

REPLACEMENT PARTS MANUAL

WALL MOUNTED PACKAGE AIR CONDITIONER

Models: **WL602N**
WL4842
WL6022
WL4843
WL6023

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

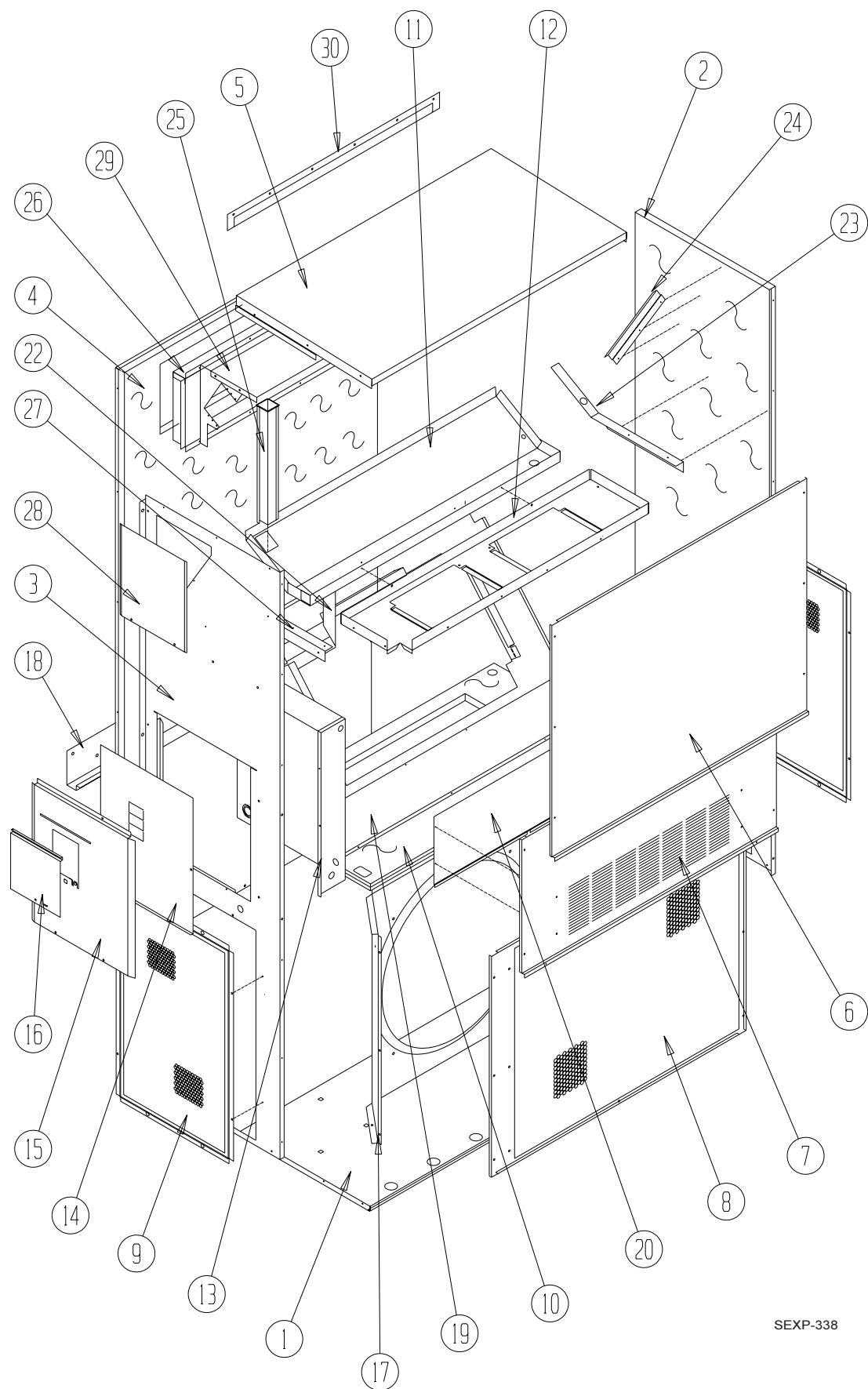
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Bard Manufacturing Company
Bryan, Ohio 43506
Since 1914...Moving ahead, just as planned.

