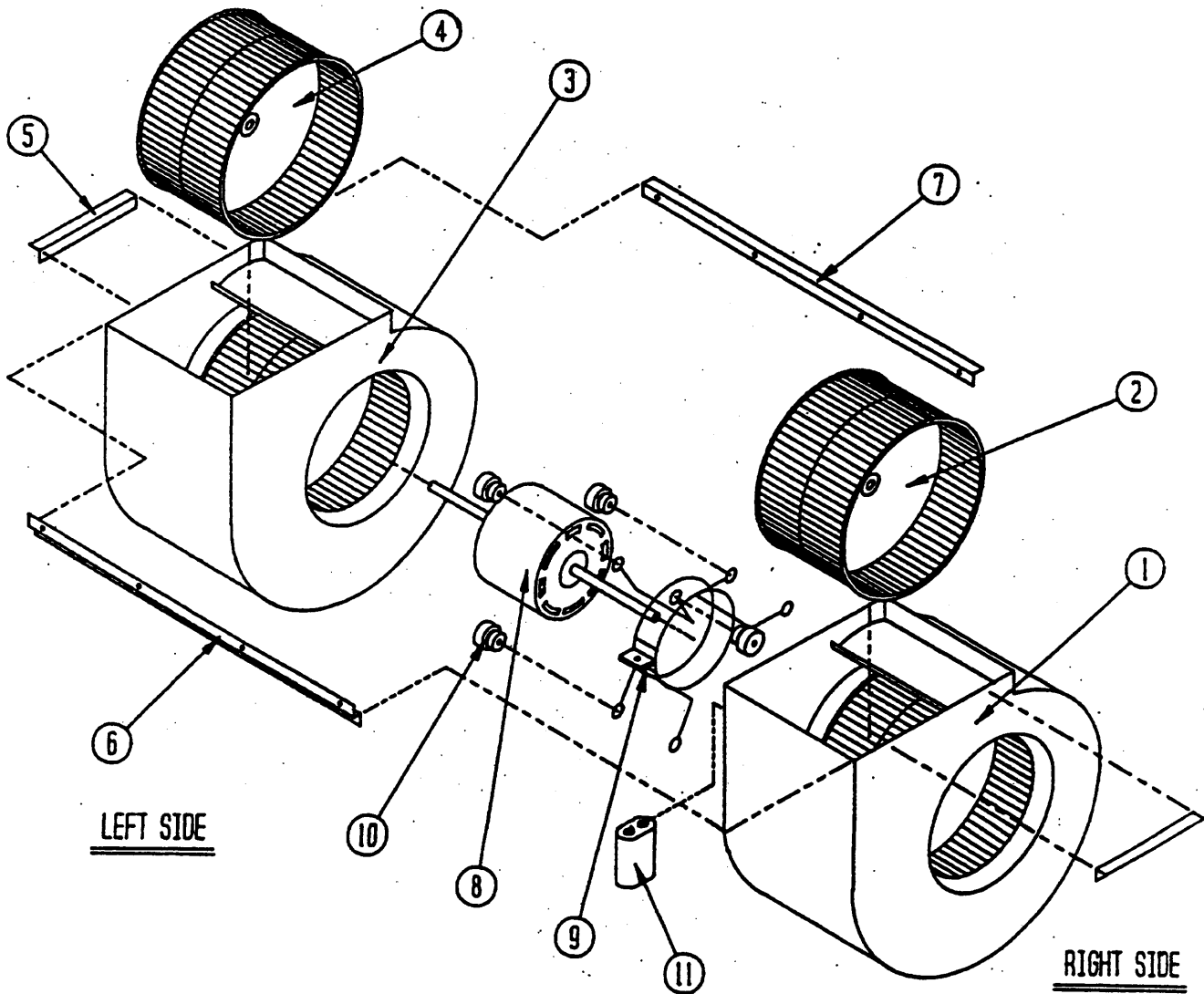
Date: 7-11-89
Supersedes:

CONTROL PANEL

Dwg. No.	Part No.	Description	24 W A 6 A O O N	24 W A 6 A O 5 N	24 W A 6 A O 8 N	24 W A 6 A O 1 0 N	24 W A 6 A O 0 C	24 W A 6 A O 5 C	24 W A 6 A O 8 C	24 W A 6 A O 1 0 C	24 W A 6 A O 0 H	24 W A 6 A O 5 H	24 W A 6 A O 8 H	24 W A 6 A O 1 0 H	24 W A 6 A O 9 N	24 W A 6 A O 0 N	24 W A 6 A O 8 N	24 W A 6 A O 1 0 N
	4007-110	Wiring Diagram	X								X							
	4007-120	Wiring Diagram		X								X						
	4007-130	Wiring Diagram			X	X							X	X				
	4007-111	Wiring Diagram					X											
	4007-121	Wiring Diagram						X										
	4007-131	Wiring Diagram							X	X								
	4007-220	Wiring Diagram													X			
	4007-410	Wiring Diagram														X		
	4007-430	Wiring Diagram															X	X
1	902-0249	Complete Control Panel Assembly	X								X					X		
1	902-0252	Complete Control Panel Assembly		X								X						
1	902-0256	Complete Control Panel Assembly			X	X							X	X			X	X
1	902-0251	Complete Control Panel Assembly					X											
1	902-0440	Complete Control Panel Assembly						X							X			
1	902-0254	Complete Control Panel Assembly						X										
1	902-0257	Complete Control Panel Assembly							X									
1	902-0258	Complete Control Panel Assembly								X								
2	8607-013	Terminal Block 230V		X	X	X						X	X	X			X	X
2	8607-014	Terminal Block													X			
3	8401-002	Contactor--Comp													X			
3	8401-007	Contactor--Comp. 25A	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X
4	8401-006	Contactor--Heater 2P18		1	1	1		1	1	1		1	1	1	1		1	1
5	8407-034	Transformer 40VA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	8552-002	Capacitor 5/370V	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	8201-009	Relay--Blower	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	8611-006	Ground Lug	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	8615-012	Circuit Breaker					X											
9	8615-013	Circuit Breaker						X										
9	8615-016	Circuit Breaker							X									
9	8615-010	Circuit Breaker							X									
10	8607-018	Terminal Board 24V	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	132-001	Control Panel Cover	X	X	X	X					X	X	X	X	X	X	X	X
	132-068	Control Panel Cover					X	X	X	X								

Date: 7-11-89
Supersedes:

BLOWER ASSEMBLY



Date: 7-11-89
Supersedes:

BLOWER ASSEMBLY

Dwg. No.	Part No.	Description	900-038
1	5152-051	Blower Housing And Wheel Assenbly	X
2	5152-028	Blower Wheel	X
3	5152-052	Blower Housing And Wheel Assenbly	X
4	5152-029	Blower Wheel	X
5	104-001	Anqle	X
6	102-300	Offset	X
7	104-505	Anqle Back Brace	X
8	8102-009	Blower Motor	X
9	8200-031	Blower Motor Mount	X
10	5451-011	Grommet	X
11	8552-004	Capacitor 7.5/370V	X

Date: 7-11-89
Supersedes: