

REPLACEMENT PARTS MANUAL

WALL MOUNTED PACKAGE AIR CONDITIONER MODEL 24WA6

Manual 2110-402

Revision B

Date 8-23-90

Supersedes 1-25-90

* 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.

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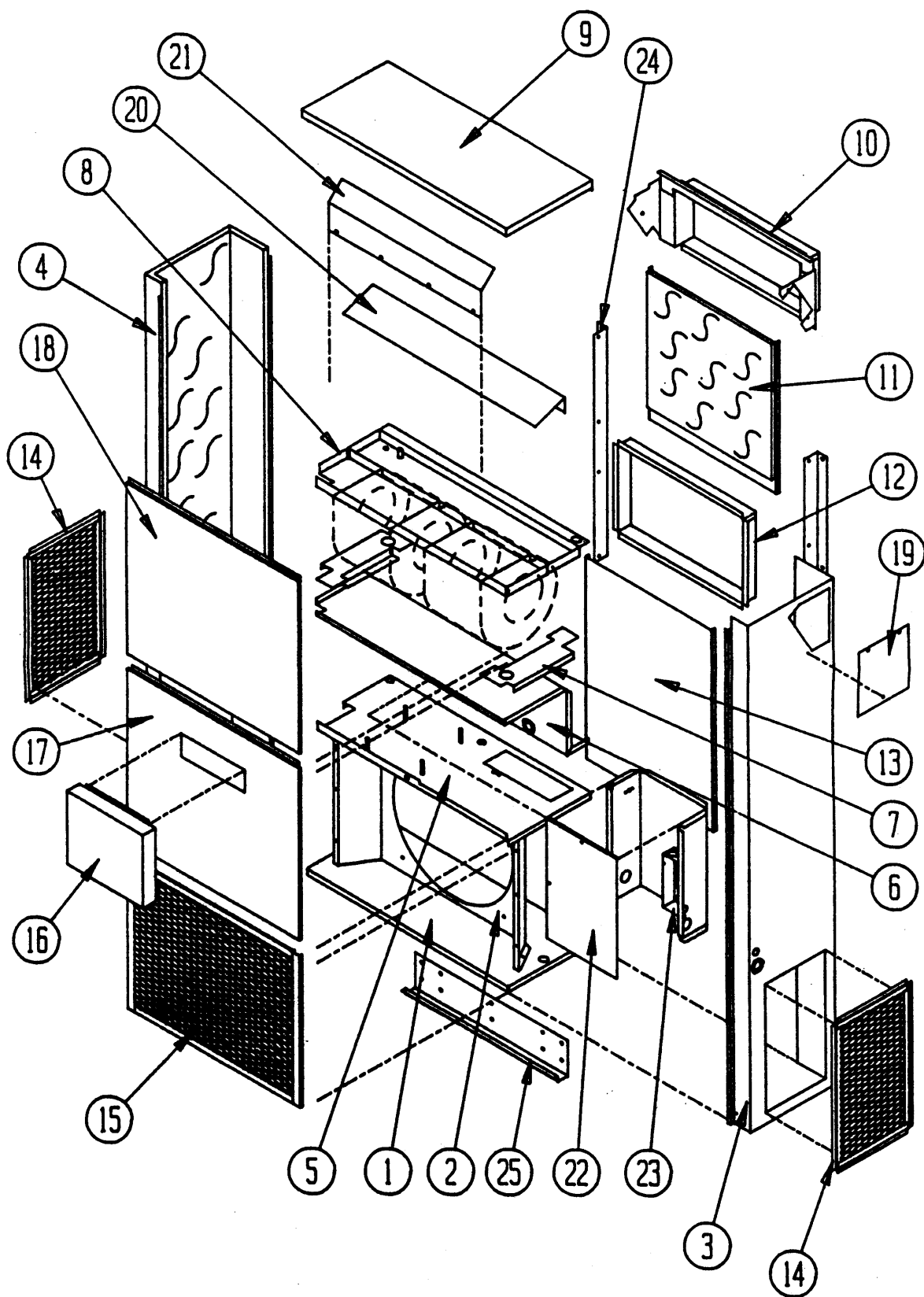
*** IMPORTANT ***

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



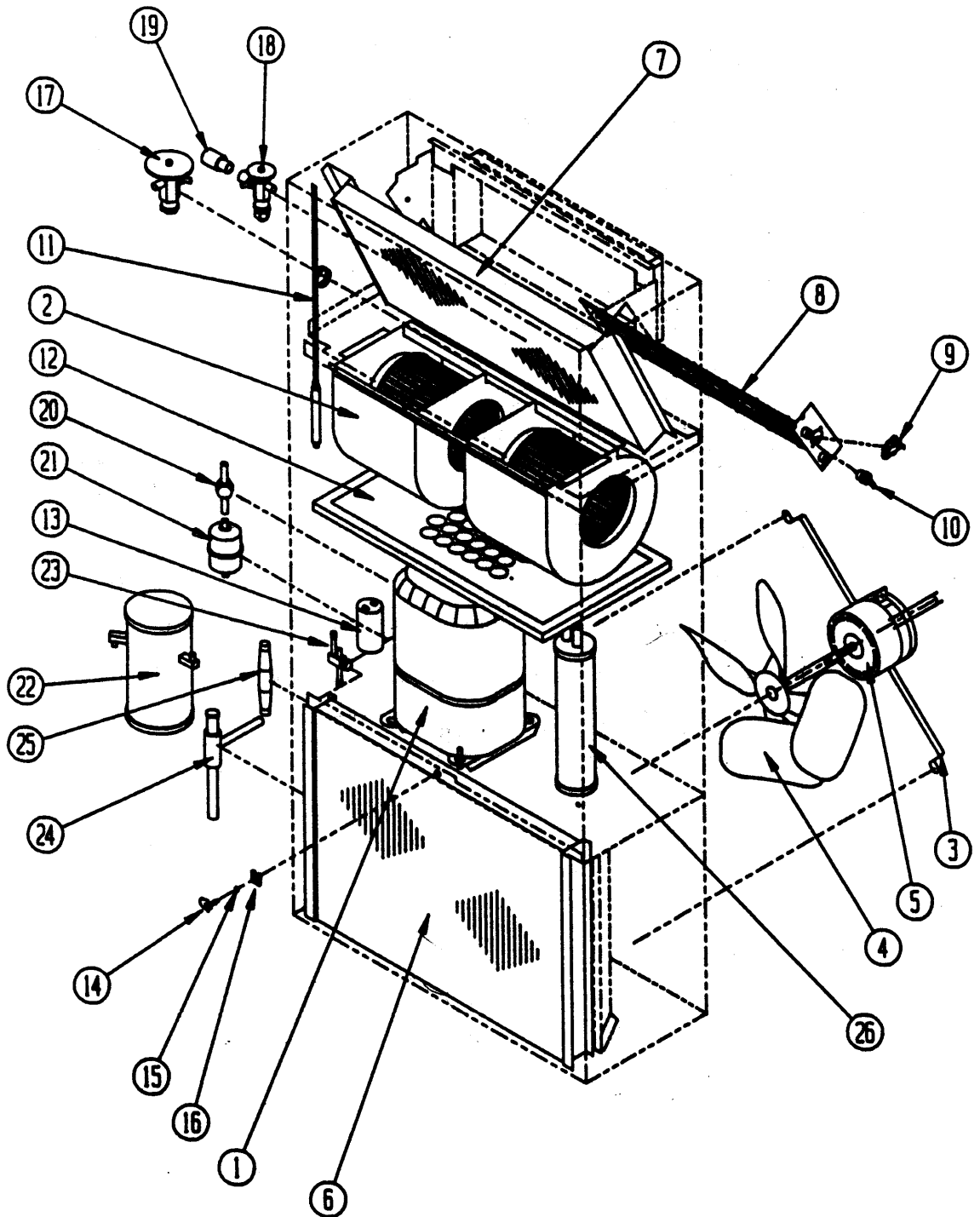
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CABINET COMPONENTS

