
Replacement Parts Manual

Wall Mounted Package Air Conditioner

Model: WA351

General Notes

- Revised and/or additional pages may be issued from time to time.
- A complete and current manual consists of pages shown in the following contents section.

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 plates.

Contents

Description	Page
Cabinet Components	
♦ Exploded View	1
♦ Usage List	2
Functional Components	
♦ Exploded View	3
♦ Usage List	4
Control Panel	
♦ Exploded View	5
♦ Usage List	6
Blower Assembly	
♦ Exploded View	7
♦ Usage List	7

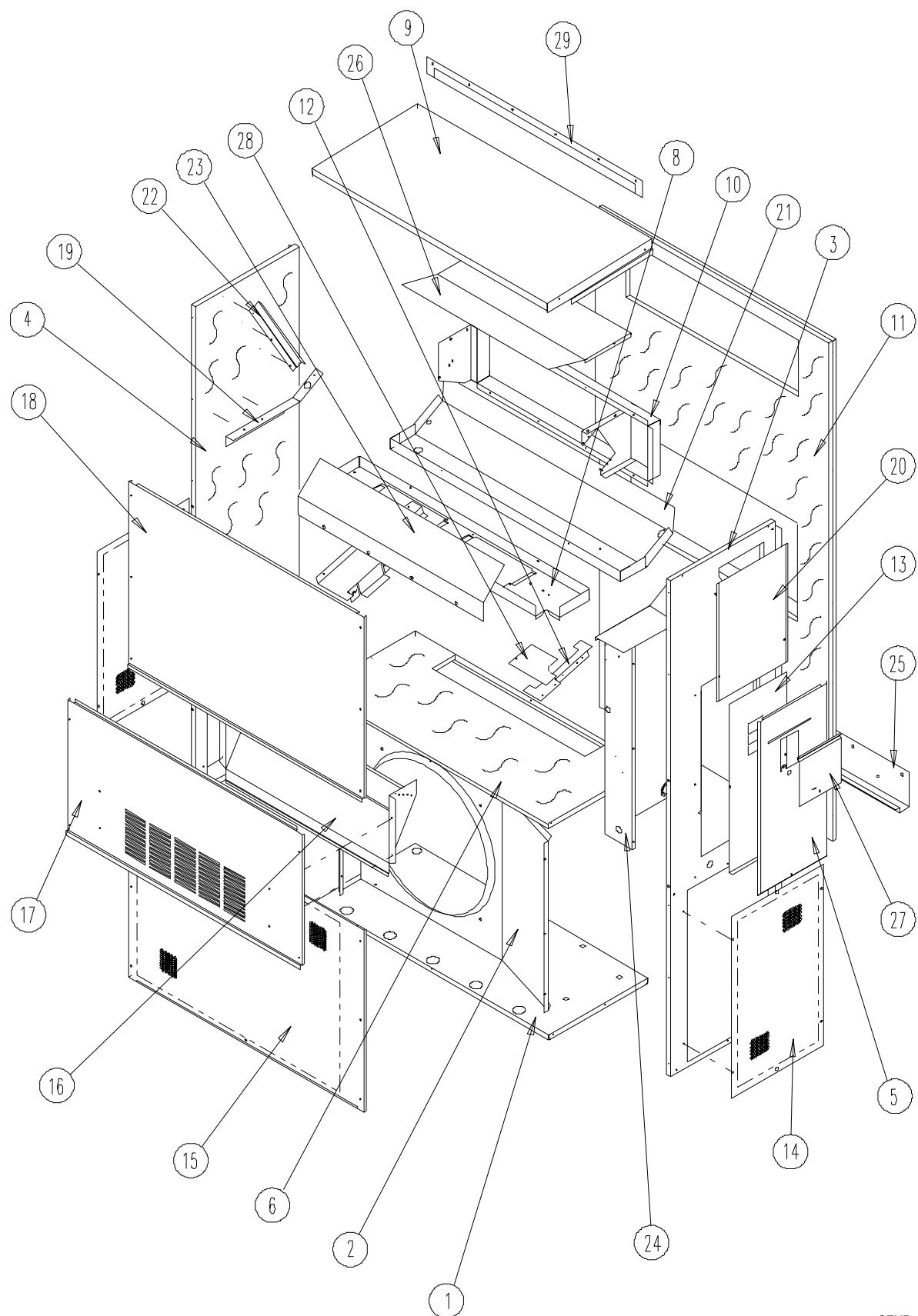


BARD MANUFACTURING COMPANY
Bryan, Ohio 43506

Since 1914...Moving ahead, just as planned.

