

Replacement Parts Manual

Wall Mounted Package Air Conditioner

Models: WA1 81 T, WA241 T

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 plate.

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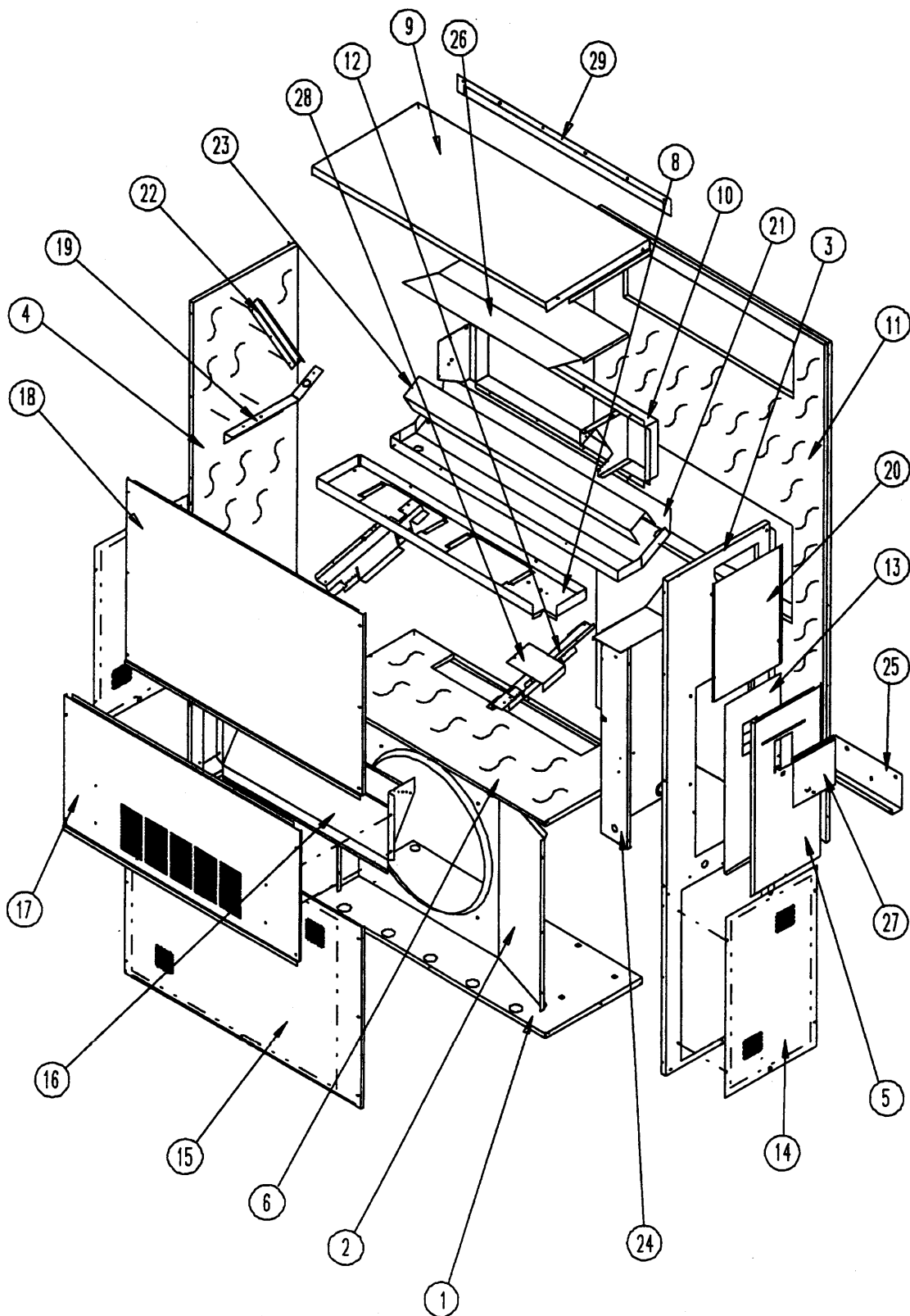
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BARD MANUFACTURING COMPANY
Bryan, Ohio 43506

