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# REPLACEMENT PARTS MANUAL

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## MULTI-TEC® WALL-MOUNT AIR CONDITIONER

### *Part of the Bard Free Cooling Unit System*

Models:

|         |         |         |         |
|---------|---------|---------|---------|
| W42LAPA | W48LAPA | W60LBPA | W72LBPA |
| W42LAPB | W48LAPB | W60LBPB | W72LBPB |
| W42LAPC | W48LAPC | W60LBPC | W72LBPC |
| W42LAPF | W48LAPF | W60LBPF | W72LBPF |
|         | W48LAPQ | W60LBPQ | W72LBPQ |

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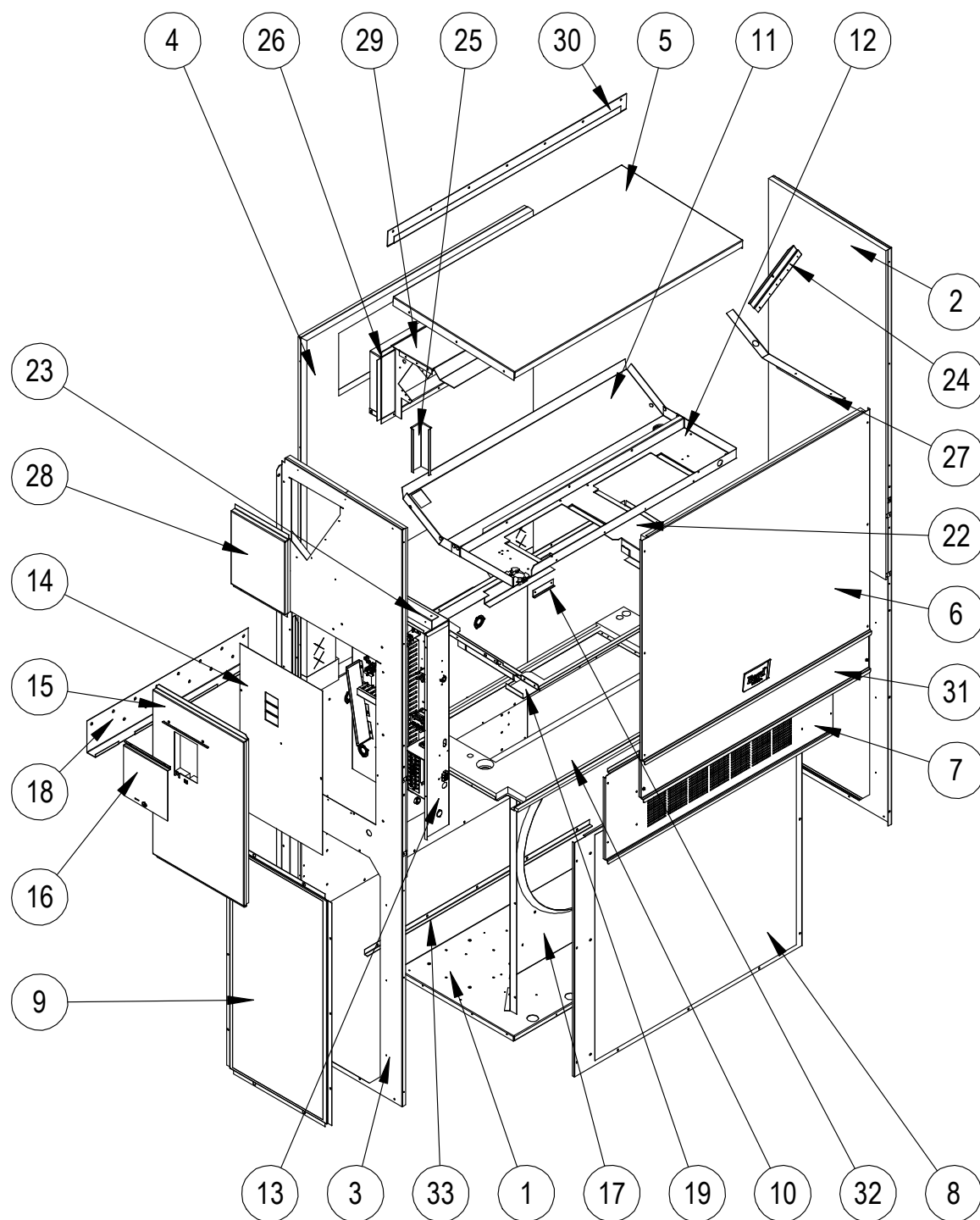
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| Control Panel          |       | <b>General Notes</b>                                                                                                                                                             |      |
| ♦ Layout View .....    | 8     | ➤ Revised and/or additional pages may be issued from time to time.                                                                                                               |      |
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Bryan, Ohio 43506  
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Manual: 2110-1439H  
Supersedes: 2110-1439G  
Date: 10-11-18

# CABINET COMPONENTS



SEXP-875

This drawing is referenced in tables on pages 3 and 4

# CABINET COMPONENTS

| Dwg No. | Part Number         | Description                                  | W42LAPA,B | W42LAPC,F | W48LAPA,B | W48LAPC,F | W48LAPQ |
|---------|---------------------|----------------------------------------------|-----------|-----------|-----------|-----------|---------|
| 1       | 127-554             | Lower Base                                   | X         | X         | X         | X         | X       |
| 1       | S527-558 ③          | Lower Base                                   | X         | X         | X         | X         | X       |
| 2       | S501-687-* ①        | Right Side                                   | X         | X         | X         | X         | X       |
| 2       | S501-713 ②          | Right Side                                   | X         | X         | X         | X         | X       |
| 2       | S501-1007 ③         | Right Side                                   | X         | X         | X         | X         | X       |
| 3       | S501-842-* ①        | Left Side                                    | X         | X         | X         | X         | X       |
| 3       | S501-927 ②          | Left Side                                    | X         | X         | X         | X         | X       |
| 3       | S501-1008 ③         | Left Side                                    | X         | X         | X         | X         | X       |
| 4       | S508-098            | Back                                         | X         | X         | X         | X         | X       |
| 4       | S508-275 ②          | Back                                         | X         | X         | X         | X         | X       |
| 4       | S508-395 ③          | Back                                         | X         | X         | X         | X         | X       |
| 5       | S507-307-* ①        | Top                                          | X         | X         | X         | X         | X       |
| 5       | S507-309 ②          | Top                                          | X         | X         | X         | X         | X       |
| 5       | S507-310 ③          | Top                                          | X         | X         | X         | X         | X       |
| 6       | S515-230-* ①        | Upper Front                                  | X         | X         | X         | X         | X       |
| 6       | S514-231 ②          | Upper Front                                  | X         | X         | X         | X         | X       |
| 6       | S515-232 ③          | Upper Front                                  | X         | X         | X         | X         | X       |
| 7       | S553-522-* ①        | Vent Option Door                             | X         | X         | X         | X         | X       |
| 7       | S553-525 ②          | Vent Option Door                             | X         | X         | X         | X         | X       |
| 7       | S553-527 ③          | Vent Option Door                             | X         | X         | X         | X         | X       |
| 8       | 118-049-* ①         | Condenser Grille                             | X         | X         | X         | X         | X       |
| 8       | 118-065 ②           | Condenser Grille                             | X         | X         | X         | X         | X       |
| 8       | 118-074 ③           | Condenser Grille                             | X         | X         | X         | X         | X       |
| 9       | 118-057-* ①         | Side Grille                                  | 2         | 2         | 2         | 2         | 2       |
| 9       | 118-063 ②           | Side Grille                                  | 2         | 2         | 2         | 2         | 2       |
| 9       | 118-073 ③           | Side Grille                                  | 2         | 2         | 2         | 2         | 2       |
| 10      | S521Y517            | Condenser Partition                          | X         | X         | X         | X         | X       |
| 10      | S521-563 ③          | Condenser Partition                          | X         | X         | X         | X         | X       |
| 11      | S123-121            | Drain Pan                                    | X         | X         | X         | X         | X       |
| 11      | S123-137 ②③         | Drain Pan                                    | X         | X         | X         | X         | X       |
| 12      | 121Y463             | Blower Partition                             | X         | X         | X         | X         | X       |
| 13      | Control Panel Assy. | See Control Panel Assy. Drawing & Parts List | X         | X         | X         | X         | X       |
| 14      | S133-277            | Control Panel Cover (Inner)                  | X         |           | X         |           |         |
| 14      | S133-278            | Control Panel Cover (Inner)                  |           | X         |           | X         | X       |
| 15      | S533-280-* ①        | Control Panel Cover (Outer)                  | X         | X         | X         | X         | X       |
| 15      | S533-273 ②          | Control Panel Cover (Outer)                  | X         | X         | X         | X         | X       |
| 15      | S533-274 ③          | Control Panel Cover (Outer)                  | X         | X         | X         | X         | X       |
| 16      | S153-218-* ①        | Disconnect Access Door                       | X         | X         | X         | X         | X       |
| 16      | S153-387 ②          | Disconnect Access Door                       | X         | X         | X         | X         | X       |
| 16      | S153-405 ③          | Disconnect Access Door                       | X         | X         | X         | X         | X       |
| 17      | 125-024             | Fan Shroud                                   | X         | X         | X         | X         | X       |
| 17      | 125-058 ③           | Fan Shroud                                   | X         | X         | X         | X         | X       |
| 18      | 113-140             | Bottom Mounting Bracket                      | X         | X         | X         | X         | X       |
| 19      | 137-209             | Fill                                         | X         | X         | X         | X         | X       |
| 22      | 131Y099             | Filter Tray                                  | X         | X         | X         | X         | X       |
| 23      | 105Y878             | Left Side Support                            | X         | X         | X         | X         | X       |
| 24      | 147-046             | Left Evaporator Support                      | X         | X         | X         | X         | X       |
| 25      | 135-377             | Raceway                                      | 2         | 2         | 2         | 2         | 2       |
| 26      | S111Y034            | Outlet Air Frame Assembly                    | X         | X         | X         | X         | X       |
| 27      | 105Y877             | Right Side Support                           | X         | X         | X         | X         | X       |
| 28      | S543-172-* ①        | Right Side Cover Plate (Outer)               | X         | X         | X         | X         | X       |
| 28      | S543-176 ②          | Right Side Cover Plate (Outer)               | X         | X         | X         | X         | X       |
| 28      | S543-177 ③          | Right Side Cover Plate (Outer)               | X         | X         | X         | X         | X       |
| 29      | 135-129             | Heat Shield                                  | X         | X         | X         | X         | X       |
| 30      | 113-150-* ①         | Top Rain Flashing                            | X         | X         | X         | X         | X       |
| 30      | 113-359 ③           | Top Rain Flashing                            | X         | X         | X         | X         | X       |
| 31      | S553-521-* ①        | Filter Door Assembly                         | X         | X         | X         | X         | X       |
| 31      | S553-526 ②          | Filter Door Assembly                         | X         | X         | X         | X         | X       |
| 31      | S553-708 ③          | Filter Door Assembly                         | X         | X         | X         | X         | X       |
| 32      | 105-1302            | Grommet Retainer                             | X         | X         | X         | X         | X       |
| 33      | 105-1324            | Close Off Angle                              | X         | X         | X         | X         | X       |
| NS      | BOP-5               | Blank Off Plate                              | X         | X         | X         | X         | X       |
| NS      | S536-804            | Cond. Partition Block Off Plate              | X         | X         | X         | X         | X       |
| NS      | 536-881 ③           | Cond. Partition Block Off Plate              | X         | X         | X         | X         | X       |

