

Quick Start Guide

XKID Extended Intake



Parts List

- (1) Fan
- (1) Fan curb/equipment supports (optional)
- Ductwork (supplied by others)
- Sealant (supplied by others)
- 5/16-inch fasteners or self-tapping sheet metal screws (supplied by others)

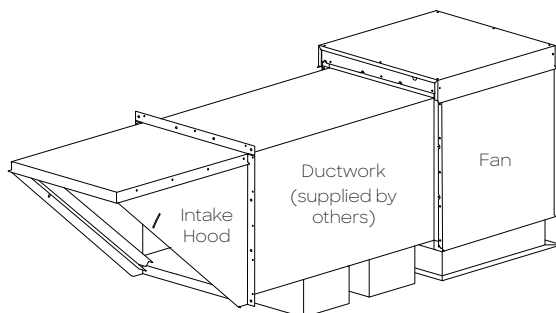
Tools List

- Impact driver
- 1/2-inch nut setter
- 5/16-inch nut setter
- C-clamp locking pliers

- The extension of the intake is a user modification and is not supplied by Accurex. This modification may be necessary in certain field conditions where additional distance is required between the supply and exhaust fans

- **NOTICE:** This guide provides general instructions for installing an intake extension. The installer assumes full responsibility for ensuring the modification is completed correctly and in accordance with local building codes and regulations. Accurex is not liable for any issues arising from the use or installation of non-supplied components

- **NOTICE:** Installing extended intake will change fan performance and void AMCA Air, Sound and FEI certification
- This Quick Start Guide does not replace the Installation Operation Manual (IOM). Refer to the IOM for more information

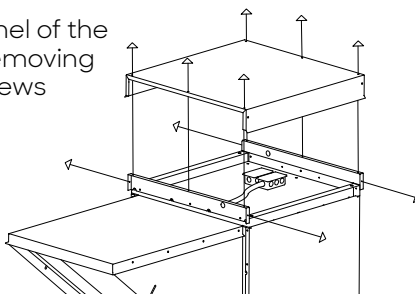


Step 1 – Mount Fan in Place

- Disconnect, lock and tag power source
- Place the fan in the desired location and mount to the curb or equipment supports per the IOM

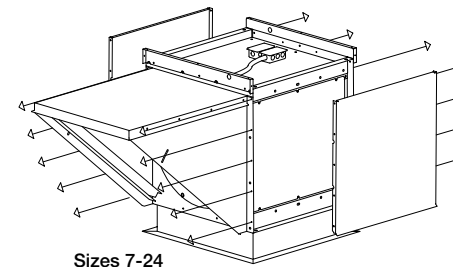
Step 2 – Uninstall Outdoor Cover Top Panel(s)

- TAKE CARE NOT TO DAMAGE THE FOAM TAPE ON THESE PARTS
- Uninstall the top panel of the outdoor cover by removing the sheet metal screws holding it in place



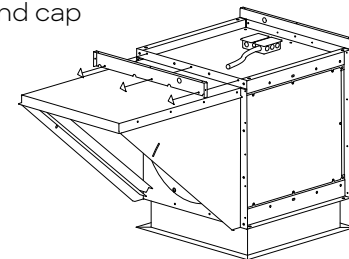
Step 3 – Uninstall Side Panels

- Uninstall the side panels by removing the sheet metal screws holding them in place



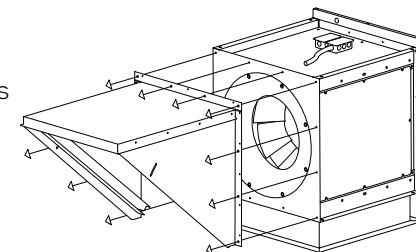
Step 4 – Uninstall the Inlet Side End Cap

- TAKE CARE NOT TO DAMAGE THE FOAM TAPE ON THESE PARTS
- Uninstall any conduit and wiring running through the inlet side end cap
- Uninstall the inlet side end cap by removing the sheet metal screws mounting it to the inlet panel



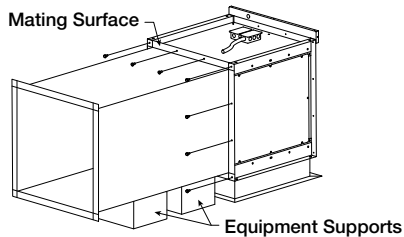
Step 5 – Uninstall Intake Hood

- Uninstall the intake hood from the fan by removing the 5/16-inch fasteners mounting it to the inlet panel