Manual: 2110-458A
Supersedes: 2110-458
File: Tab 16
Date: 09-01-03

CABINET COMPONENTS



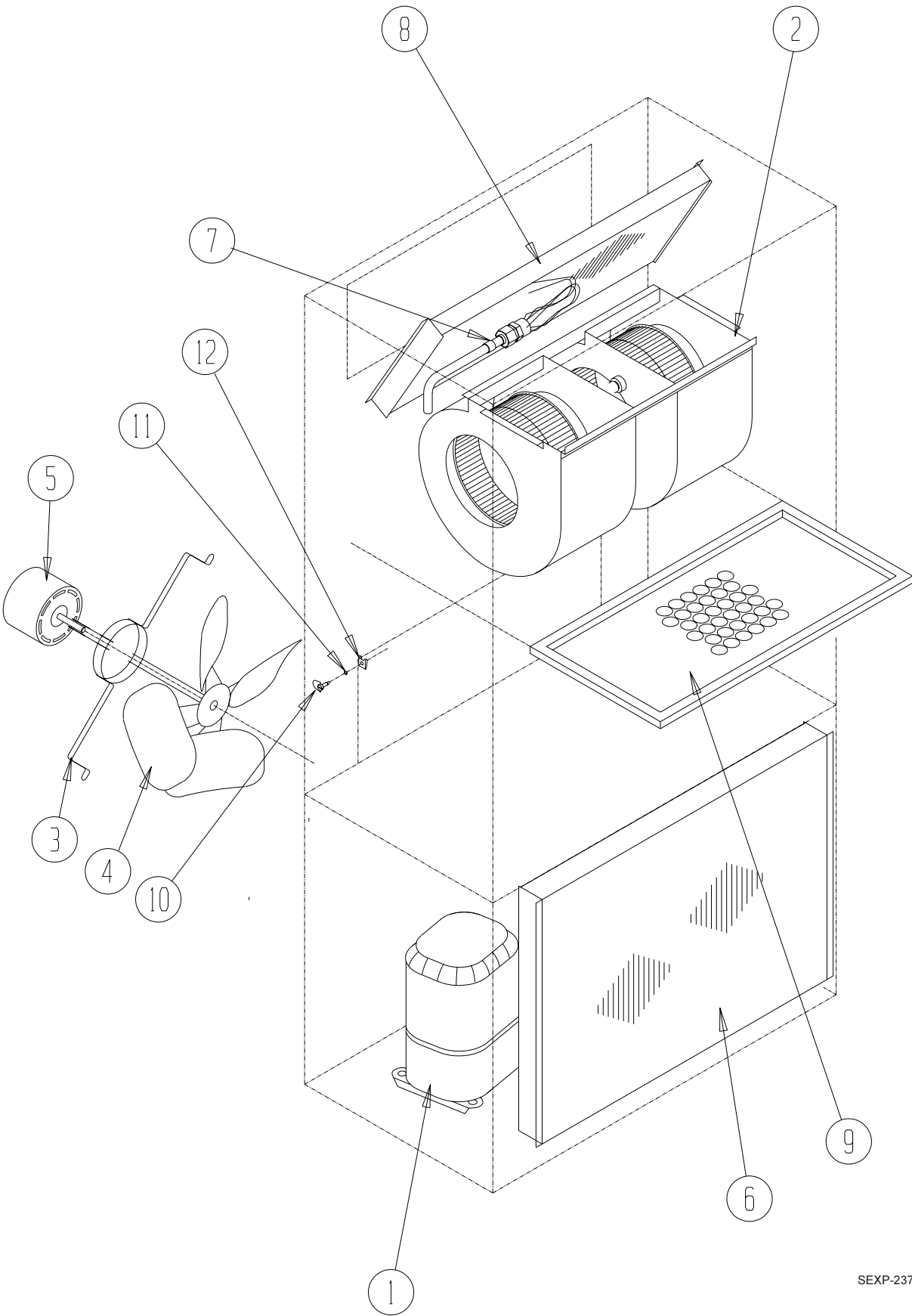
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CABINET COMPONENTS