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

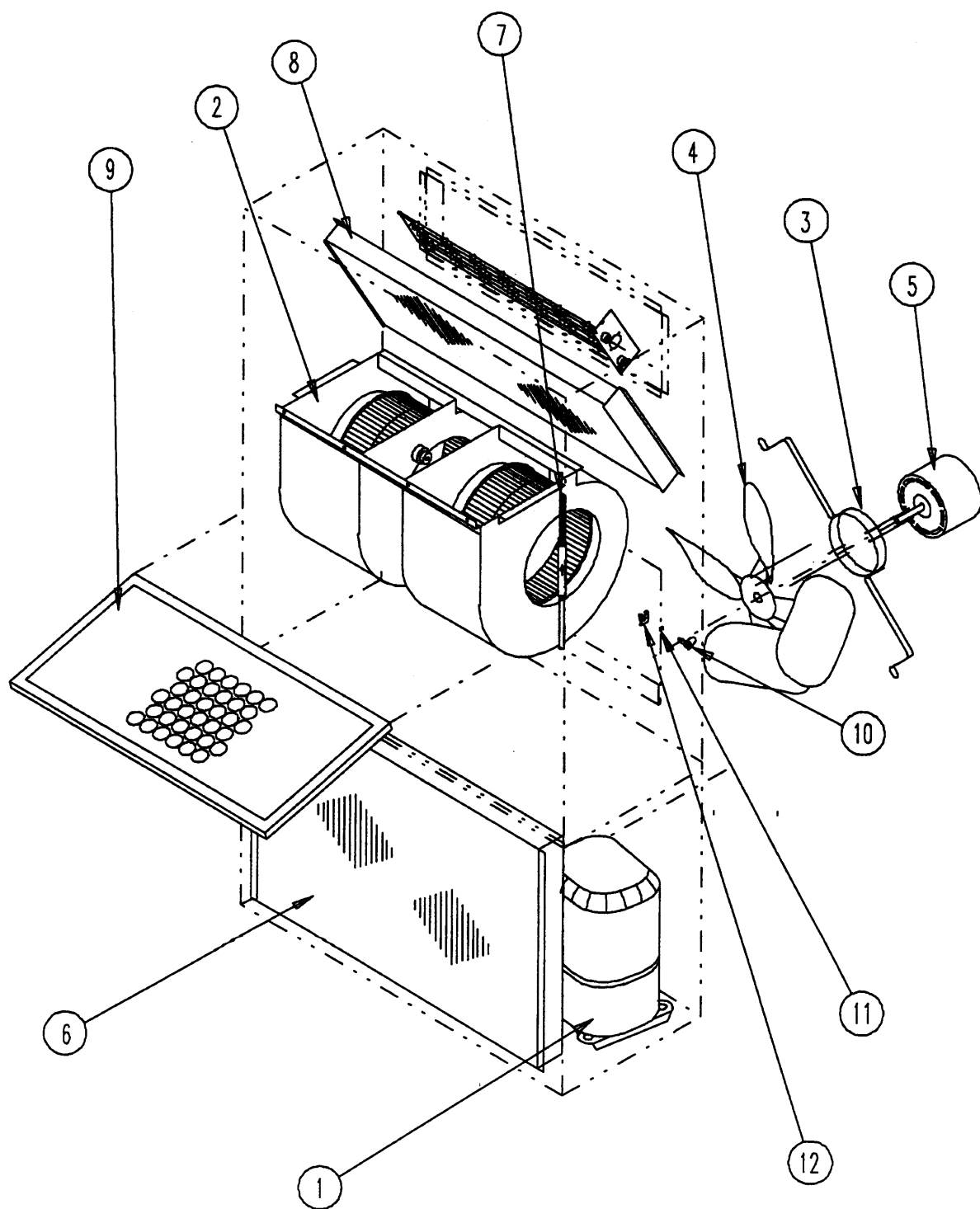
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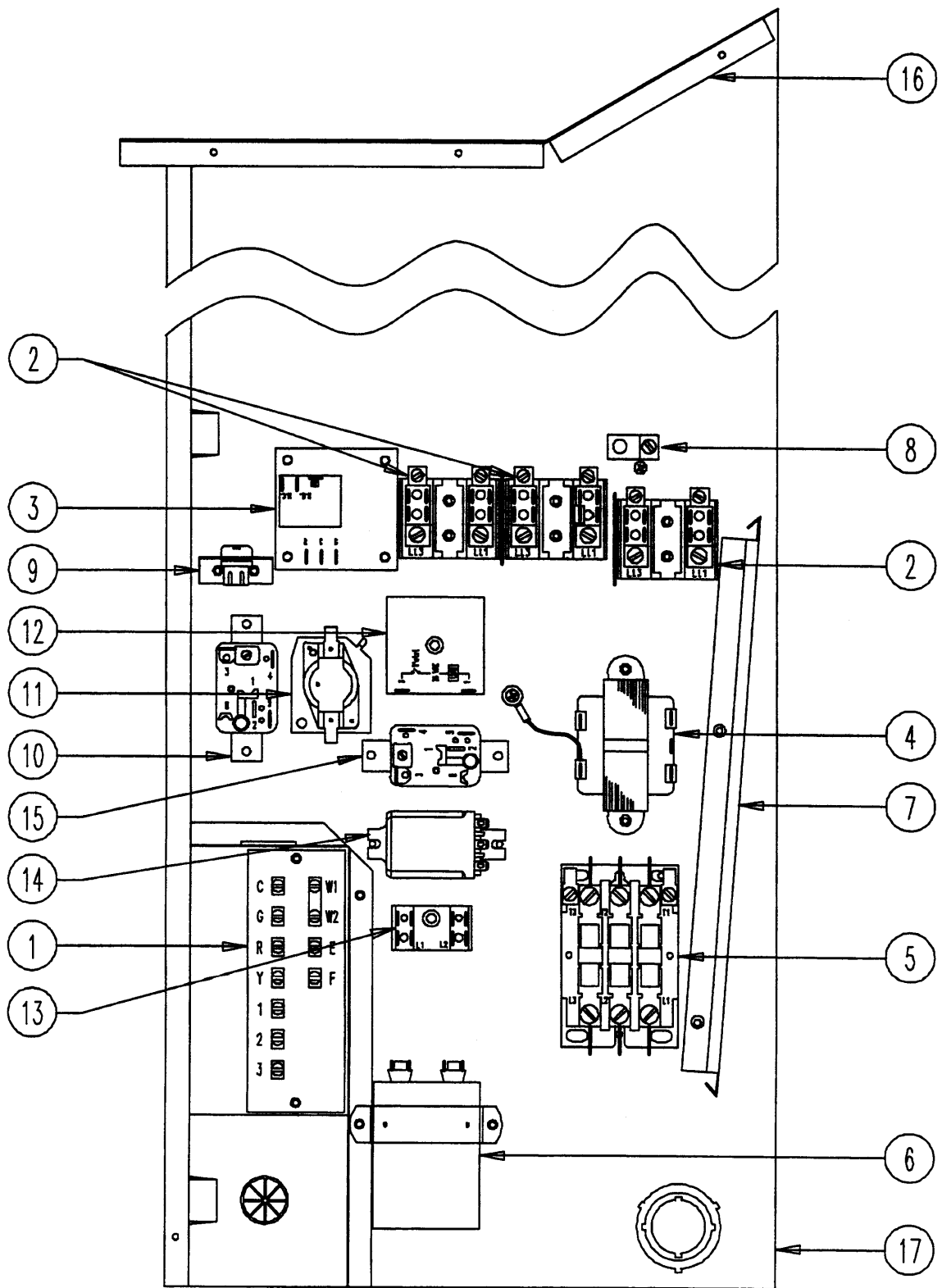
Drawing No.	Part No.	Description	WA181TA	WA241TA, TB
1	S127-204	Lower Base	X	X
2	125-023	Fan Shroud	X	X
3	S500-228-* (1)	Right Side	X	X
4	S500-229-* (1)	Left Side	X	X
5	S533-109-* (1)	Control Panel Cover (outer)	X	X
6	S5200-204	Condenser Partition	X	X
8	121-190	Blower Partition	X	X
9	S506-137-* (1)	Top	X	X
10	S111-032	Outlet Airframe Assembly	X	X
11	S508-097	Back	X	X
12	113-195	Filter Bracket	2	2
13	S132-104	Control Panel Cover (inner)	X	X
14	118-028-* (1)	Side Grille	2	2
15	118-030-* (1)	Condenser Grille	X	X
16	962019	Fresh Air Damper Assembly	X	X
17	S552-213-* (1)	Service Door	X	X
18	S514-076-* (1)	Upper Front	X	X
19	105-850	Left Side Support	X	X
20	S143-034-* (1)	Right Side Cover Plate (outer)	X	X
21	S123-080	Drain Pan	X	X
22	147-044-* (1)	Left Evaporator Support	X	X
23	137-195	Bottom Evaporator Fill	X	X
24	Control Panel Assembly	(See Control Panel Assembly Drawing and Parts List)	X	X
25	113-140	Bottom Mounting Bracket	X	X
26	135-127	Heat Shield	X	X
27	S153-218-* (1)	Disconnect Access Door	X	X
28	137-259	Fill Plate	X	X
29	113-141-* (1)	Top Rain Flashing	X	X

