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# REPLACEMENT PARTS MANUAL

# WALL MOUNTED PACKAGE AIR CONDITIONER

Models: **WL7013B**  
**WL7023A**

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## 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.

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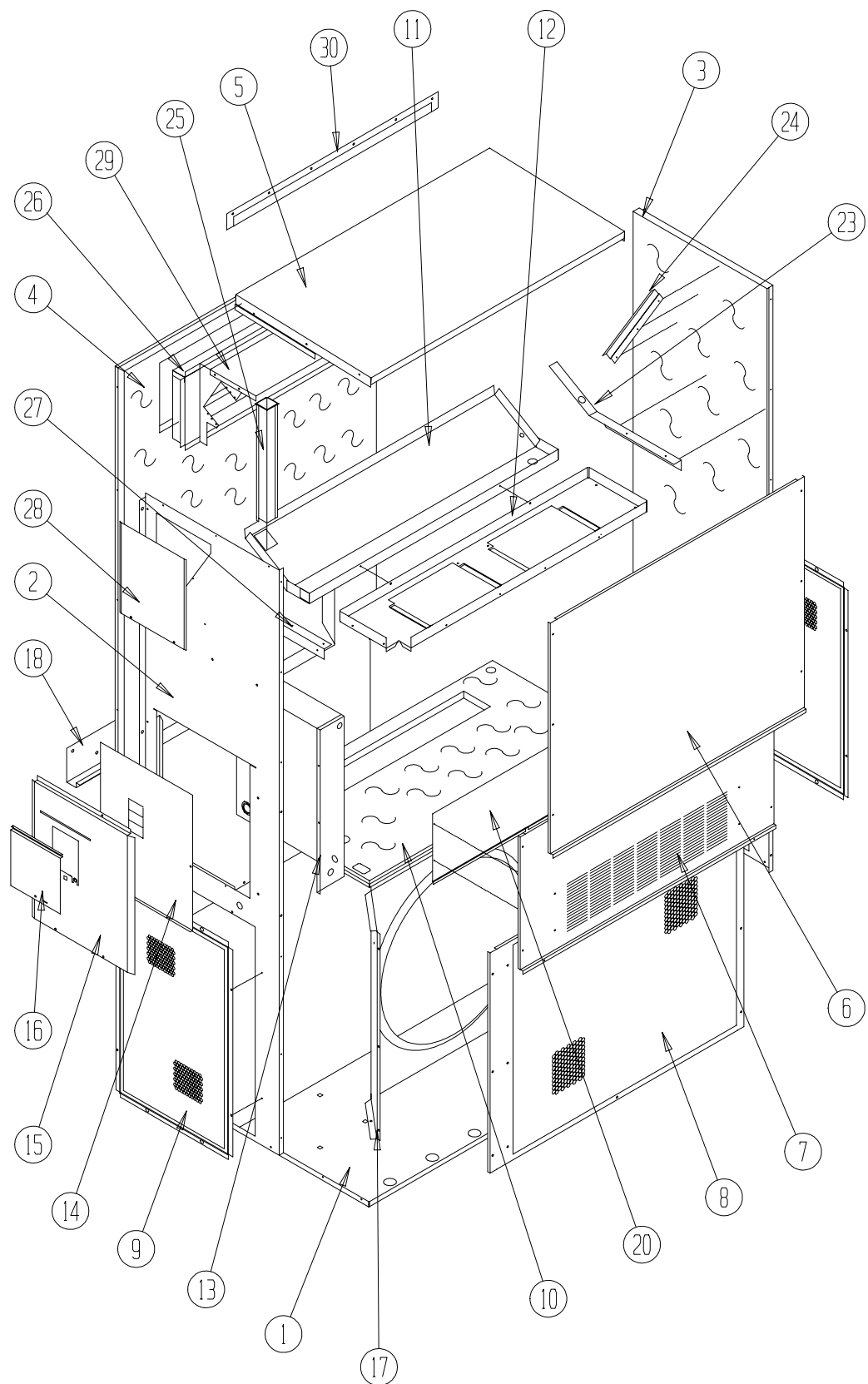
CLIMATE CONTROL SOLUTIONS