Drawing No.	Part No.	Description	WL4842	WL4843	WL6022	WL6023 WL602N
1	S127Y214	Lower	X	X	X	X
2	S500-319-* ①	Right Side	X	X	X	X
3	S500-320-* ①	Left Side	X	X	X	X
4	S508-155	Back		X		X
4	S508-158	Back	X		X	
5	S506-142-* ①	Top	X	X	X	X
6	S514-077-* ①	Upper Front	X	X	X	X
7	S552-224-* ①	Service Door	X	X	X	X
8	118-049-* ①	Condenser Grille	X	X	X	X
9	118-057-* ①	Side Grille	2	2	2	2
10	521Y333	Condenser Partition	X	X	X	X
11	123-091	Drain Pan	X	X	X	X
12	121Y216	Blower Partition	X	X	X	X
13	Control Panel Assembly	See Control Panel Assembly Drawing & Parts List	X	X	X	X
14	S133-114	Control Panel Cover (Inner)	X	X	X	X
15	S533-140-* ①	Control Panel Cover (Outer)	X	X	X	X
16	S153-218-* ①	Disconnect Access Door	X	X	X	X
17	125-024	Fan Shroud	X	X	X	X
18	113-140	Bottom Mounting Bracket	X	X	X	X
19	131Y135	Filter Tray	X		X	
20	BOP-5	Blank Off Plate	X	X	X	X
22	111-065	Inlet Airframe Assembly	X		X	
23	105Y878	Left Side Support	X	X	X	X
24	147-046-* ①	Left Evaporator Support	X	X	X	X
25	135-128	Raceway	2	2	2	2
26	111Y030	Outlet Airframe Assembly				X
26	S111-064	Outlet Airframe Assembly	X		X	
26	111-066	Outlet Airframe Assembly		X		
27	105Y877	Right Side Support	X	X	X	X
28	S143-042-* ①	Right Side Cover Plate (Outer)	X	X	X	X
29	135Y123	Heat Shield				X
30	113-150-* ①	Top Rain Flashing	X	X	X	X

① NOTE: Exterior cabinet parts are manufactured with various paint color options. To insure that you receive the proper paint color, you must include the complete model and serial number of the unit for which cabinet parts are being ordered.

FUNCTIONAL COMPONENTS



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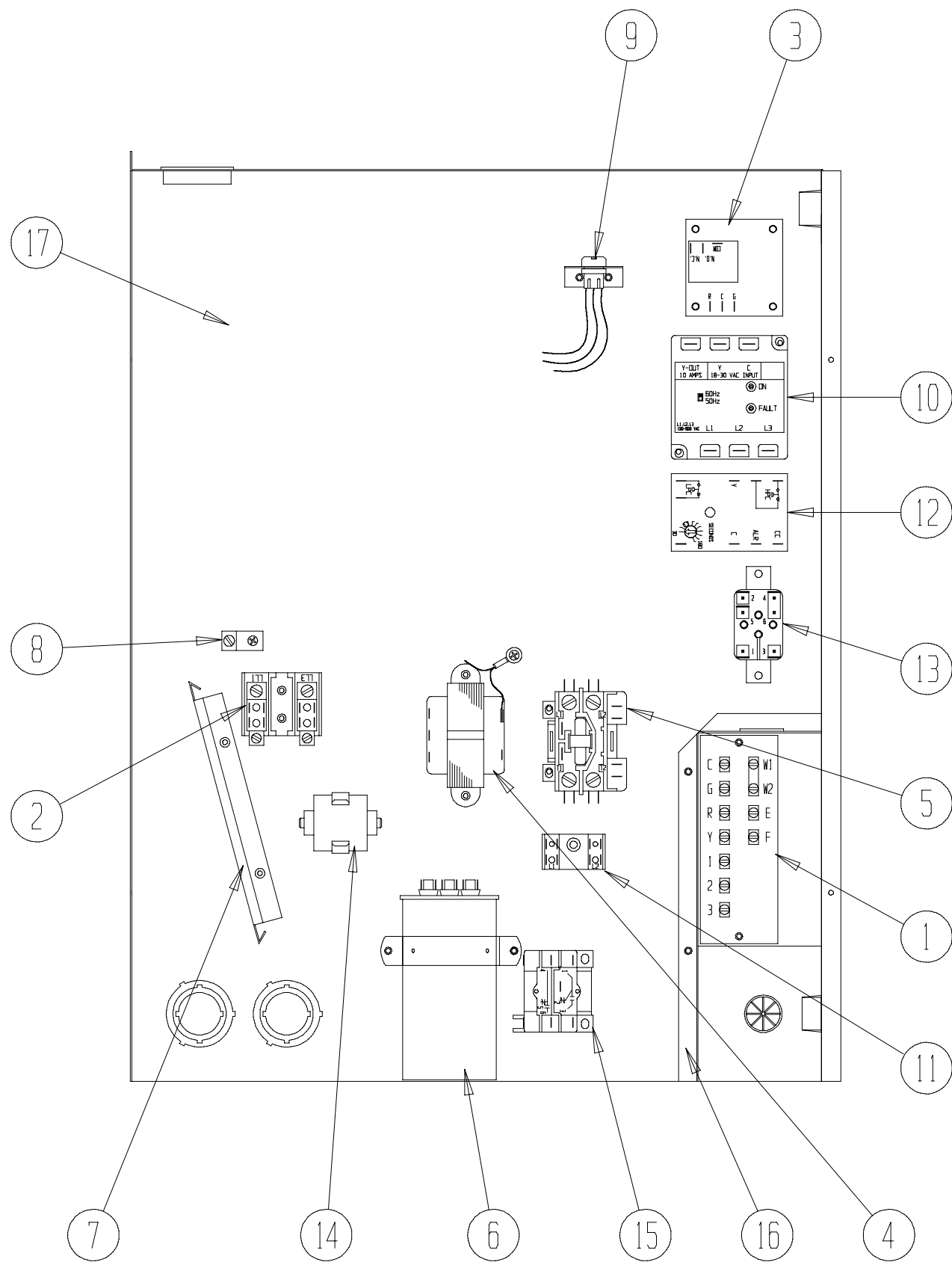
FUNCTIONAL COMPONENTS