① Exterior cabinet parts are manufactured with various paint color options. To ensure the proper paint color is received, include the complete model and serial number of the unit for which cabinet parts are being ordered.

② Exterior cabinet parts are manufactured from aluminum Code "A"

NS – Not Shown

③ Exterior cabinet parts are manufactured from stainless steel Code "S"

# CABINET COMPONENTS

| Dwg No. | Part Number         | Description                                  | W60LBPA,B | W60LBP,C,F | W60LBPA | W72LBPA,B | W72LBP,C,F | W72LBPA |
|---------|---------------------|----------------------------------------------|-----------|------------|---------|-----------|------------|---------|
| 1       | 127-554             | Lower Base                                   | X         | X          | X       | X         | X          | X       |
| 1       | S527-558 ③          | Lower Base                                   | X         | X          | X       | X         | X          | X       |
| 2       | S501-912-* ①        | Right Side                                   | X         | X          | X       | X         | X          | X       |
| 2       | S501-932 ②          | Right Side                                   | X         | X          | X       | X         | X          | X       |
| 2       | S501-1011 ③         | Right Side                                   | X         | X          | X       | X         | X          | X       |
| 3       | S501-843-* ①        | Left Side                                    | X         | X          | X       | X         | X          | X       |
| 3       | S501-930 ②          | Left Side                                    | X         | X          | X       | X         | X          | X       |
| 3       | S501-1012 ③         | Left Side                                    | X         | X          | X       | X         | X          | X       |
| 4       | S508-251            | Back                                         | X         | X          | X       | X         | X          | X       |
| 4       | S508-252 ②          | Back                                         | X         | X          | X       | X         | X          | X       |
| 4       | S508-396 ③          | Back                                         | X         | X          | X       | X         | X          | X       |
| 5       | S507-307-* ①        | Top                                          | X         | X          | X       | X         | X          | X       |
| 5       | S507-309 ②          | Top                                          | X         | X          | X       | X         | X          | X       |
| 5       | S507-310 ③          | Top                                          | X         | X          | X       | X         | X          | X       |
| 6       | S515-246-* ①        | Upper Front                                  | X         | X          | X       | X         | X          | X       |
| 6       | S515-280 ②          | Upper Front                                  | X         | X          | X       | X         | X          | X       |
| 6       | S515-253 ③          | Upper Front                                  | X         | X          | X       | X         | X          | X       |
| 7       | S553-522-* ①        | Vent Option Door                             | X         | X          | X       | X         | X          | X       |
| 7       | S553-525 ②          | Vent Option Door                             | X         | X          | X       | X         | X          | X       |
| 7       | S553-527 ③          | Vent Option Door                             | X         | X          | X       | X         | X          | X       |
| 8       | 118-094-* ①         | Condenser Grille                             | X         | X          | X       | X         | X          | X       |
| 8       | 118-100 ②           | Condenser Grille                             | X         | X          | X       | X         | X          | X       |
| 8       | 118-099 ③           | Condenser Grille                             | X         | X          | X       | X         | X          | X       |
| 9       | 118-086-* ①         | Side Grille                                  | 2         | 2          | 2       | 2         | 2          | 2       |
| 9       | 118-088 ②           | Side Grille                                  | 2         | 2          | 2       | 2         | 2          | 2       |
| 9       | 118-090 ③           | Side Grille                                  | 2         | 2          | 2       | 2         | 2          | 2       |
| 10      | S521Y517            | Condenser Partition                          | X         | X          | X       | X         | X          | X       |
| 10      | S521-563 ③          | Condenser Partition                          | X         | X          | X       | X         | X          | X       |
| 11      | S123-121            | Drain Pan                                    | X         | X          | X       | X         | X          | X       |
| 11      | S123-137 ②③         | Drain Pan                                    | X         | X          | X       | X         | X          | X       |
| 12      | 121Y463             | Blower Partition                             | X         | X          | X       | X         | X          | X       |
| 13      | Control Panel Assy. | See Control Panel Assy. Drawing & Parts List | X         | X          | X       | X         | X          | X       |
| 14      | S133-277            | Control Panel Cover (Inner)                  | X         |            |         | X         |            |         |
| 14      | S133-278            | Control Panel Cover (Inner)                  |           | X          | X       |           | X          | X       |
| 15      | S533-280-* ①        | Control Panel Cover (Outer)                  | X         | X          | X       | X         | X          | X       |
| 15      | S533-273 ②          | Control Panel Cover (Outer)                  | X         | X          | X       | X         | X          | X       |
| 15      | S533-274 ③          | Control Panel Cover (Outer)                  | X         | X          | X       | X         | X          | X       |
| 16      | S153-218-* ①        | Disconnect Access Door                       | X         | X          | X       | X         | X          | X       |
| 16      | S153-387 ②          | Disconnect Access Door                       | X         | X          | X       | X         | X          | X       |
| 16      | S153-405 ③          | Disconnect Access Door                       | X         | X          | X       | X         | X          | X       |
| 17      | 125-070             | Fan Shroud                                   | X         | X          | X       |           |            |         |
| 17      | 125-079 ③           | Fan Shroud                                   | X         | X          | X       | X         | X          | X       |
| 17      | 125-084             | Fan Shroud                                   |           |            |         | X         | X          | X       |
| 18      | 113-140             | Bottom Mounting Bracket                      | X         | X          | X       | X         | X          | X       |
| 19      | 137-209             | Fill                                         | X         | X          | X       | X         | X          | X       |
| 22      | 131Y099             | Filter Tray                                  | X         | X          | X       | X         | X          | X       |
| 23      | 105Y878             | Left Side Support                            | X         | X          | X       | X         | X          | X       |
| 24      | 147-046             | Left Evaporator Support                      | X         | X          | X       | X         | X          | X       |
| 25      | 135-377             | Raceway                                      | 2         | 2          | 2       | 2         | 2          | 2       |
| 26      | S111Y034            | Outlet Air Frame Assembly                    | X         | X          | X       | X         | X          | X       |
| 27      | 105Y877             | Right Side Support                           | X         | X          | X       | X         | X          | X       |
| 28      | S543-172-* ①        | Right Side Cover Plate (Outer)               | X         | X          | X       | X         | X          | X       |
| 28      | S543-176 ②          | Right Side Cover Plate (Outer)               | X         | X          | X       | X         | X          | X       |
| 28      | S543-177 ③          | Right Side Cover Plate (Outer)               | X         | X          | X       | X         | X          | X       |
| 29      | 135-129             | Heat Shield                                  | X         | X          | X       | X         | X          | X       |
| 30      | 113-150-* ①         | Top Rain Flashing                            | X         | X          | X       | X         | X          | X       |
| 30      | 113-359 ③           | Top Rain Flashing                            | X         | X          | X       | X         | X          | X       |
| 31      | S553-521-* ①        | Filter Door Assembly                         | X         | X          | X       | X         | X          | X       |
| 31      | S553-526 ②          | Filter Door Assembly                         | X         | X          | X       | X         | X          | X       |
| 31      | S553-708 ③          | Filter Door Assembly                         | X         | X          | X       | X         | X          | X       |
| 32      | 105-1302            | Grommet Retainer                             | X         | X          | X       | X         | X          | X       |
| 33      | 105-1324            | Close Off Angle                              | X         | X          | X       | X         | X          | X       |
| NS      | BOP-5               | Blank Off Plate                              | X         | X          | X       | X         | X          | X       |
| NS      | S536-804            | Cond. Partition Block Off Plate              | X         | X          | X       | X         | X          | X       |
| NS      | 536-881 ③           | Cond. Partition Block Off Plate              | X         | X          | X       | X         | X          | X       |