BARD MANUFACTURING COMPANY  
Bryan, Ohio 43506  
*Since 1914...Moving ahead, just as planned.*

Manual: 2110-471A  
Supersedes: 2110-471  
File: Tab 16  
Date: 09-01-03

# CABINET COMPONENTS

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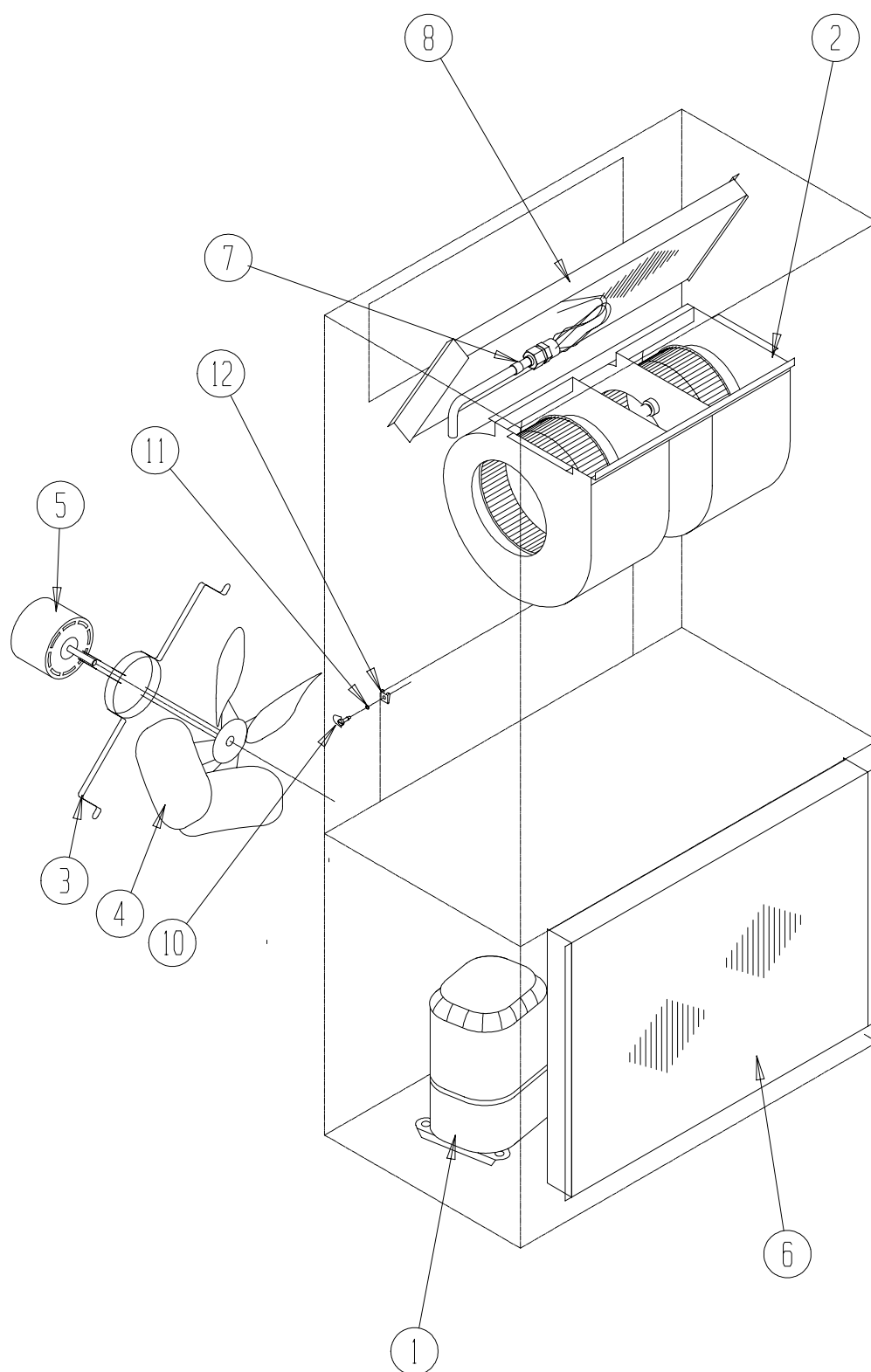
## CABINET COMPONENTS