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



Drawing No.	Part No.	Description	WA181TA	WA241TA	WA241TB
1	8000-139	Compressor	X		
1	8000-140	Compressor		X	
1	8000-141	Compressor			X
2	S900-181	Blower Assembly	X	X	X
3	8200-001	Fan Motor Mount	X	X	X
4	5151-033	Fan Blade	X	X	X
5	8103-022	Condenser Motor	X	X	X
6	5051-071	Condenser Coil			X
7	800-0197	Cooling Capillary Assembly	X		
7	800-0198	Cooling Capillary Assembly		X	X
8	5060-066	Evaporator Coil		X	X
8	5060-067	Evaporator Coil	X		
9	7004-011	Air Filter 1" Throw-Away	X	X	X
9	7003-032	Air Filter 1" Washable (Optional)	X	X	X
9	7004-025	Air Filter 2" Pleated (Optional)	X	X	X
10	1171-022	1/4" Turn Fastener	X	X	X
11	1171-024	1/4" Turn Retainer	X	X	X
12	1171-023	1/4" Receptacle	X	X	X
NS	8406-055	High Pressure Switch (Solder) (Optional)	X	X	X
NS	8406-061	Low Pressure Switch (Solder) (Optional)	X	X	X
NS	8406-088	Low Ambient Control (Solder) (Optional)	X	X	X
NS	1804-0106	High Pressure Switch (Flare) (Optional)	X	X	X
NS	1804-0107	Low Pressure Switch (Flare) (Optional)	X	X	X
NS	1804-0108	Low Ambient Control (Flare) (Optional)	X	X	X
NS	8406-087	Modulating Low Ambient Control 60HZ (Optional)	X	X	X