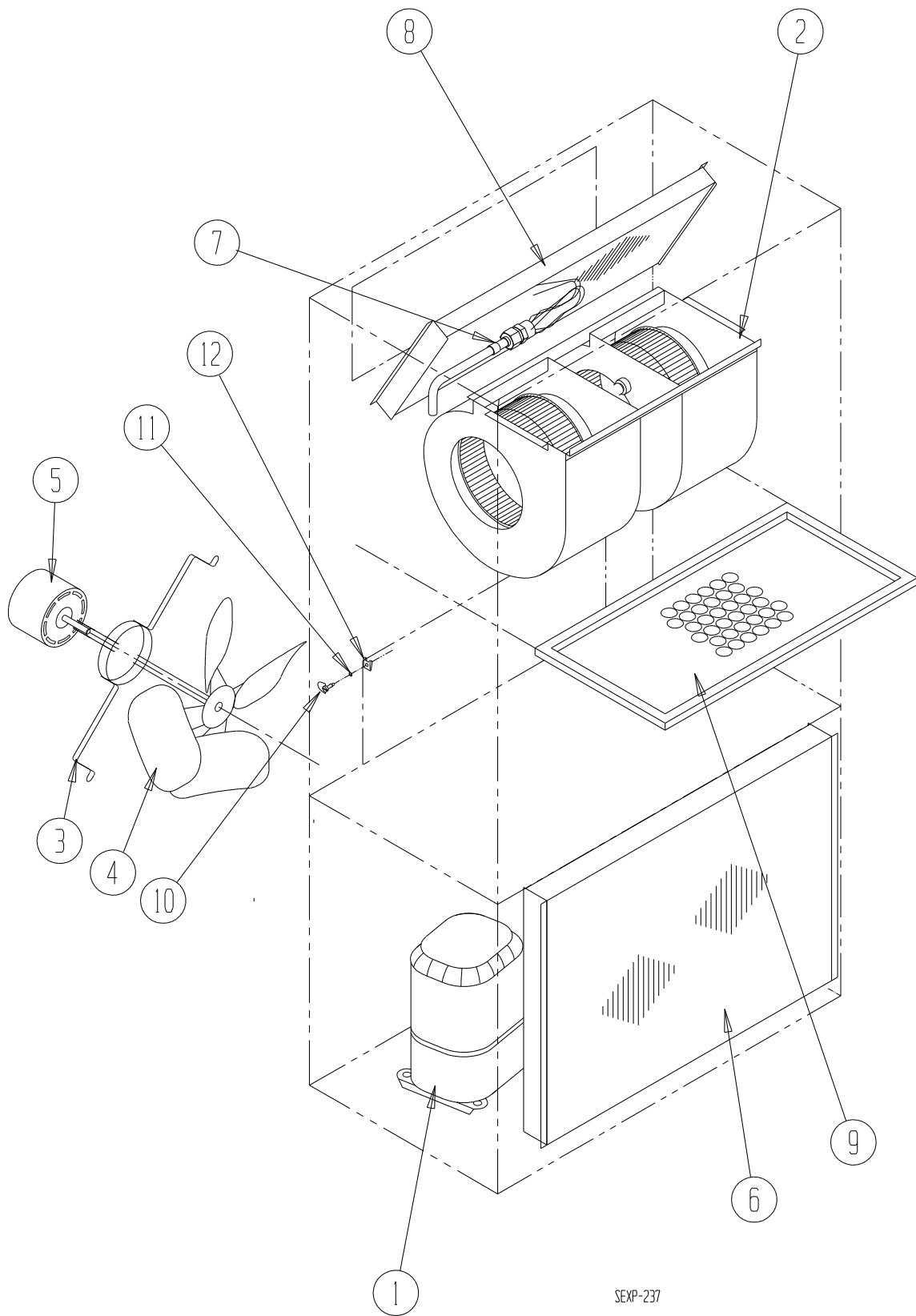
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② Exterior cabinet parts are manufactured from aluminum Code "A"

NS – Not Shown

③ Exterior cabinet parts are manufactured from stainless steel Code "S"

# FUNCTIONAL COMPONENTS



This drawing is referenced in tables on pages 6 and 7

# FUNCTIONAL COMPONENTS

| Dwg No. | Part Number | Description                        | W42LAPA | W42LAPB | W42LAPC | W42LAPF | W48LAPA | W48LAPB | W48LAPC | W48LAPF | W48LAPQ | W60LBPA | W60LBPB | W60LBPC | W60LBPF | W60LB PQ |
|---------|-------------|------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| 1       | 8000-349    | Compressor                         | X       |         |         |         |         |         |         |         |         |         |         |         |         |          |
| 1       | 8000-350    | Compressor                         |         | X       |         |         |         |         |         |         |         |         |         |         |         |          |
| 1       | 8000-351    | Compressor                         |         |         | X       | X       |         |         |         |         |         |         |         |         |         |          |
| 1       | 8000-343    | Compressor                         |         |         |         |         | X       |         |         |         |         |         |         |         |         |          |
| 1       | 8000-344    | Compressor                         |         |         |         |         |         | X       |         |         |         |         |         |         |         |          |
| 1       | 8000-345    | Compressor                         |         |         |         |         |         |         | X       | X       |         |         |         |         |         |          |
| 1       | 8000-427    | Compressor                         |         |         |         |         |         |         |         |         | X       |         |         |         |         |          |
| 1       | 8000-324    | Compressor                         |         |         |         |         |         |         |         |         |         | X       |         |         |         |          |
| 1       | 8000-325    | Compressor                         |         |         |         |         |         |         |         |         |         |         | X       |         |         |          |
| 1       | 8000-326    | Compressor                         |         |         |         |         |         |         |         |         |         |         |         | X       | X       |          |
| 1       | 8000-428    | Compressor                         |         |         |         |         |         |         |         |         |         |         |         |         |         | X        |
| 2       | S900-320    | Blower Assembly                    | X       | X       |         | X       | X       | X       |         | X       | X       |         |         |         |         |          |
| 2       | S900-321    | Blower Assembly                    |         |         | X       |         |         |         | X       |         |         |         |         |         |         |          |
| 2       | S900-185    | Blower Assembly                    |         |         |         |         |         |         |         |         |         | X       | X       |         | X       | X        |
| 2       | S900-186    | Blower Assembly                    |         |         |         |         |         |         |         |         |         |         |         | X       |         |          |
| 3       | 8200-004    | Fan Motor Mount                    | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X        |
| 3       | 8200-051 ①  | Stainless Steel Fan Motor Mount    | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X        |
| 4       | 5151-060    | Fan Blade                          | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X        |
| 4       | 5151C060 ①  | Coated Fan Blade                   | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X        |
| 5       | 8105-030    | Condenser Motor                    |         |         | X       |         |         |         | X       |         |         |         |         | X       |         |          |
| 5       | 8105-066    | Condenser Motor                    | X       | X       |         |         | X       | X       |         |         | X       | X       | X       |         |         | X        |
| 5       | 8105-039    | Condenser Motor                    |         |         |         | X       |         |         |         | X       |         |         |         |         | X       |          |
| 6       | 5051-200BX  | Condenser Coil                     | X       | X       | X       | X       |         |         |         |         |         |         |         |         |         |          |
| 6       | 5054-200BX  | Condenser Coil - Coated            | X       | X       | X       | X       |         |         |         |         |         |         |         |         |         |          |
| 6       | 5051-198BX  | Condenser Coil                     |         |         |         |         |         |         |         |         |         | X       | X       | X       | X       | X        |
| 6       | 5054-198BX  | Condenser Coil - Coated            |         |         |         |         |         |         |         |         |         | X       | X       | X       | X       | X        |
| 6       | 5051-199BX  | Condenser Coil                     |         |         |         |         | X       | X       | X       | X       | X       |         |         |         |         |          |
| 6       | 5054-199BX  | Condenser Coil - Coated            |         |         |         |         | X       | X       | X       | X       | X       |         |         |         |         |          |
| 7       | 800-0452    | Distributor Assembly               | X       | X       | X       | X       |         |         |         |         |         |         |         |         |         |          |
| 7       | 800-0451    | Distributor Assembly               |         |         |         |         | X       | X       | X       | X       | X       |         |         |         |         |          |
| 7       | 800-0453    | Distributor Assembly               |         |         |         |         |         |         |         |         |         | X       | X       | X       | X       | X        |
| 8       | 917-0256BX  | Evaporator Coil                    |         |         |         |         | X       | X       | X       | X       | X       |         |         |         |         |          |
| 8       | 917-0266BX  | Evaporator Coil - Coated           |         |         |         |         | X       | X       | X       | X       | X       |         |         |         |         |          |
| 8       | 917-0257BX  | Evaporator Coil                    |         |         |         |         |         |         |         |         |         | X       | X       | X       | X       | X        |
| 8       | 917-0268BX  | Evaporator Coil - Coated           |         |         |         |         |         |         |         |         |         | X       | X       | X       | X       | X        |
| 8       | 917-0255BX  | Evaporator Coil                    | X       | X       | X       | X       |         |         |         |         |         |         |         |         |         |          |
| 8       | 917-0265BX  | Evaporator Coil - Coated           | X       | X       | X       | X       |         |         |         |         |         |         |         |         |         |          |
| 9       | 7004-016    | Air Filter 1" Throw-Away (20x30x1) | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X        |
| 9       | 7003-030    | Air Filter 1" Washable (20x30x1)   | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X        |
| 9       | 7004-027    | Air Filter 2" Pleated (20x30x2)    | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X        |
| 10      | 1171-022    | 1/4 Turn Fastener                  | X       | X       | X       | X       | 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       | X       | X       | X       | X        |
| 12      | 1171-023    | 1/4 Receptacle                     | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X        |
| NS      | 5201-022    | Filter Drier                       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X        |
| NS      | CMA-28      | Low Ambient Control ②              | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X        |
| NS      | 8406-142    | High Pressure Switch               | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X        |
| NS      | 8406-140    | Low Pressure Switch                | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X        |
| NS      | 5451-024    | Tubing Isolation Grommet           | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2        |
| NS      | 6031-009    | Coremax Valve Core                 | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2        |
| NS      | 1171-028    | Filter Door Clip                   | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2        |
| NS      | 1171-057    | Filter Door Screw                  | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2        |
| NS      | 1171-027    | Filter Door Screw Retainer         | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2       | 2        |
| NS      | 8605-017    | Crankcase Heater                   | X       | X       |         | X       | X       | X       |         | X       |         | X       | X       |         | X       |          |
| NS      | 8605-018    | Crankcase Heater                   |         |         | X       |         |         |         | X       |         |         |         |         | X       |         |          |
| NS      | 8605-021    | Crankcase Heater 575V              |         |         |         |         |         |         |         |         | X       |         |         |         |         | X        |