Manual: 2110-426
File: 2150-004, Tab 16
Date: 07-10-97

Cabinet Components



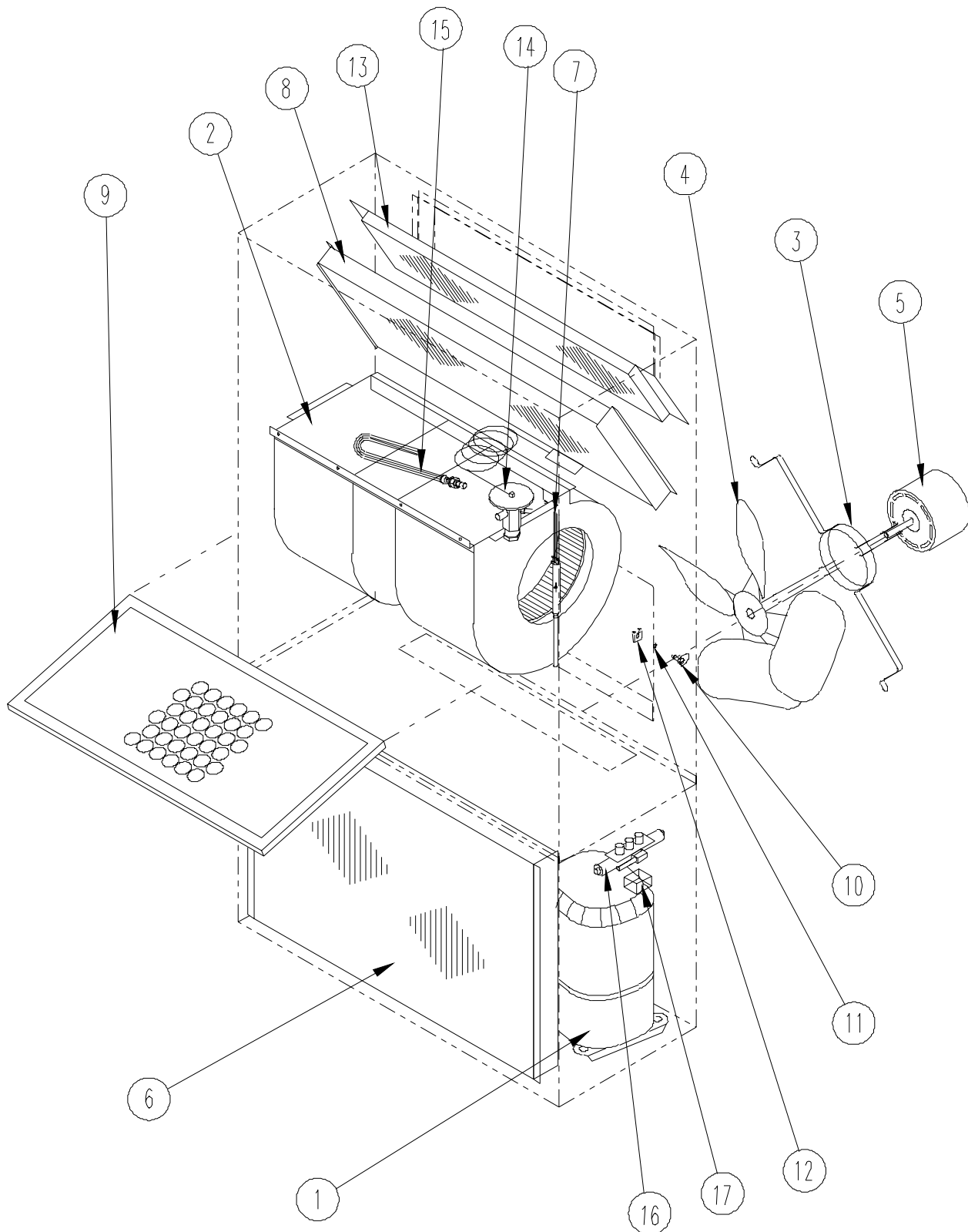
SEXP-160

Cabinet Components

Drawing No.	Part No.	Description	WA351-B	WA351-F	
1	S127X275	Lower Base	X	X	
2	125-028	Fan Shroud	X	X	
3	S500-228 - * Å	Right Side	X	X	
4	S500-229 - * Å	Left Side	X	X	
5	S533-109 - * Å	Control Panel Cover (Outer)	X	X	
6	S521X181	Condenser Partition	X	X	
8	121X182	Blower Partition	X	X	
9	S506-130 - * Å	Top	X	X	
10	S111X030	Outlet Airframe Assembly	X	X	
11	S508-088	Back	X	X	
12	113X195	Filter Bracket	2	2	
13	S132-104	Control Panel Cover (Inner)	X		
13	S132-110	Control Panel Cover (Inner)		X	
14	118-028 - * Å	Side Grille	2	2	
15	118-029 - * Å	Condenser Grill	X	X	
16	962014	Fresh Air Damper Assembly		X	
17	S552-293 - * Å	Service Door	X	X	
18	S514-072 - * Å	Upper Front	X	X	
19	105X850	Left Side Support	X	X	
20	S143-034 - * Å	Right Side Cover Plate (Outer)	X	X	
21	S123-078	Drain Pan	X	X	
22	147-044 - * Å	Evaporator Support	X	X	
23	135-124	Air Baffle	X	X	
24	Control Panel Assembly	See Control Panel Assembly Drawing and Parts List			
25	113-140	Bottom Mounting Bracket	X	X	
26	135X123	Heat Shield	X		
27	S153-218 - * Å	Disconnect Access Door	X		
28	136-212	Fill Plate	X	X	
29	113-149 - * Å	Top Rain Flashing	X	X	

Å Exterior cabinet parts are manufactured with various paint color options. To insure that you receive the proper paint color, you must include the model number and serial number of the unit for which cabinet parts are being ordered.