| Drawing No. | Part No.            | Description                                       | WL7023A | WL7013B |
|-------------|---------------------|---------------------------------------------------|---------|---------|
| 1           | S127Y214            | Lower Base                                        | X       | X       |
| 2           | S500-368-* ①        | Left Side                                         | X       | X       |
| 3           | S500-367-* ①        | Right Side                                        | X       | X       |
| 4           | S508-159            | Back                                              | X       | X       |
| 5           | S506-142-* ①        | Top                                               | X       | X       |
| 6           | S514-077-* ①        | Upper Front                                       | X       | X       |
| 7           | S552-224-* ①        | Service Door                                      | X       | X       |
| 8           | 118-053-* ①         | Condenser Grille                                  | X       | X       |
| 9           | 118-058-* ①         | Side Grille                                       | 2       | 2       |
| 10          | 521Y333             | Condenser Partition                               | X       | X       |
| 11          | 123-091             | Drain Pan                                         | X       | X       |
| 12          | 121Y216             | Blower Partition                                  | X       | X       |
| 13          | Control Panel Assy. | See Control Panel Assembly Drawing and Parts List | X       | X       |
| 14          | S132-144            | Control Panel Cover (Inner)                       | X       | X       |
| 15          | S533-140-* ①        | Control Panel Cover (Outer)                       | X       | X       |
| 16          | S153-218-* ①        | Disconnect Access Door                            | X       | X       |
| 17          | 125-029             | Fan Shroud                                        | X       | X       |
| 18          | 113-140             | Bottom Mounting Bracket                           | X       | X       |
| 20          | BOP-5               | Blank Off Plate                                   | X       | X       |
| 23          | 105Y877             | Left Side Support                                 | X       | X       |
| 24          | 147-046             | Left Evaporator Support                           | X       | X       |
| 25          | 135-128             | Raceway                                           | 2       | 2       |
| 26          | 111Y030             | Outlet Airframe Assembly                          | X       |         |
| 27          | 105Y878             | Right Side Support                                | X       | X       |
| 28          | S143-042-* ①        | Right Side Cover Plate (Outer)                    | X       | X       |
| 29          | 135Y123             | Heat Shield                                       | X       | X       |
| 30          | 113-150-* ①         | Top Rain Flashing                                 | 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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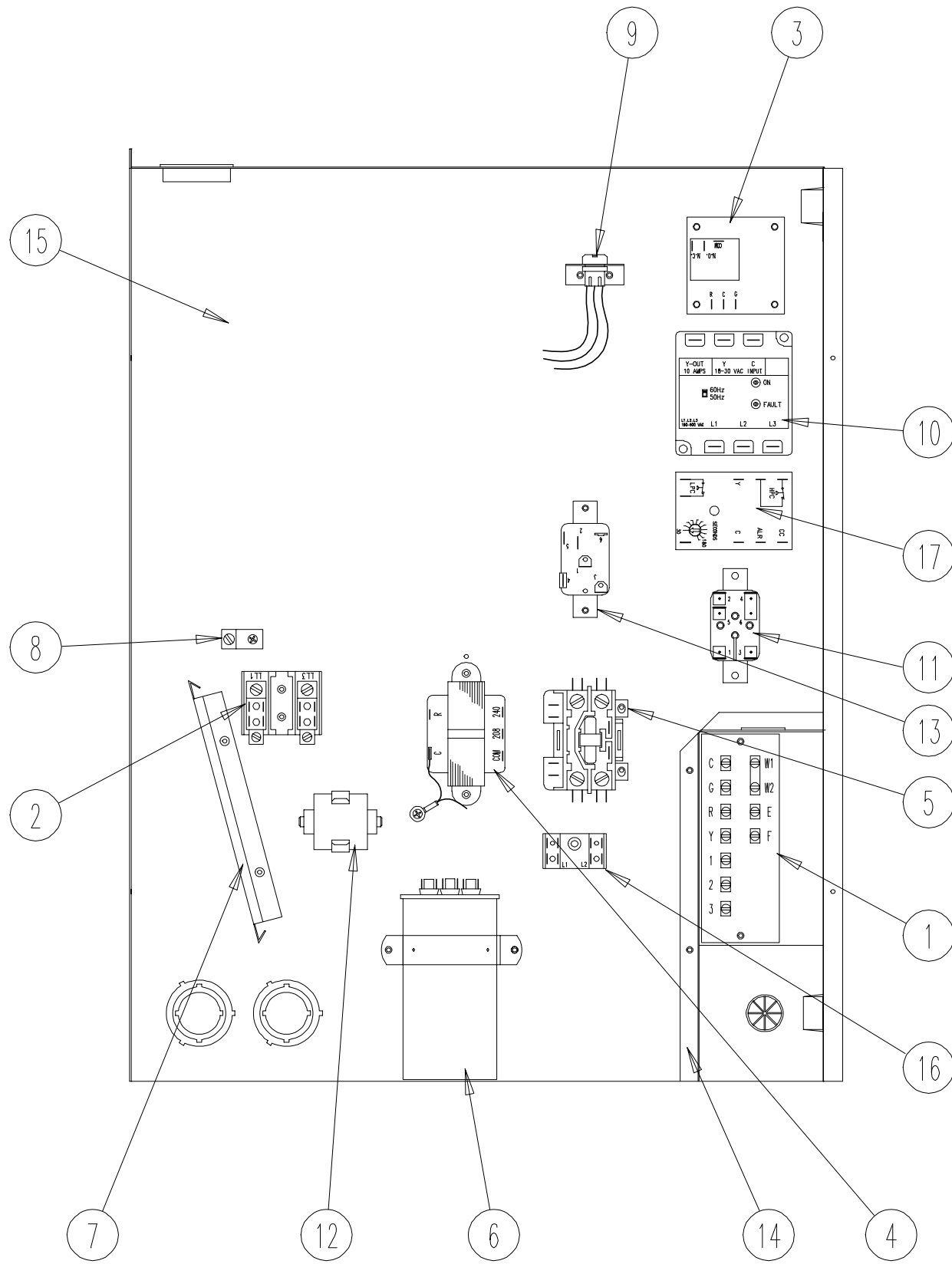
## FUNCTIONAL COMPONENTS

