

Quick Start Guide

SQ MIXED FLOW OUTDOOR COVER



- Outdoor Cover parts are shipped separate from the fan and are mounted in the field
- This Quick Start Guide does not replace the Installation Operation Manual (IOM), refer to the IOM for more information

Parts List

- (1) Fan
- Outdoor cover kit
 - (1) End cap with hole
 - (1) End cap without hole
 - (2) Mullions (size 18-33 only)
- Side panels
 - (2) Size 7-16
 - (4) Size 18-33
- Top panel(s)
 - (1) Size 7-16
 - (2) Size 18-33
- Hardware kit
 - (1) Size 7-16
 - (2) Size 18-33
- (1) Conduit Kit
- (1) Disconnect switch (optional)
- (1) Isolator kit (optional)
- Liquid-tight conduit (supplied by others)

Tools List

- Impact Driver
- 5/16 inch nut driver
- C clamp locking pliers

Step 1 - Mount Unit to Structure

- Place unit in desired location and mount to structure (outdoor units are horizontal base mount only)
- Isolation is recommended but not required, please use isolation if ordered

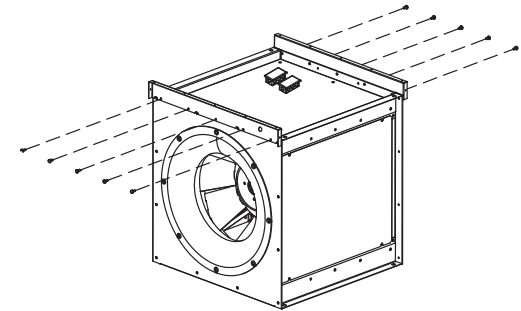
Step 2 - Install Ductwork to Fan

- Apply sealant to duct connections
- Use holes on inlet and outlet to mount ductwork to fan (hardware supplied by others)
- Flexible duct connectors are recommended for mounting to the inlet and outlet of the fan
- Install fan with approximately three wheel diameters of straight duct before and after the fan

Step 3 - Install End Caps

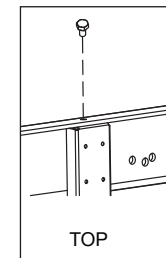
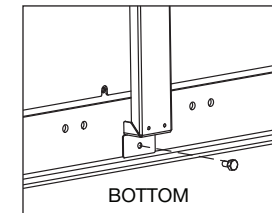
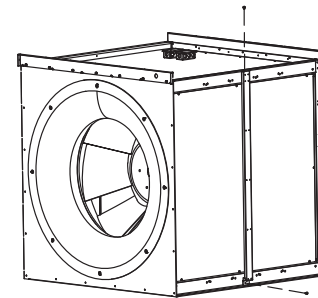
- Locate the end cap that has a 7/8 inch conduit hole, this is for running power to the fan
- Determine which side of the unit (inlet or outlet) the power will be run through
- With flanges away from the fan, align the half moon cutouts on the end cap with screws on inlet or outlet
- Mount the end cap with conduit hole to the top of the inlet or outlet depending on where the power will be run, use provided self-tapping sheet metal screws and 5/16 inch impact driver DO NOT OVER-TIGHTEN
- Install remaining plate on opposite side (inlet or outlet) using provided self-tapping sheet metal screws and 5/16 inch impact driver DO NOT OVER-TIGHTEN

- TAKE CARE NOT TO DAMAGE THE FOAM TAPE ON END CAPS



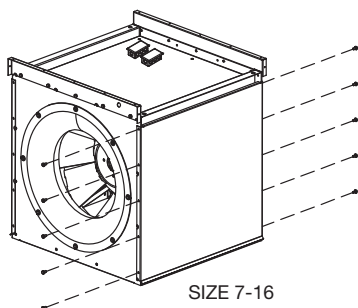
Step 4 - Install Side Mullions (Sizes 18-33 only)

- Install left and right side mullions using (2) self-tapping sheet metal screws per side