Dwg. No.	Part No.	Description	WL4842A	WL4843A	WL4842B	WL4843B	WL6022A	WL6023A	WL602NA	WL6022B	WL6023B	WL602NB
1	8000-153	Compressor					X	X	X			
1	8000-154	Compressor								X	X	X
1	8000-221	Compressor			X	X						
1	8000-236	Compressor	X	X								
2	S900-185	Blower Assembly					X	X	X	X	X	X
2	S900-183	Blower Assembly	X	X	X	X						
3	8200-004	Fan Motor Mount	X	X	X	X	X	X	X	X	X	X
4	5151-027	Fan Blade	X	X	X	X	X	X	X	X	X	X
5	8105-039	Condenser Motor	X	X	X	X	X	X	X	X	X	X
6	5051-093	Condenser Coil	X	X	X	X	X	X	X	X	X	X
7	800-0232	Cooling Capillary Assembly							X			X
7	800-0204	Cooling Capillary Assembly	X	X	X	X						
7	800-0234	Distributor Assembly					X	X		X	X	
8	5060-082	Evaporator Coil					X	X	X	X	X	X
8	5060-070	Evaporator Coil	X	X	X	X						
9	7004-016	Air Filter 1" Throw-Away	X		X		X			X		
9	7003-030	Air Filter 1" Washable	X		X		X			X		
9	7004-027	Air Filter 2" Pleated	X		X		X			X		
10	1171-022	1/4 Turn Fastener	X	X	X	X	X	X	X	X	X	X
11	1171-024	1/4 Turn Retainer	X	X	X	X	X	X	X	X	X	X
12	1171-023	1/4 Receptacle	X	X	X	X	X	X	X	X	X	X
NS	1804-0106	High Pressure Switch (Flare)	X	X	X	X	X	X	X	X	X	X
NS	1804-0107	Low Pressure Switch (Flare) ①	X	X	X	X	X	X	X	X	X	X
NS	CMA-6	Low Ambient Control (Flare) ①	X	X	X	X	X	X	X	X	X	X