|             |           |                                | WL7023A | WL7013B |
|-------------|-----------|--------------------------------|---------|---------|
| Drawing No. | Part No.  | Description                    |         |         |
| 1           | 8000-264  | Compressor                     | X       |         |
| 1           | 8000-187  | Compressor                     |         | X       |
| 2           | S900-185  | Blower Assembly                | X       | X       |
| 3           | 8200-004  | Fan Motor Mount                | X       | X       |
| 4           | 5151-027  | Fan Blade                      | X       | X       |
| 5           | 8105-039  | Condenser Motor                | X       | X       |
| 6           | 5051-088  | Condenser Coil                 | X       | X       |
| 7           | 5651-131  | Expansion Valve                | X       | X       |
| 8           | 5060-082  | Evaporator Coil                | 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       |
| NS          | 1804-0106 | High Pressure Switch (Flare) ① | X       | X       |
| NS          | 1804-0107 | Low Pressure Switch (Flare) ①  | X       | X       |
| NS          | CMA-6     | Low Ambient Control (Flare) ①  | X       | X       |

NS = Not Shown

① = Optional

# CONTROL PANEL



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## CONTROL PANEL

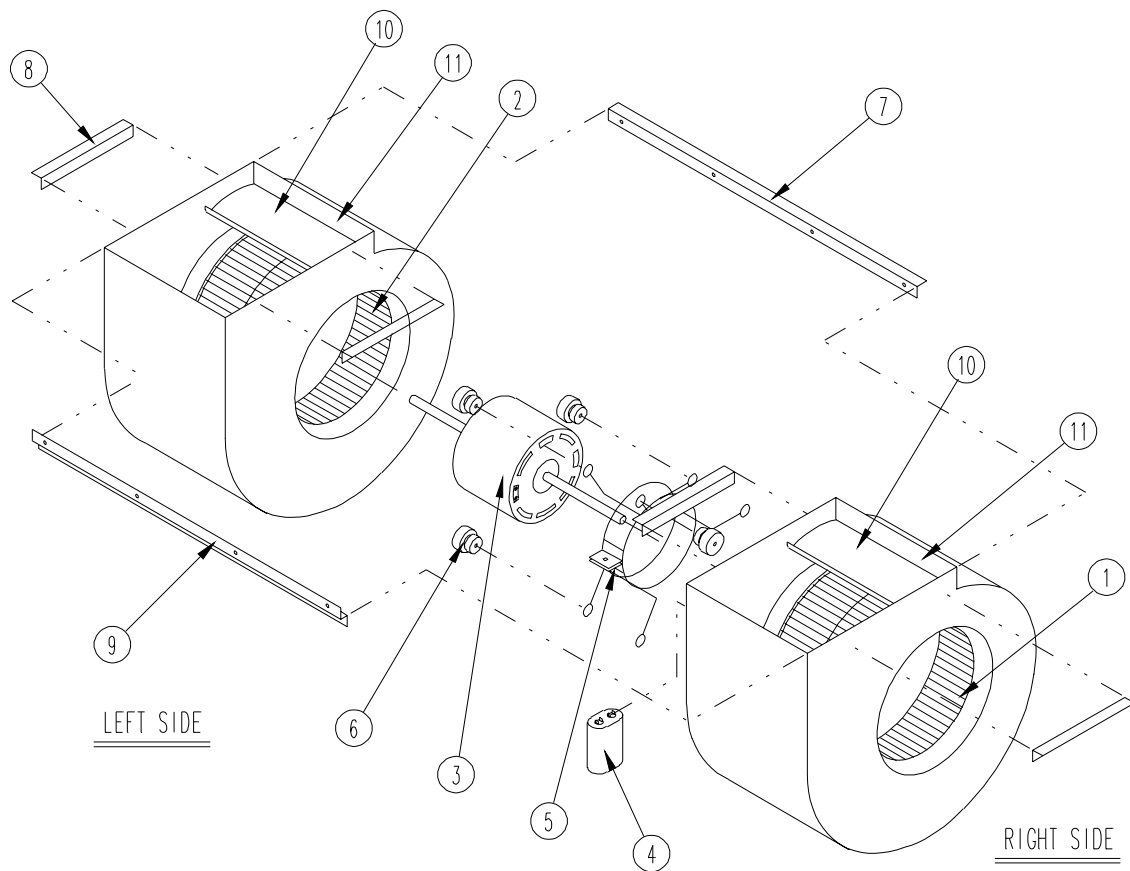
| Drawing<br>No. | Part No. | Description                | WL7023A | WL7013B |
|----------------|----------|----------------------------|---------|---------|
|                |          |                            |         |         |
| 1              | 8607-020 | Low Voltage Terminal Strip | X       | X       |