Functional Components

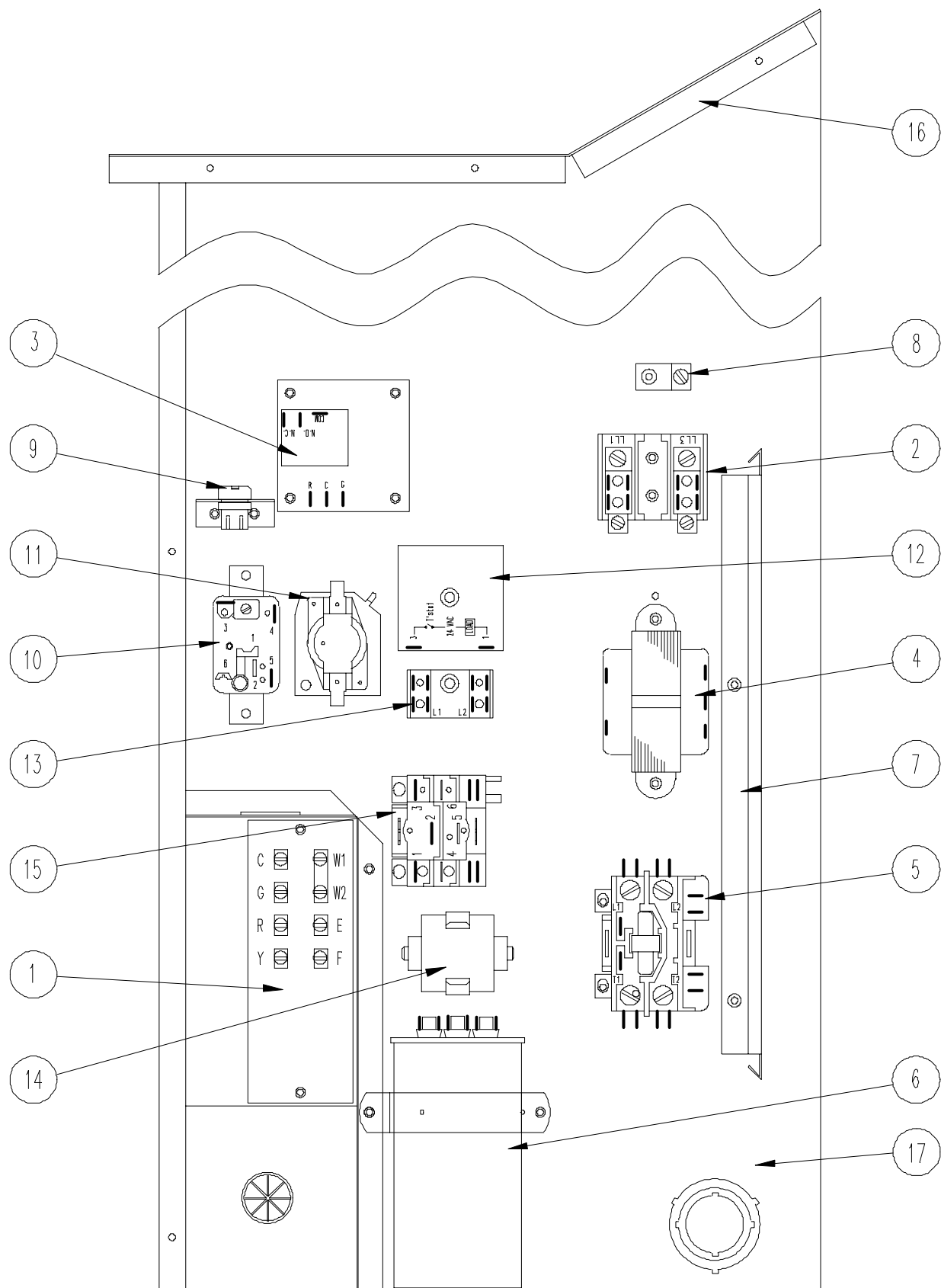


SEXP-162

Functional Components

Drawing No.	Part No.	Description	WA351-B	WA351-F	
1	8000-214	Compressor	X		
1	8000-217	Compressor		X	
2	S900-179	Blower Assembly	X	X	
3	8200-001	Fan Motor Mount	X	X	
4	5151-051	Fan Blade	X		
4	5151-045	Fan Blade		X	
5	8103-021	Condenser Motor	X		
5	8103-013	Condenser Motor		X	
6	5051-066	Condenser Coil	X	X	
7	800-0185	Cooling Capillary Assembly		X	
8	5060-064	Evaporator Coil	X	X	
9	7004-026	Air Filter 2" Pleated	X	X	
9	7003-031	Air Filter 1" Washable	X	X	
9	7004-019	Air Filter 1" Throw-away	X	X	
10	1171-022	1/4" Turn Fastener	X	X	
11	1171-024	1/4" Turn Retainer	X	X	
12	1171-023	1/4" Receptacle	X	X	
14	5651-071	TXV	X		
15	5625-015	Distributor	X		
NS	1804-0106	High Pressure Switch	X	X	
NS	1804-0107	Low Pressure Switch	X	X	
NS	1804-0108	Low Ambient Control	X	X	
NS	5201-011	Filter/Drier	X		