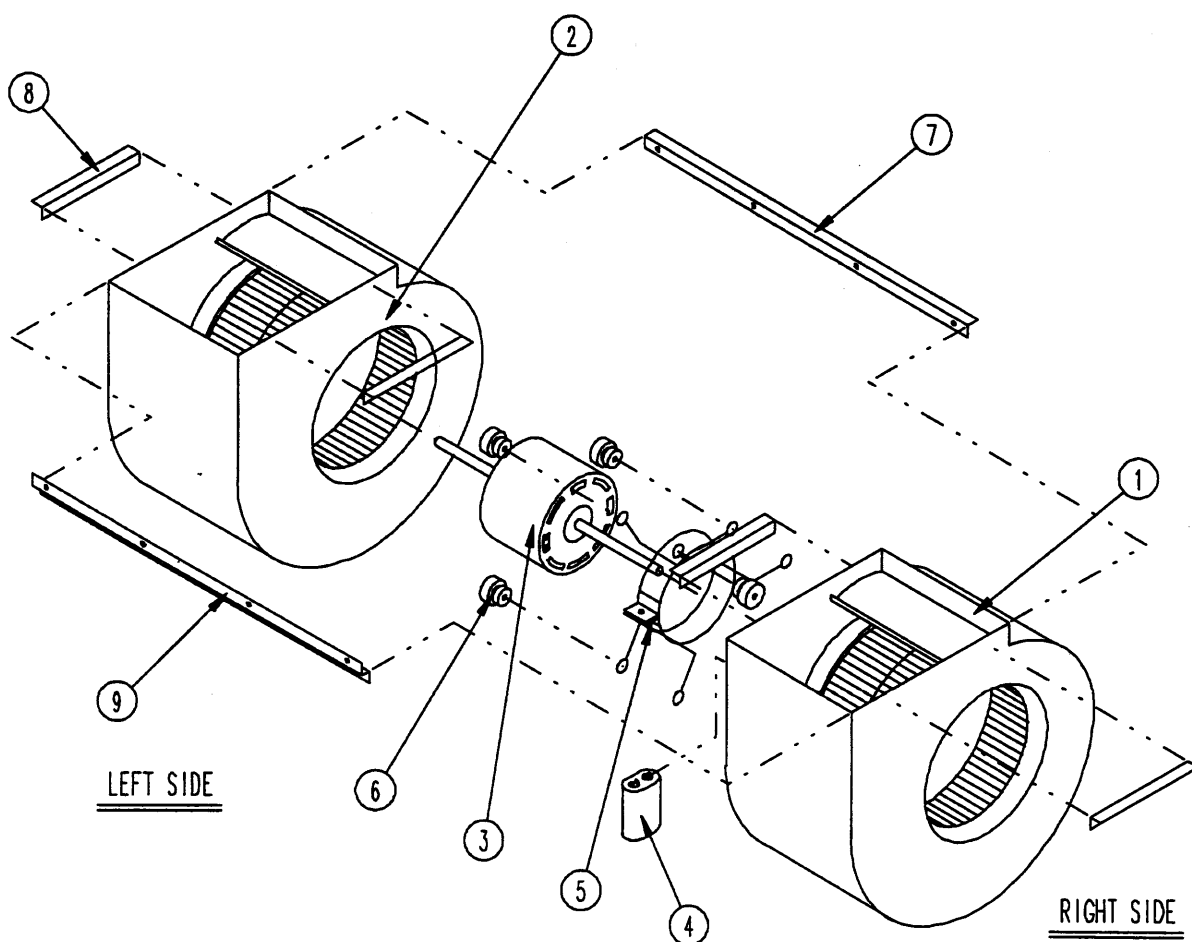
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Drawing No.	Part No.	Description	WA181TA	WA241TA	WA241TB
1	8607-020	Low Voltage Terminal Strip	X	X	X
2	8607-013	Terminal Block 2 Pole	2	2	X
2	8607-014	Terminal Block 3 Pole			X
3	8201-056	Blower Control	X	X	X
4	8407-034	Transformer	X	X	X
5	8401-007	Compressor Contactor	X	X	
5	8401-002	Compressor Contactor			X
6	8552-046	Compressor Capacitor	X		
6	8552-047	Compressor Capacitor		X	
6	8552-002	Outdoor Motor Capacitor			X
7	135-122	Wire Shield	X	X	X
8	8611-006	Ground Terminal	X	X	X
9	3000-1066	6 Pin Connector	X	X	X
10	8201-034	Lockout Relay	X	X	X
11	8201-065	Low Pressure Bypass (TDR)	X	X	X
12	8201-067	Compresoor TDR Adj. (Optional)	X	X	X
13	8607-017	Terminal Block	X	X	X
14	8201-074	Inverter Relay	X	X	X
15	8201-062	Alarm Relay	X	X	X
16	117-137	Control Panel Top	X	X	X
17	117-123	Control Panel	X	X	X
	4095-127	Wiring Diagram	X	X	
	4095-223	Wiring Diagram			X

Drawing

No.	Part No.	Description		
1	5152-069	Housing, Wheel and Cutoff (CW)	X	
2	5152-070	Housing, Wheel and Cutoff	X	
3	8102-011	Blower Motor (230/208)	X	
4	8552-002	Capacitor	X	
5	8200-039	Motor Mount	X	
6	5451-011	Grommets	6	
7	105-869	Back Brace	X	
8	104-868	Side Angle	4	
9	103-400	Front Brace	X	



Drawing No.	Part No.	Description	WA181TA	WA241TA	WA241TB
1	8607-020	Low Voltage Terminal Strip	X	X	X
2	8607-013	Terminal Block 2 Pole	2	2	X
2	8607-014	Terminal Block 3 Pole			X
3	8201-056	Blower Control	X	X	X
4	8407-034	Transformer	X	X	X
5	8401-007	Compressor Contactor	X	X	
5	8401-002	Compressor Contactor			X
6	8552-046	Compressor Capacitor	X		
6	8552-047	Compressor Capacitor		X	
6	8552-002	Outdoor Motor Capacitor			X
7	135-122	Wire Shield	X	X	X
8	8611-006	Ground Terminal	X	X	X
9	3000-1066	6 Pin Connector	X	X	X
10	8201-034	Lockout Relay	X	X	X
11	8201-065	Low Pressure Bypass (TDR)	X	X	X
12	8201-067	Compresoor TDR Adj. (Optional)	X	X	X
13	8607-017	Terminal Block	X	X	X
14	8201-074	Inverter Relay	X	X	X
15	8201-062	Alarm Relay	X	X	X
16	117-137	Control Panel Top	X	X	X
17	117-123	Control Panel	X	X	X
	4095-127	Wiring Diagram	X	X	
	4095-223	Wiring Diagram			X