| 2              | 8607-013 | Terminal Block 2 Pole      | X       |         |
| 2              | 8607-014 | Terminal Block 3 Pole      |         | X       |
| 3              | 8201-056 | Blower Control             | X       | X       |
| 4              | 8407-034 | Transformer                | X       | X       |
| 5              | 8401-025 | Compressor Contactor       | X       |         |
| 5              | 8401-027 | Compressor Contactor       |         | X       |
| 6              | 8552-058 | Compressor Capacitor       | X       |         |
| 6              | 8552-005 | Outdoor Motor Capacitor    |         | X       |
| 7              | 135-122  | Wire Shield                | X       | X       |
| 8              | 8611-006 | Ground Terminal            | X       | X       |
| 9              | 3000-978 | 6 Pin Connector            | X       | X       |
| 10             | 8201-085 | Phase Monitor              |         | X       |
| 11             | 8201-062 | Alarm Relay (Optional)     | X       | X       |
| 12             | 8552-003 | Start Kit (Optional)       | X       |         |
| 13             | 8201-009 | Crankcase Heat Relay       | X       | X       |
| 14             | 117Y139  | Low Voltage Box            | X       | X       |
| 15             | 117Y143  | Control Panel              | X       | X       |
| 16             | 8607-017 | Terminal Block (Optional)  | X       | X       |
| 17             | 8201-088 | Compressor Control Module  | X       | X       |
| NS             | 4095-129 | Wiring Diagram             | X       |         |
| NS             | 4095-231 | Wiring Diagram             |         | X       |

NS = Not Shown

# BLOWER ASSEMBLY

S900-185

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



SEXP-178