NS – Not Shown

①— Optional on these models

CONTROL PANEL



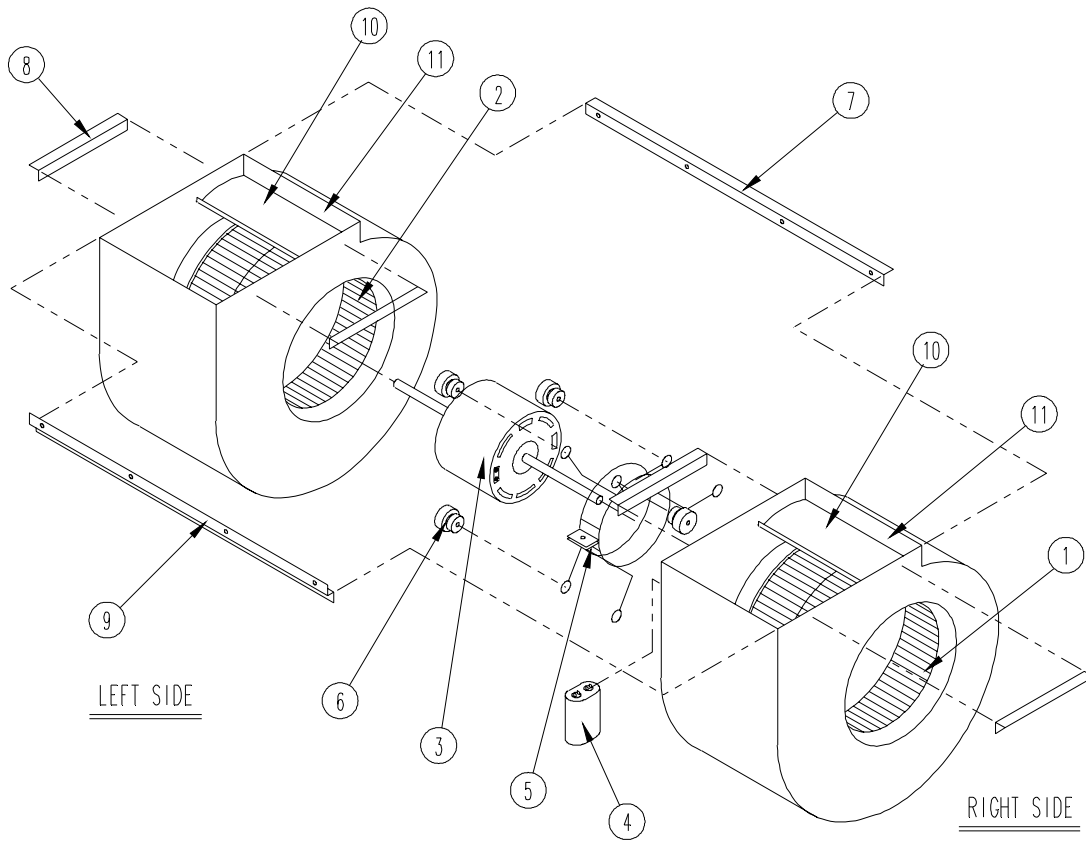
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CONTROL PANEL

Drawing No.	Part No.	Description	WL4842A WL4843A	WL6022A WL6023A WL602NA	WL4842B WL4843B WL6022B WL6023B WL602NB
1	8607-020	Low Voltage Terminal Strip	X	X	X
2	8607-013	Terminal Block 2 pole	X	X	
2	8607-014	Terminal Block			X
3	8201-056	Blower Control	X	X	X
4	8407-034	Transformer	X	X	X
5	8401-025	Compressor Contactor	X	X	
5	8401-002	Compressor Contactor			X
6	8552-072	Compressor Capacitor	X		
6	8552-058	Compressor Capacitor		X	
6	8552-005	Outdoor Fan Capacitor			X
7	135-130	Wire Shield	X	X	X
8	8611-006	Ground Terminal	X	X	X
9	3000-978	6 Pin Connector	X	X	X
10	8201-085	Phase Monitor			X
11	8607-017	Terminal Block (Optional)	X	X	X
12	8201-088	Compressor Control Module	X	X	X
13	8201-062	Alarm Relay (Optional)	X	X	X
14	8551-005	Start Device (PTRC) (Optional)	X	X	
15	8201-032	Outdoor Fan Relay (Optional)			X
16	117Y139	Low Voltage Box	X	X	X
17	117Y143	Control Panel	X	X	X
NS	4095-128	Wiring Diagram	X	X	
NS	4095-227	Wiring Diagram			X

NS – Not Shown

BLOWER ASSEMBLY



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Drawing No.	Part No.	Description	900-185		900-183	
1	5152-011	10 Inch Wheel (CW)	X			
1	5152-057	9 Inch Wheel (CW)			X	
2	5152-012	10 Inch Wheel (CCW)	X			
2	5152-058	9 Inch Wheel (CCW)			X	
3	8106-030	Blower Motor (230/208)	X			
4	8552-005	Capacitor	X		X	
5	8200-040	Motor Mount	X		X	
6	5451-011	Grommets	6		6	
7	105-881	Back Brace	X		X	
8	105-880	Side Angle	4		4	
9	103-389	Front Brace	X		X	
10	151-101	Housing	2		2	
11	144-166	Diffuser	2		2	