NS Not Shown



SEXP-163

Drawing No.	Part No.	Description	WA351-B	WA351-F	
1					
2	500X344	Right End	X	X	
3	500Y344	Left End	X	X	
4	105-904	Right Adjustment Angle with Seal	X	X	
5	105-905	Left Adjustment Angle with Seal	X	X	
6	8101-011	Blower Motor	2		
6	8101-012	Blower Motor		2	
7	8552-001	Blower Motor Capacitor	X	X	
8	Blower Housing and Wheel	See Blower Housing Assembly Drawing	4	4	
9	129-018	Blower Motor Mount	4	4	
10	520-317	Lower Partition Assembly	X	X	
11	508-114	Back Assembly	X	X	
12	520-242	Middle Partition Assembly	X	X	
13	115-084	Front Assembly	X	X	
14	506-147	Top Assembly	X	X	
15	105-898	Slide Angle	X	X	
16	3000-989	Wire Harness Right	X	X	
17	3000-1022	Low Voltage to Unit	X	X	
18	3000-1023	High Voltage to Unit	X	X	
19	3000-1021	Wire Harness – High Voltage to ERVR	X	X	
NS	3000-1076	Wire Harness – Cassette	X	X	
NS	4056-153	Wiring Diagram	X		
NS	4056-301	Wiring Diagram		X	

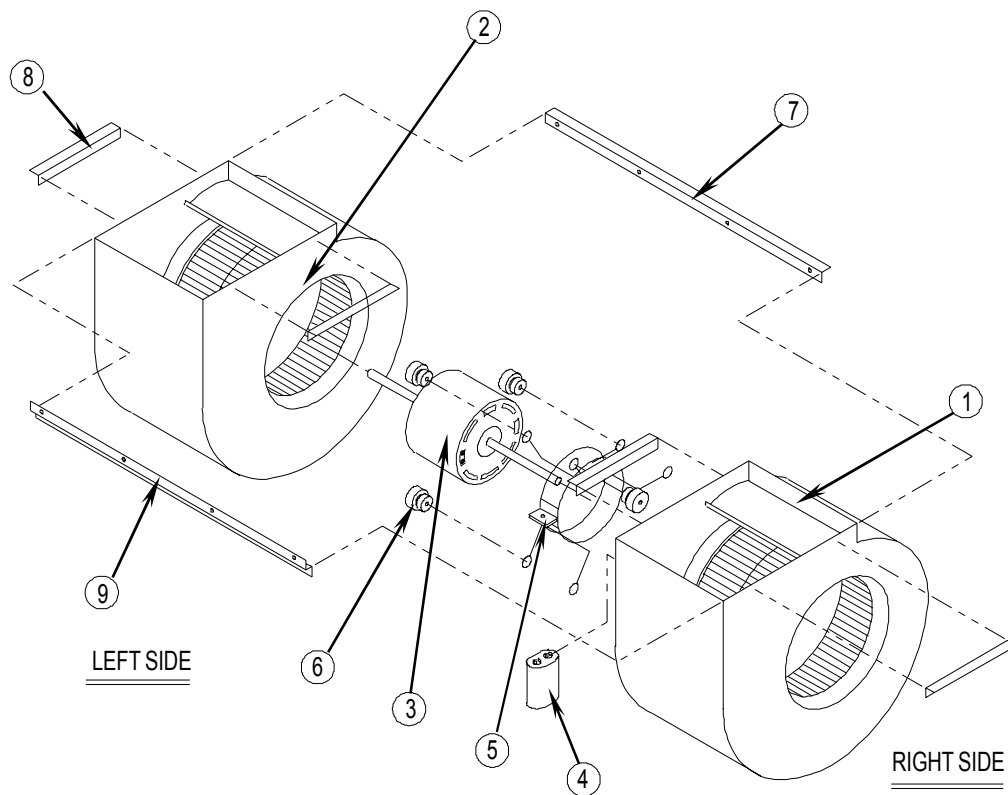
NS Not Shown

Blower Assembly

WA351-B,-F

Drawing

No.	Part No.	Description		
1	5152-051	Housing, Wheel and Cutoff (CW)	X	
2	5152-052	Housing, Wheel and Cutoff	X	
3	8105-029	Blower Motor (230/208)	X	
4	8552-002	Capacitor	X	
5	8200-031	Motor Mount	X	
6	5451-011	Grommets	6	
7	105-870	Back Brace	X	
8	104-868	Side Angle	4	
9	103-401	Front Brace	X	



SEXP-161