NS – Not Shown

① – Used with stainless steel cabinet option

② – Optional on these models

## FUNCTIONAL COMPONENTS

| Dwg No. | Part Number  | Description                        | W72LBPA | W72LBPB | W72LBPC | W72LBPF | W72LB PQ |
|---------|--------------|------------------------------------|---------|---------|---------|---------|----------|
| 1       | 8000-403     | Compressor                         | X       |         |         |         |          |
| 1       | 8000-404     | Compressor                         |         | X       |         |         |          |
| 1       | 8000-405     | Compressor                         |         |         | X       | X       |          |
| 1       | 8000-418     | Compressor                         |         |         |         |         | X        |
| 2       | S900-348-001 | Blower Assembly                    | X       | X       |         | X       | X        |
| 2       | S900-349-001 | Blower Assembly                    |         |         | X       |         |          |
| 3       | 8200-049     | Fan Motor Mount                    | X       | X       | X       | X       | X        |
| 3       | 8200-052 ①   | Stainless Steel Fan Motor Mount    | X       | X       | X       | X       | X        |
| 4       | 5151-063     | Fan Blade                          | X       | X       | X       | X       | X        |
| 4       | 5151C063 ①   | Coated Fan Blade                   | X       | X       | X       | X       | X        |
| 5       | 8106-067     | Condenser Motor                    |         |         | X       |         |          |
| 5       | 8106-016     | Condenser Motor                    | X       | X       |         | X       | X        |
| 6       | 5051-197BX   | Condenser Coil                     | X       | X       | X       | X       | X        |
| 6       | 5054-197BX   | Condenser Coil - Coated            | X       | X       | X       | X       | X        |
| 7       | 800-0454     | Distributor Assembly               | X       | X       | X       | X       | X        |
| 8       | 917-0347BX   | Evaporator Coil                    | X       | X       | X       | X       | X        |
| 8       | 917-0348BX   | Evaporator Coil - Coated           | X       | X       | X       | X       | X        |
| 9       | 7004-016     | Air Filter 1" Throw-Away (20x30x1) | X       | X       | X       | X       | X        |
| 9       | 7003-030     | Air Filter 1" Washable (20x30x1)   | X       | X       | X       | X       | X        |
| 9       | 7004-027     | Air Filter 2" Pleated (20x30x2)    | X       | X       | X       | X       | X        |
| 10      | 1171-022     | 1/4 Turn Fastener                  | X       | X       | X       | X       | X        |
| 11      | 1171-024     | 1/4 Turn Retainer                  | X       | X       | X       | X       | X        |
| 12      | 1171-023     | 1/4 Receptacle                     | X       | X       | X       | X       | X        |
| NS      | 5201-022     | Filter Drier                       | X       | X       | X       | X       | X        |
| NS      | CMA-28       | Low Ambient Control (Flare) ②      | X       | X       | X       | X       | X        |
| NS      | 8406-142     | High Pressure Switch               | X       | X       | X       | X       | X        |
| NS      | 8406-140     | Low Pressure Switch                | X       | X       | X       | X       | X        |
| NS      | 5451-024     | Tubing Isolation Grommet           | 2       | 2       | 2       | 2       | 2        |
| NS      | CMC-29       | Freeze Thermostat Kit              | X       | X       | X       | X       | X        |
| NS      | 6031-009     | Coremax Valve Core                 | 2       | 2       | 2       | 2       | 2        |
| NS      | 1171-028     | Filter Door Clip                   | 2       | 2       | 2       | 2       | 2        |
| NS      | 1171-057     | Filter Door Screw                  | 2       | 2       | 2       | 2       | 2        |
| NS      | 1171-027     | Filter Door Screw Retainer         | 2       | 2       | 2       | 2       | 2        |
| NS      | 8605-017     | Crankcase Heater                   | X       | X       |         | X       |          |
| NS      | 8605-018     | Crankcase Heater                   |         |         | X       |         |          |
| NS      | 8605-021     | Crankcase Heater 575V              |         |         |         |         | X        |