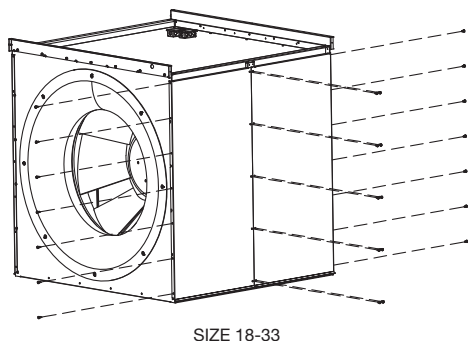


Step 5 - Install Side Panels

- Align half moon cutouts on side panels with inlet and outlet fasteners
- Install one side of outdoor cover to fan with drip edge down, use provided self-tapping sheet metal screws and 5/16 inch impact driver
- Repeat for opposite side



- Sizes 18-33 have (2) panels per side, they are fastened to the mullion, inlet, and outlet plate

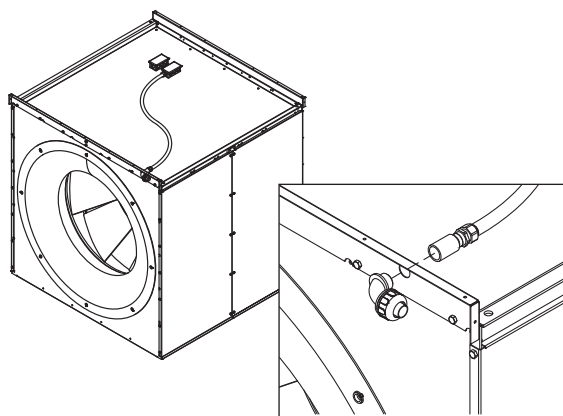


Step 6 - Mount Disconnect Switch (if applicable)

- Determine ideal location for disconnect switch
- Install per disconnect manufacturer's guidelines

Step 7 - Install Conduit

- Connect the provided flexible metal conduit (FMC) and fitting assembly to the junction box with power
- Route opposite end of conduit assembly (with female connector) to hole in end cap.
- Insert liquid-tight connector into hole in end cap and screw into the female connector, as shown below
- Cut liquid-tight conduit (supplied by others) to length and install from elbow to disconnect switch or power supply

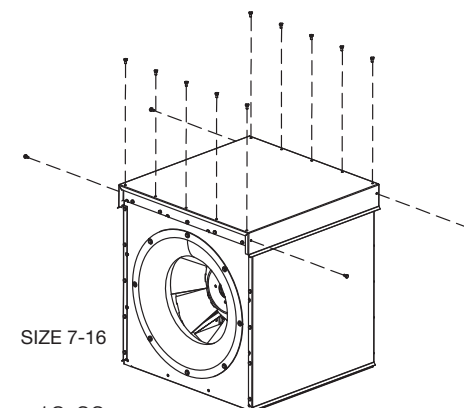


Step 8 - Route Wiring to Junction Box

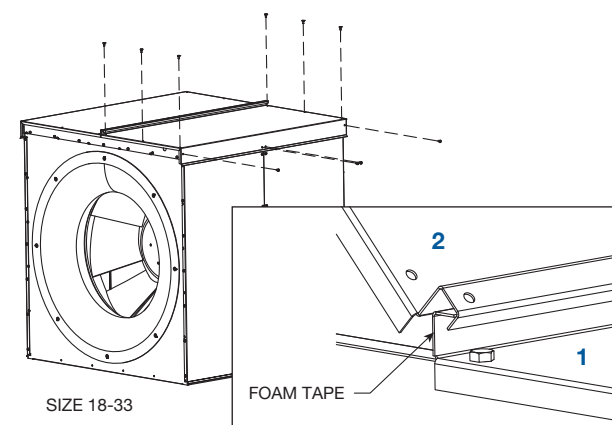
- Route wiring from junction box on top of fan to switch through all conduit and fittings
- Connect wiring to motor leads in junction box on top of the fan, replace the junction box cover
- Connect wiring to disconnect or power supply
- Junction boxes (and "Dial on Fan" if Vari-Green®) on top of the fan are inaccessible when outdoor cover is fully installed

Step 9 - Install Top Panel(s)

- Size 7-16:
Install top panel of outdoor cover to fan using provided self-tapping sheet metal screws



- Sizes 18-33:
 - Install the first top panel with single return flange using provided self-tapping sheet metal screws (reference 1 below)
 - Install the second top panel with double return flange by hinging it around the first panel as shown (reference 2 below)
 - Use self-tapping sheet metal screws to mount second panel, filling all holes



- TAKE CARE NOT TO DAMAGE THE FOAM TAPE ON THESE PARTS