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

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FUNCTIONAL COMPONENTS

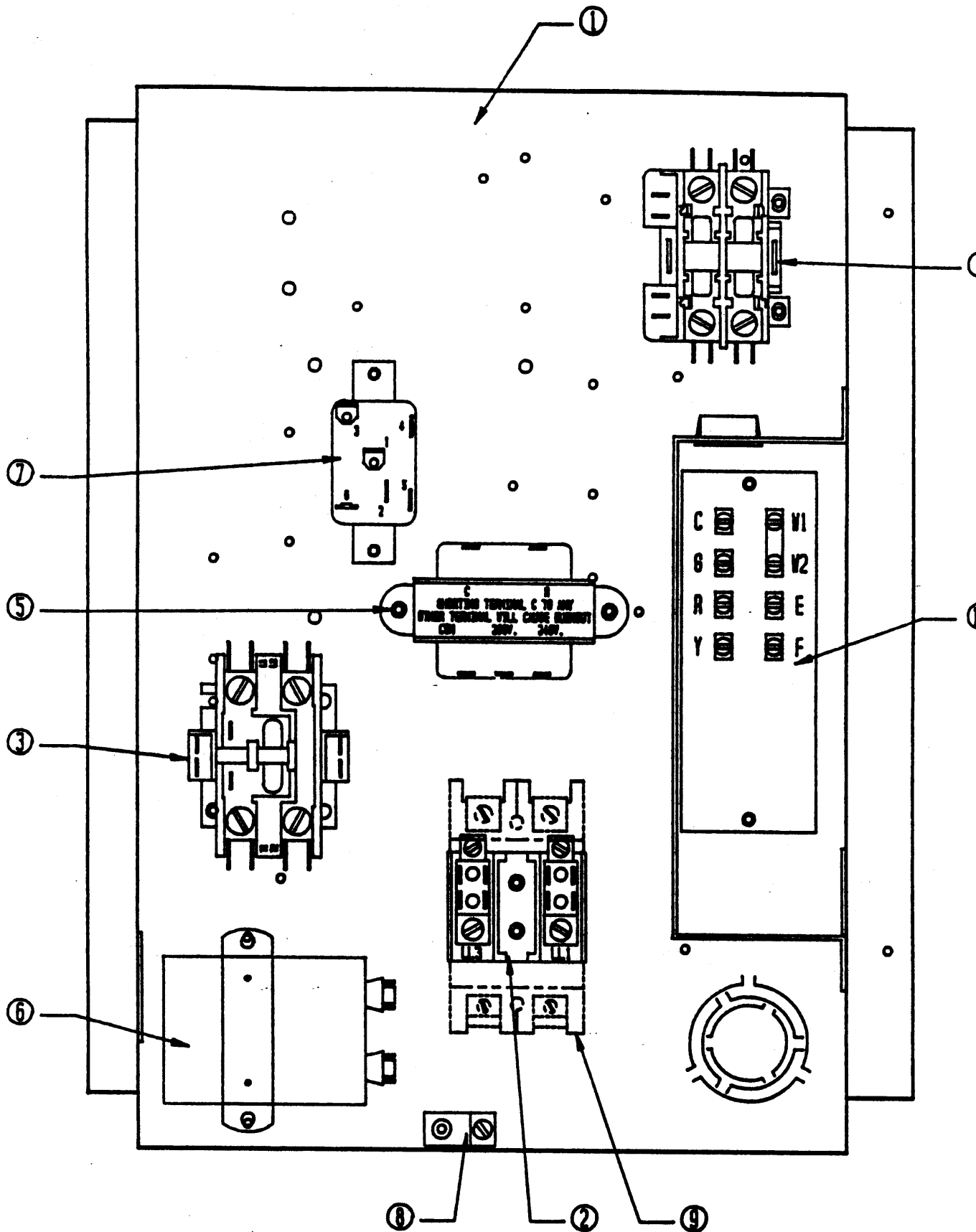


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FUNCTIONAL COMPONENTS

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 0 N	2 4 W A 6 A O 0 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 0 C	2 4 W A 6 A O 0 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 0 H	2 4 W A 6 B O 0 N	2 4 W A 6 D O 0 N	2 4 W A 6 D O 8 N	2 4 W A 6 D 1 0 N	
1	8000-112	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	X				
2	900-038	Blower Assembly (Complete)	X	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	X
4	5151-033	Fan Blade F10H8.7	X	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	X
6	5051-036	Condenser Coil	X	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	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	X
13	8552-027	Capacitor 25/370V	X	X	X	X	X	X	X	X	X	X	X	X					
13	8552-032	Capacitor 35/370V														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	X
15	1171-021	Retainer Clip	X	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	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					

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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 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 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 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 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			
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 2PI8		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								