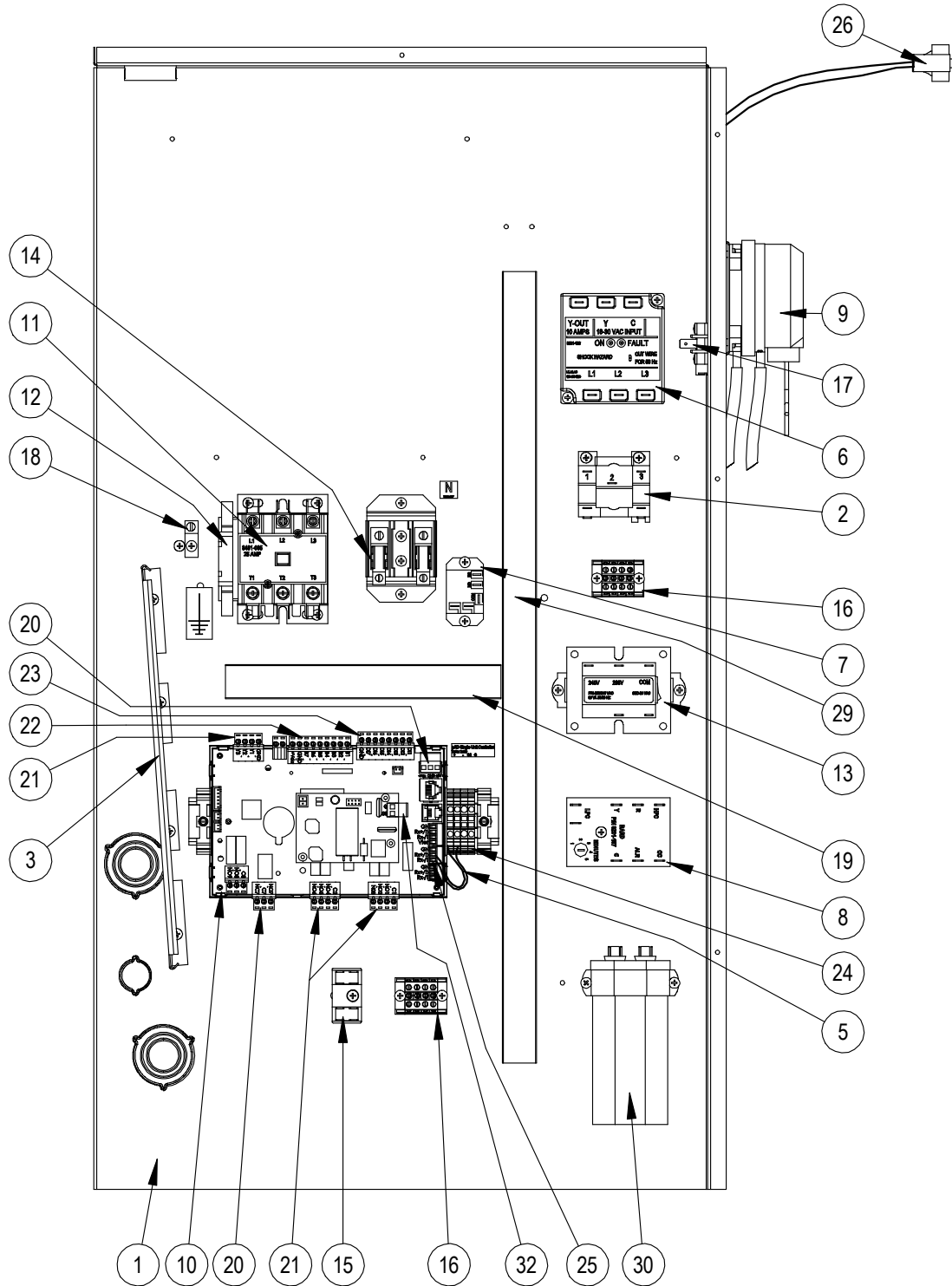
NS – Not Shown

① – Used with stainless steel cabinet option

② – Optional on these models

This table references drawing on page 5

# CONTROL PANEL



This drawing is referenced in tables on pages 9 and 10

SEXP-876

# CONTROL PANEL

| Dwg No. | Part Number   | Description                           | W42LAPA | W42LAPB | W42LAPC | W42LAPF | W48LAPA | W48LAPB | W48LAPC | W48LAPF | W48LAPQ | W60LBPA | W60LBPB | W60LBPC | W60LBPF | W60LBPQ |
|---------|---------------|---------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1       | 517Y393       | Control Panel Assembly                | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       |         | X       | X       | X       |
| 2       | 8201-032      | Blower Relay                          | X       | X       | X       | X       | X       | X       | X       | X       | 2       | X       | X       | X       | X       | 2       |
| 3       | 135-122       | Wire Shield                           | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       |
| 5       | 3020-004      | 12" 2 Conductor Sheathed Cable        | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       |
| 6       | 8201-126      | 3 Phase Line Monitor 50/60 Hz         |         | X       | X       | X       |         | X       | X       | X       | X       |         | X       | X       | X       | X       |
| 7       | 8201-130      | Alarm Relay                           | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       |
| 8       | 8201-164      | Compressor Control Module             | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       |
| 9       | 8301-057      | Filter Switch w/Adjustment            | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       |
| 10      | 8301-068-001* | UPC3-MULTI-TEC 2.0.0                  | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       |
| 11      | 8401-035      | Contactor 3-Pole 25 Amp               |         | X       | X       | X       |         | X       | X       | X       | X       |         | X       | X       | X       | X       |
| 11      | 8401-038      | Contactor 2-Pole 40 Amp               | X       |         |         |         | X       |         |         |         |         | X       |         |         |         |         |
| 12      | 8401-042      | Aux. NC Contact                       |         | X       | X       | X       |         | X       | X       | X       | X       |         | X       | X       | X       | X       |
| 13      | 8407-048      | Transformer 208/240-24 75VA           | X       | X       |         | X       | X       | X       |         | X       |         | X       | X       |         | X       |         |
| 13      | 8407-050      | Transformer 480/24VAC 75VA            |         |         | X       |         |         | X       |         |         |         |         |         | X       |         |         |
| 13      | 8407-066      | Transformer 575/230V 2KVA             |         |         |         |         |         |         |         |         | X       |         |         |         |         | X       |
| 14      | 8607-013      | Terminal Block 2 Term. 240V           |         |         |         | X       |         |         |         | X       |         |         |         |         | X       |         |
| 15      | 8607-017      | Terminal Block 240V 2 Terminal        | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       |
| 16      | 8607-037      | Terminal Block 4 Position             | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       |
| 17      | 8607-041      | Park Terminal                         | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       |
| 18      | 8611-006      | Ground Terminal                       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       |
| 19      | 8611-140-0800 | 2-1/4" x 1" Cable Duct x 8"           | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       |
| 20      | 8611-147      | 3-Pin Circuit Board Connector         | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       |
| 21      | 8611-148      | 4-Pin Circuit Board Connector         | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       |
| 22      | 8611-149      | 9-Pin Circuit Board Connector         | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       |
| 23      | 8611-185      | 8-Pin Circuit Board Connector         | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       |
| 24      | 8611-150      | Term. Block for DIN Rail RS485        | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       |
| 25      | 8611-192      | Small 3-Pin Circuit Board Connector   | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       |
| 26      | 910-1935      | Evap. Temp. Sensor Assembly           | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       |
| 29      | 8611-139-2300 | 1-1/2" X 1-1/2" Cable Duct X 23"      | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       |
| 30      | 8552-079      | Compressor Capacitor                  | X       |         |         |         |         |         |         |         |         |         |         |         |         |         |
| 30      | 8552-005      | Outdoor Motor Capacitor               |         | X       |         | X       |         | X       |         | X       | X       |         | X       |         | X       | X       |
| 30      | 8552-026      | Outdoor Motor Capacitor               |         |         | X       |         |         | X       |         |         |         |         | X       |         |         |         |
| 30      | 8552-058      | Compressor Capacitor                  |         |         |         |         |         |         |         |         |         | X       |         |         |         |         |
| 30      | 8552-089      | Compressor Capacitor                  |         |         |         |         | X       |         |         |         |         |         |         |         |         |         |
| 32      | 8611-183      | 2-Pin Circuit Board Connector         | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       |
| NS      | 3000-1222     | Compressor Plug/Harness Wire Assembly | X       |         |         |         | X       |         |         |         |         | X       |         |         |         |         |
| NS      | 3000-1230     | Compressor Plug/Harness Wire Assembly |         | X       | X       | X       |         | X       | X       | X       | X       |         | X       | X       | X       | X       |
| NS      | 8301-075      | USB Micro Cable Female to Male        | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       | X       |
| NS      | 4207-100      | Wiring Diagram                        | X       |         |         |         | X       |         |         |         |         | X       |         |         |         |         |
| NS      | 4207-200      | Wiring Diagram                        |         | X       |         |         |         | X       |         |         |         |         | X       |         |         |         |
| NS      | 4207-300      | Wiring Diagram                        |         |         | X       |         |         |         | X       |         |         |         |         | X       |         |         |
| NS      | 4207-600      | Wiring Diagram                        |         |         |         | X       |         |         |         | X       |         |         |         |         | X       |         |
| NS      | 4207-703      | Wiring Diagram                        |         |         |         |         |         |         |         |         | X       |         |         |         |         | X       |

\* Replacement part will have a letter attached to the end of the part number to designate software version (Example: 8301-068-001A).  
A software upgrade of all PLCs onsite (units and controllers) should accompany any PLC replacement. Latest revisions of software, change log and instructions are available on the Bard website at <http://www.bardhvac.com/software-download/>

NS = Not Shown

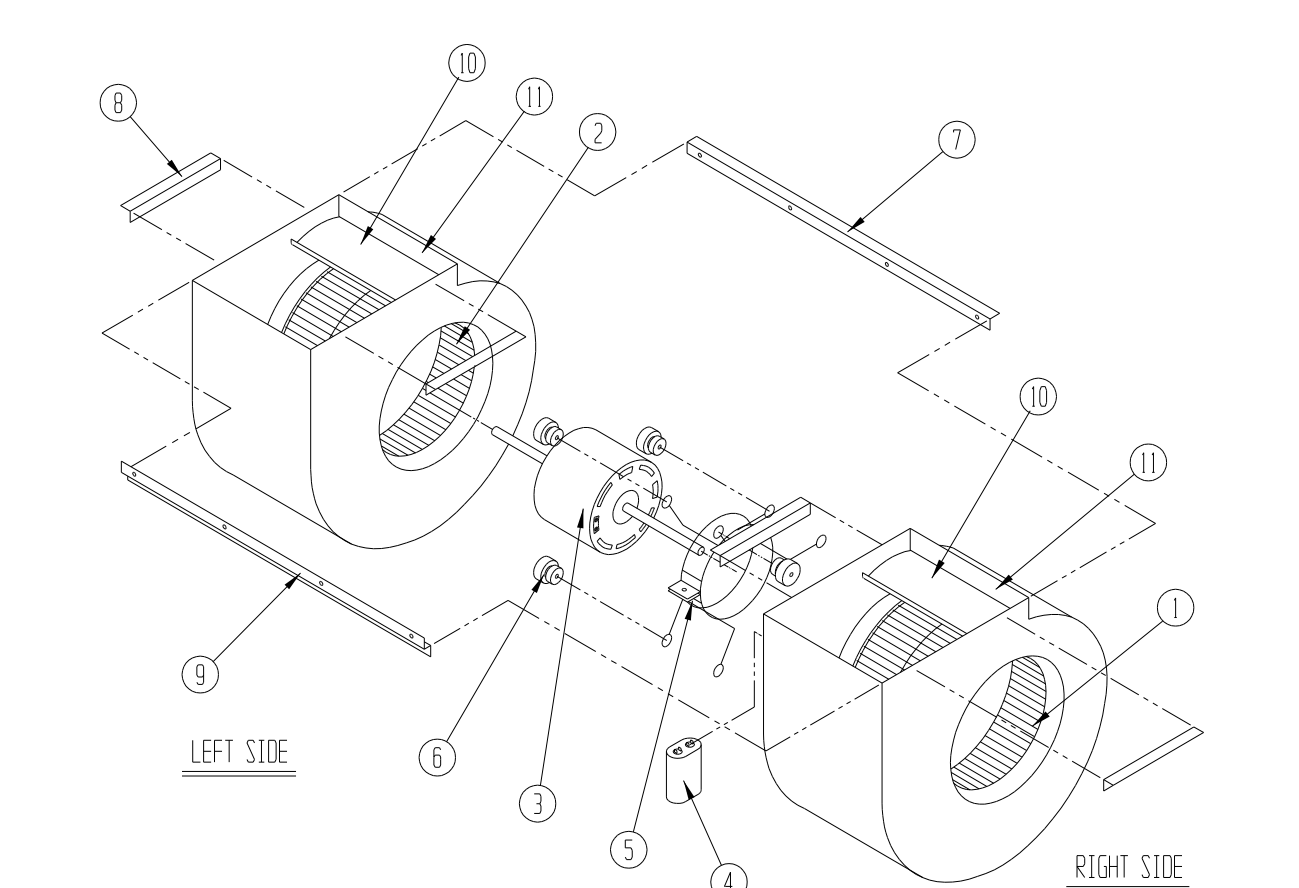
# CONTROL PANEL

| Dwg No. | Part Number   | Description                           | W72LBPA | W72LBPB | W72LBPC | W72LBPF | W72LBPG |
|---------|---------------|---------------------------------------|---------|---------|---------|---------|---------|
| 1       | 517Y393       | Control Panel Assembly                | X       | X       | X       | X       | X       |
| 2       | 8301-032      | Blower Relay                          | X       | X       | X       | X       | 2       |
| 3       | 135-122       | Wire Shield                           | X       | X       | X       | X       | X       |
| 5       | 3020-004      | 12" 2 Conductor Sheathed Cable        | X       | X       | X       | X       | X       |
| 6       | 8201-126      | 3 Phase Line Monitor 50/60 Hz         |         | X       | X       | X       | X       |
| 7       | 8201-130      | Alarm Relay                           | X       | X       | X       | X       | X       |
| 8       | 8201-164      | Compressor Control Module             | X       | X       | X       | X       | X       |
| 9       | 8301-057      | Filter Switch w/Adjustment            | X       | X       | X       | X       | X       |
| 10      | 8301-068-001* | UPC3-MULTI-TEC 2.0.0                  | X       | X       | X       | X       | X       |
| 11      | 8401-035      | Contactor 3-Pole 25 Amp               |         | X       | X       | X       | X       |
| 11      | 8401-038      | Contactor 2-Pole 40 Amp               | X       |         |         |         |         |
| 12      | 8401-042      | Aux. NC Contact                       |         | X       | X       | X       | X       |
| 13      | 8407-048      | Transformer 208/240-24 75VA           | X       | X       |         | X       |         |
| 13      | 8407-050      | Transformer 480/24VAC 75VA            |         |         | X       |         |         |
| 13      | 8407-066      | Transformer 575/230V 2KVA             |         |         |         |         | X       |
| 14      | 8607-013      | Terminal Block 2 Term. 240V           |         |         |         | X       |         |
| 15      | 8607-017      | Terminal Block 240V 2 Terminal        | X       | X       | X       | X       | X       |
| 16      | 8607-037      | Terminal Block 4 Position             | X       | X       | X       | X       | X       |
| 18      | 8611-006      | Ground Terminal                       | X       | X       | X       | X       | X       |
| 19      | 8611-140-0800 | 2-1/4" x 1" Cable Duct x 8"           | X       | X       | X       | X       | X       |
| 20      | 8611-147      | 3-Pin Circuit Board Connector         | X       | X       | X       | X       | X       |
| 21      | 8611-148      | 4-Pin Circuit Board Connector         | X       | X       | X       | X       | X       |
| 22      | 8611-149      | 9-Pin Circuit Board Connector         | X       | X       | X       | X       | X       |
| 23      | 8611-185      | 8-Pin Circuit Board Connector         | X       | X       | X       | X       | X       |
| 24      | 8611-150      | Term. Block for DIN Rail RS485        | X       | X       | X       | X       | X       |
| 25      | 8611-192      | Small 3-Pin Circuit Board Connector   | X       | X       | X       | X       | X       |
| 26      | 910-1935      | Evap. Temp. Sensor Assembly           | X       | X       | X       | X       | X       |
| 29      | 8611-139-2300 | 1-1/2" X 1-1/2" Cable Duct X 23"      | X       | X       | X       | X       | X       |
| 30      | 8552-005      | Outdoor Motor Capacitor               |         |         | X       |         |         |
| 30      | 8552-097      | Compressor Capacitor                  | X       |         |         |         |         |
| 30      | 8552-004      | Outdoor Motor Capacitor               |         | X       |         | X       | X       |
| 32      | 8611-183      | 2-Pin Circuit Board Connector         | X       | X       | X       | X       |         |
| NS      | 3000-1510     | Compressor Plug/Harness Wire Assembly | X       |         |         |         |         |
| NS      | 3000-1511     | Compressor Plug/Harness Wire Assembly |         | X       | X       | X       | X       |
| NS      | 3000-1512     | Motor Power Harness                   | X       | X       | X       | X       | X       |
| NS      | 3000-1513     | Motor Control Harness                 | X       | X       | X       | X       | X       |
| NS      | 8301-075      | USB Micro Cable Female to Male        | X       | X       | X       | X       | X       |
| NS      | 4207-101      | Wiring Diagram                        | X       |         |         |         |         |
| NS      | 4207-201      | Wiring Diagram                        |         | X       |         |         |         |
| NS      | 4207-301      | Wiring Diagram                        |         |         | X       |         |         |
| NS      | 4207-601      | Wiring Diagram                        |         |         |         | X       |         |
| NS      | 4207-704      | Wiring Diagram                        |         |         |         |         | X       |

\* Replacement part will have a letter attached to the end of the part number to designate software version (Example: 8301-068-001A). A software upgrade of all PLCs onsite (units and controllers) should accompany any PLC replacement. Latest revisions of software, change log and instructions are available on the Bard website at <http://www.bardhvac.com/software-download/>