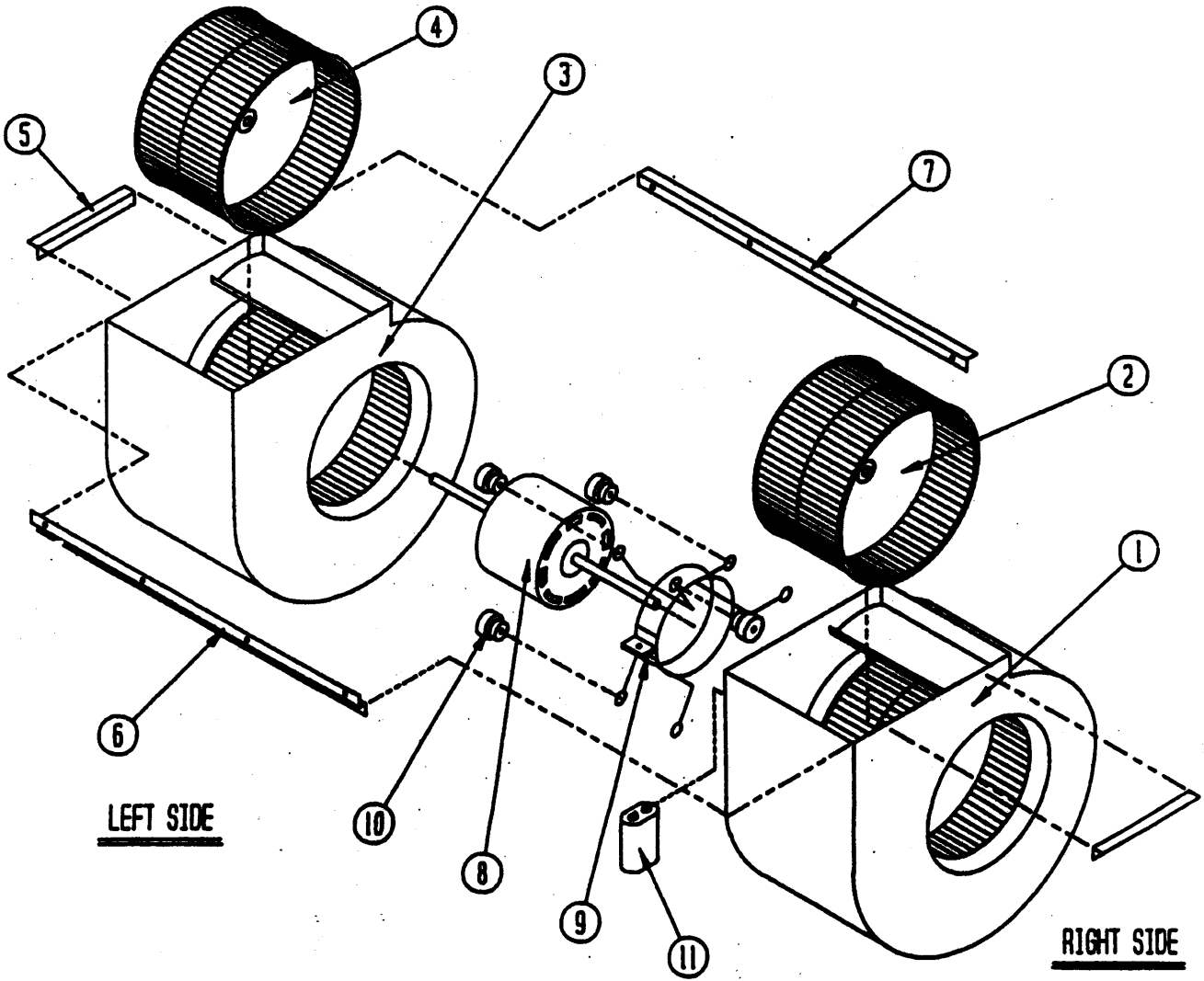
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BLOWER ASSEMBLY



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BLOWER ASSEMBLY

Dwg. No.	Part No.	Description	900-038
1	5152-051	Blower Housing And Wheel Assembly	X
2	5152-028	Blower Wheel	X
3	5152-052	Blower Housing And Wheel Assembly	X
4	5152-029	Blower Wheel	X
5	104-001	Angle	X
6	102-300	Offset	X
7	104-505	Angle 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

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