NS = Not Shown

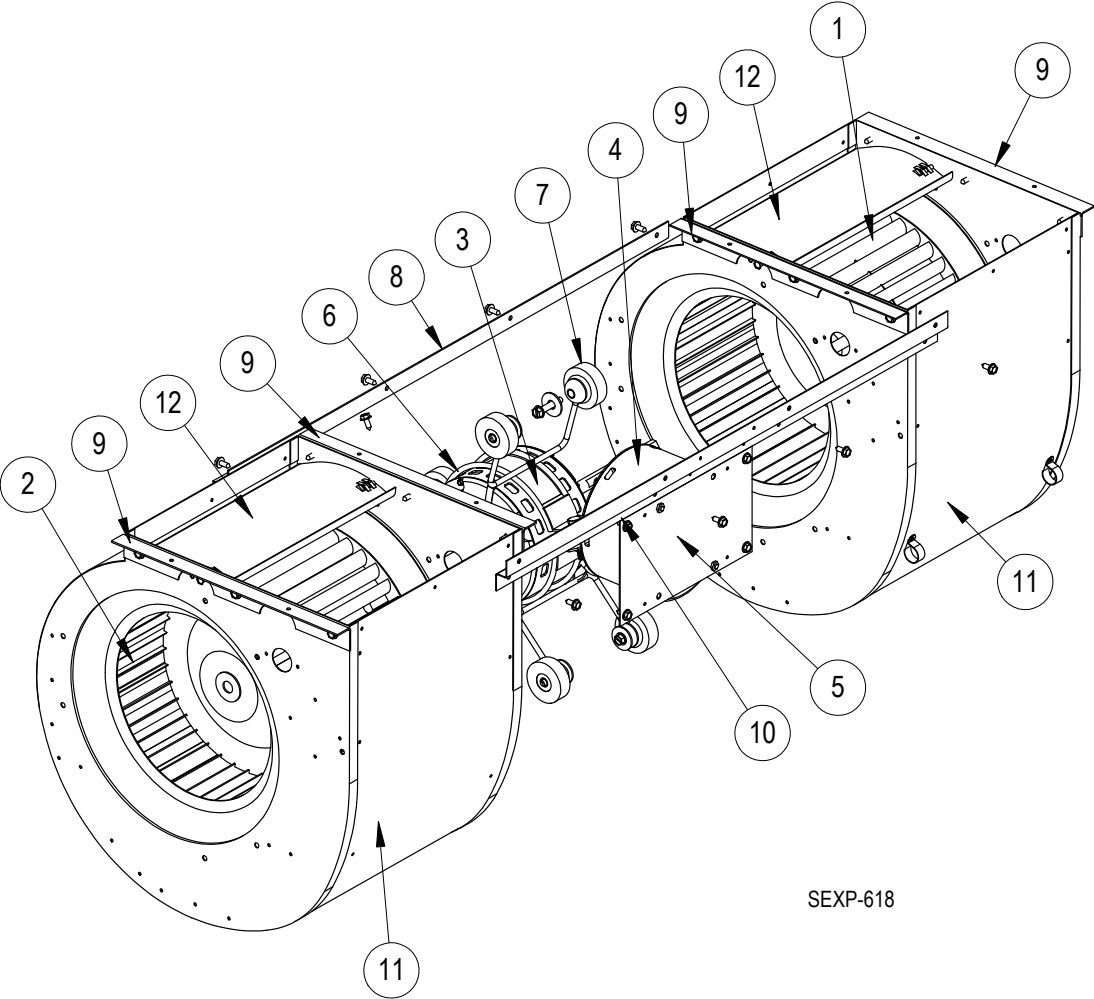
This table references drawing on page 8



SEXP-178

| Dwg No. | Part Number | Description            | 900-320 | 900-321 | 900-185 | 900-186 |
|---------|-------------|------------------------|---------|---------|---------|---------|
| 1       | 5152-011    | 10 Inch Wheel (CW)     |         |         | X       | X       |
| 1       | 5152-057    | 9 Inch Wheel (CW)      | X       | X       |         |         |
| 2       | 5152-012    | 10 Inch Wheel (CW)     |         |         | X       | X       |
| 2       | 5152-058    | 9 Inch Wheel (CW)      | X       | X       |         |         |
| 3       | 8105-061    | Blower Motor (230/208) | X       |         |         |         |
| 3       | 8105-062    | Blower Motor (460)     |         | X       |         |         |
| 3       | 8106-046    | Blower Motor (230/208) |         |         | X       |         |
| 3       | 8106-025    | Blower Motor (460)     |         |         |         | X       |
| 4       | 8552-091    | Capacitor              | X       | X       | X       |         |
| 4       | 8552-005    | Capacitor              |         |         |         | X       |
| 5       | 8200-040    | Motor Mount            | X       | X       | X       | X       |
| 6       | 5451-011    | Grommets               | 6       | 6       | 6       | 6       |
| 7       | 105-881     | Back Brace             | X       | X       | X       | X       |
| 8       | 105-880     | Side Angle             | 4       | 4       | 4       | 4       |
| 9       | 103-389     | Front Brace            | X       | X       | X       | X       |
| 10      | 151-101     | Housing                | 2       | 2       | 2       | 2       |
| 11      | 144-166     | Diffuser               | 2       | 2       | 2       | 2       |

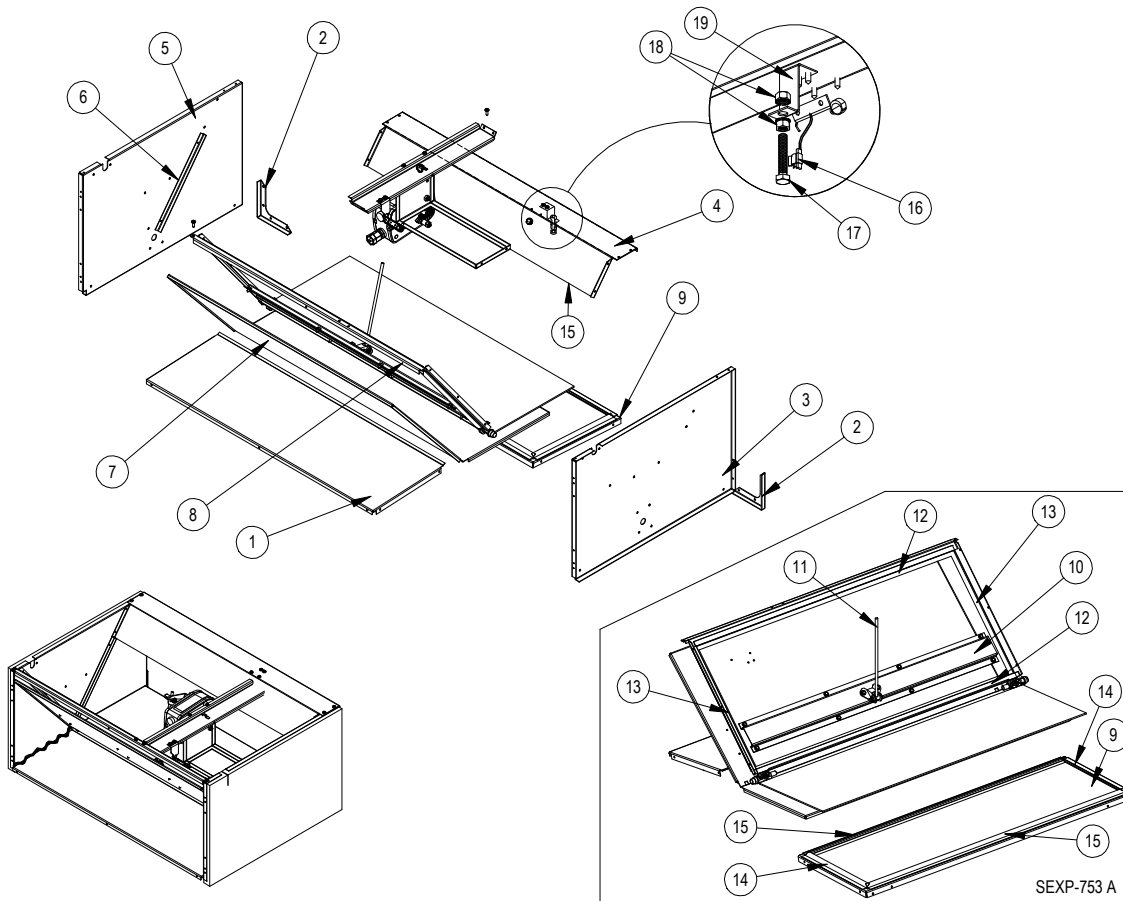
# BLOWER ASSEMBLY



SEXP-618

| Dwg. No. | Part Number    | Description                   | S900-348-001 | S900-349-001 |
|----------|----------------|-------------------------------|--------------|--------------|
| 1        | 5152-011       | 10-Inch Wheel (CW)            | X            | X            |
| 2        | 5152-012       | 10-Inch Wheel (CCW)           | X            | X            |
| 3        | S8107-019-0135 | 3/4 HP Programmed Motor       | X            |              |
| 3        | S8107-026-0136 | 3/4 HP Programmed Motor       |              | X            |
| 4        | C8107-019-0135 | Programmed Motor Control Only | X            |              |
| 4        | C8107-026-0136 | Programmed Motor Control Only |              | X            |
| 5        | 112-580        | Blower Motor Control Bracket  | X            | X            |
| 6        | 8200-040       | Motor Mount                   | X            | X            |
| 7        | 5451-011       | Grommets                      | 6            | 6            |
| 8        | 105-881        | Back Brace                    | X            | X            |
| 9        | 105-880        | Side Angle                    | 4            | 4            |
| 10       | 103-389        | Front Brace                   | X            | X            |
| 11       | 151-101        | Housing                       | 2            | 2            |
| 12       | 144-166        | Diffuser                      | 2            | 2            |

# FREECOOLING COMPONENTS



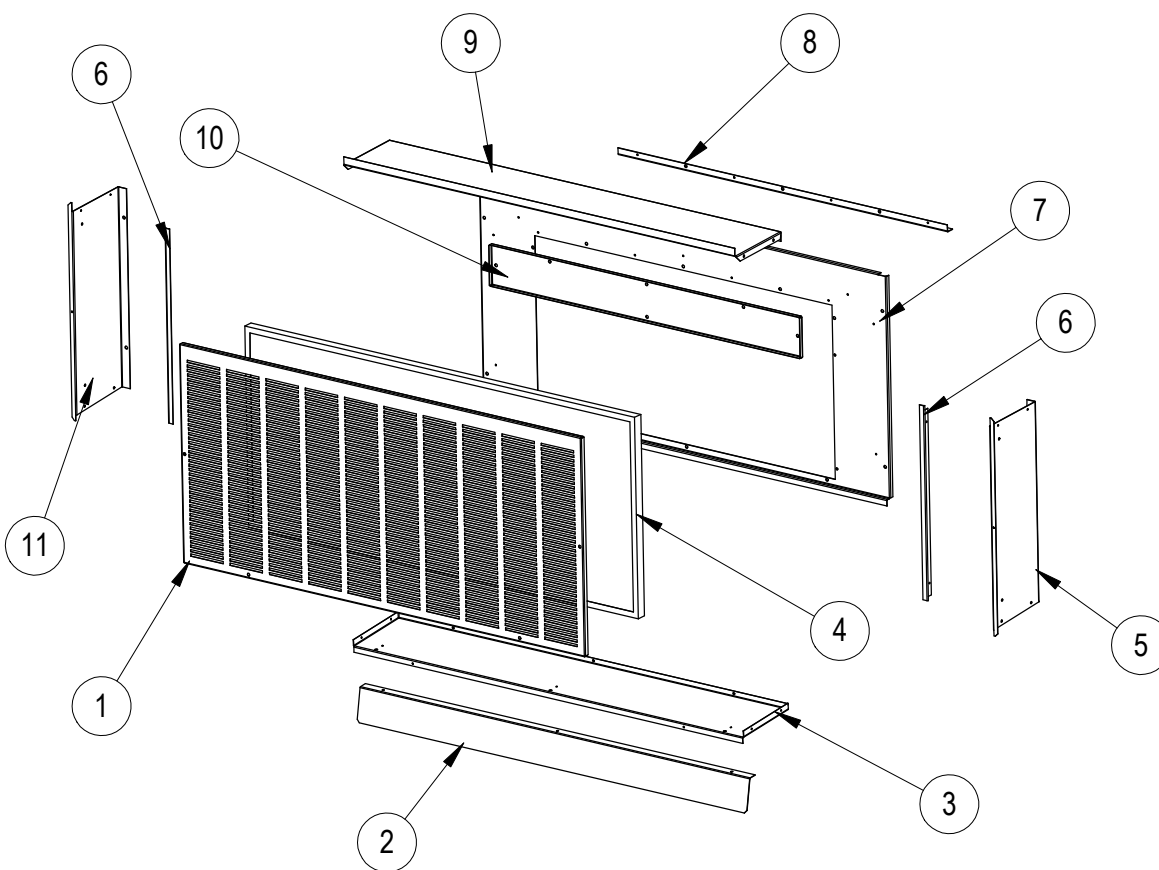
Dwg  
No.

Part Number

Description

|    |                |                                                               |
|----|----------------|---------------------------------------------------------------|
| 1  | 137-734        | Lower Front Partition                                         |
| 2  | 113-526        | Corner Bracket                                                |
| 3  | S101X981       | Right Side                                                    |
| 4  | S137-871       | Upper Rear Partition                                          |
| 5  | S101Y981       | Left Side                                                     |
| 6  | S105-1341      | Blade Seal Angle                                              |
| 7  | S139-323       | Blade                                                         |
| 8  | S137-870       | Upper Front Partition                                         |
| 9  | S137-736       | Lower Rear Partition                                          |
| 10 | 141-426        | Blade Support                                                 |
| 11 | 8602-077       | 1/4 x 9" Rod                                                  |
| 12 | S1921-067-2909 | 29-9/16" Damper Blade Seal                                    |
| 13 | S1921-067-1206 | 12-3/8" Damper Blade Seal                                     |
| 14 | S1921-067-1011 | 10-11/16" Damper Blade Seal                                   |
| 15 | S1921-067-2906 | 29-3/8" Damper Blade Seal                                     |
| 16 | 8408-044       | Sensor 10K Ohm Curve J w/ 5/16" Clip                          |
| 17 | 1012-052       | Hex Head Bolt 5/16 - 18x1-3/4" 0.0005 Zinc w/ Yellow Chromate |
| 18 | 1012-210       | 5/16" Nut 0.0005 Zinc w/ Yellow Chromate                      |
| 19 | 113-541        | Sensor Bracket                                                |

# FREECOOLING AIR HOOD



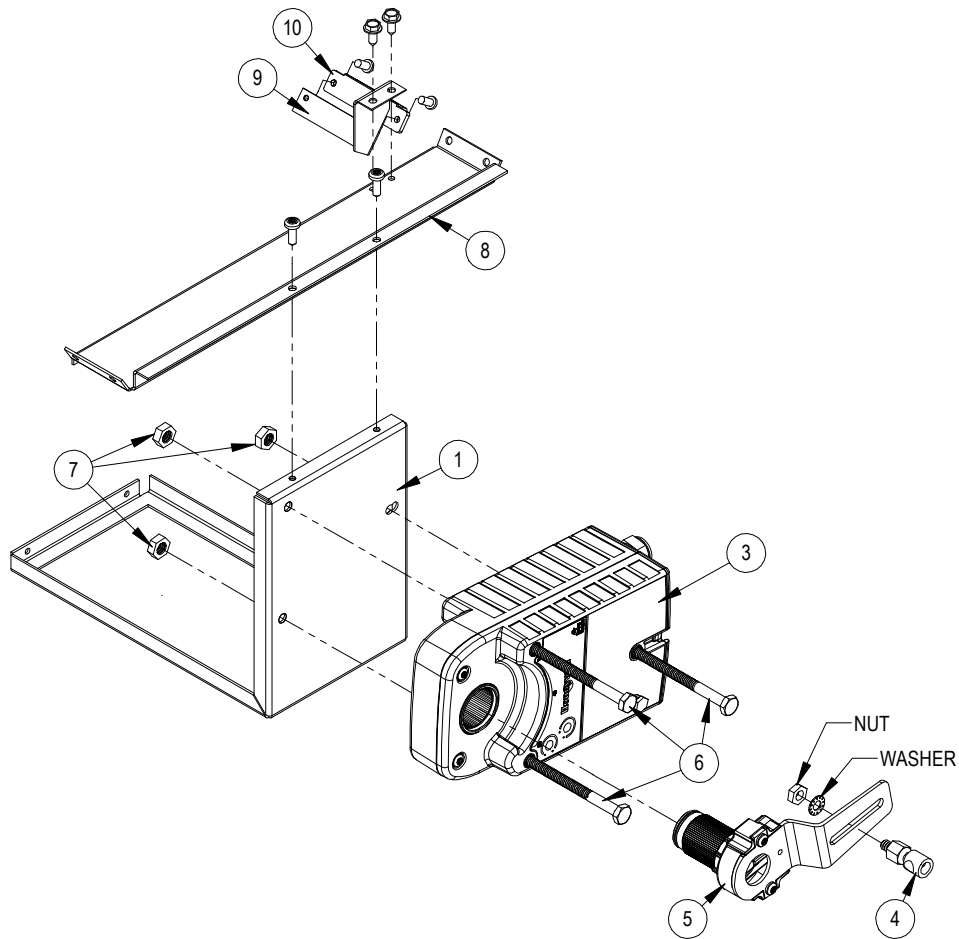
SEXP-752

| Dwg. No. | Part Number  | Description                          |
|----------|--------------|--------------------------------------|
| 1        | 115-283-* ①  | Hooded Front Door                    |
| 2        | 113-484-* ①  | Bottom Divider Bracket               |
| 3        | S127-489-* ① | Hood Bottom                          |
| 4        | 7003-062     | Mist Filter 40-1/4" x 17-7/8" x 7/8" |
| 5        | S101-870-* ① | Right Side                           |
| 6        | 105-1342     | Side Filter Angle                    |
| 7        | 553-600-* ①  | Hood Mounting Door                   |
| 8        | 105-1343     | Filter Door Angle                    |
| 9        | S107-344-* ① | Hood Top                             |
| 10       | 553-596      | Filter Door                          |
| 11       | S101-860-* ① | Left Side                            |
|          | S920-0232    | Complete Hood Assembly – Beige       |
|          | S920-0233    | Complete Hood Assembly – White       |
|          | S920-0234    | Complete Hood Assembly – Gray        |

① Exterior cabinet parts are manufactured with various paint color options. To ensure the proper paint color is received, reference the following codes:

|       |    |              |    |
|-------|----|--------------|----|
| Beige | -X | Buckeye Gray | -4 |
| White | -1 |              |    |

## FREECOOLING DAMPER MOTOR



SEXP-879

Dwg.  
No.

Part Number

Description

|    |          |                                     |
|----|----------|-------------------------------------|
| 1  | 141-467  | Actuator Support Plate              |
| 3  | 8602-067 | Direct Coupled Actuator             |
| 4  | 8602-008 | Ball Joints                         |
| 5  | 8602-068 | Crank Arm                           |
| 6  | 1012-174 | 1/4" - 20x3 - 1/4 Hex Cap Screws    |
| 7  | 1012-201 | 1/4-20 Steel Keps Hex Nut Zinc      |
| 8  | 141-468  | Actuator Support Bar                |
| 9  | 113-655  | Blade Switch Bracket                |
| 10 | 8406-150 | Lever Switch SPDT Sealed Pilot Duty |
| NS | 910-2014 | Outdoor Temperature Sensor          |