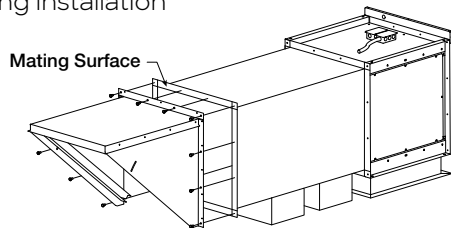
Step 6 – Install Ductwork

- TAKE CARE TO PROPERLY SUPPORT AND RESTRAIN THE DUCTWORK AND INTAKE HOOD DURING AND AFTER INSTALLATION TO KEEP THEM LEVEL WITH THE INTAKE PANEL
- Apply sealant to the mating surface of the fan inlet panel
- Use the provided holes in the inlet panel to mount the ductwork using 5/16-inch fasteners. C-clamp locking pliers can be used to hold the duct during installation



Step 7 – Install Intake Hood to Ductwork

- Apply sealant to the mating surface of the intake hood
- Use 5/16-inch fasteners or self-tapping sheet metal screws (supplied by others) to fasten the inlet hood to the ductwork. C-clamp locking pliers can be used to hold the intake hood during installation



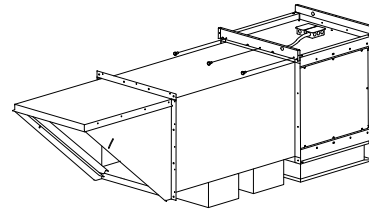
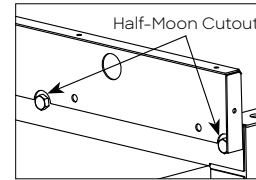
XKID QSG

For additional detail on assembly, reference the XKID Hood Assembly Quick Start Guide



Step 8 – Install Inlet Side End Cap

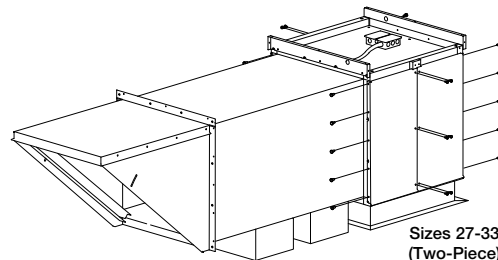
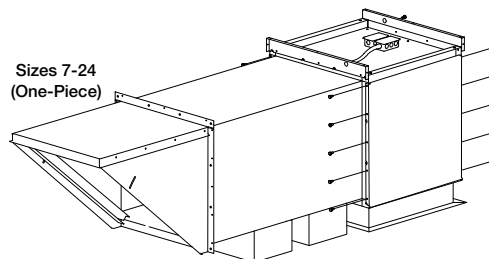
- TAKE CARE NOT TO DAMAGE THE FOAM TAPE ON THESE PARTS
- With the flanges away from the fan, align the half-moon cutouts on the inlet side end cap with the screws on the inlet
- Use the provided self-tapping sheet metal screws to fasten the inlet side end cap to the fan DO NOT OVERTIGHTEN



- Reinstall any conduit and wiring running through the end cap that was disconnected in Steps 4 and 5

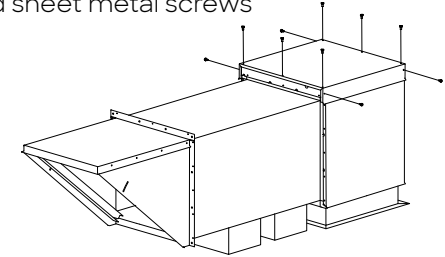
Step 9 – Install Side Panels

- Install the side panels with the drip edge down and align the half-moon cutouts on the side panel with the inlet and outlet fasteners
- Fasten the side panels to the fan with the provided sheet metal screws

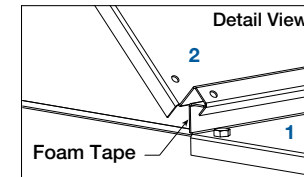


Step 10 – Install Top Cover

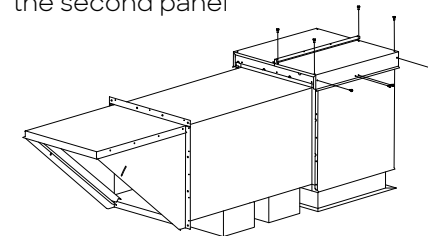
- **Sizes 7-24 (One-piece top panel):**
Install the top panel to the fan using the provided sheet metal screws



- **Sizes 27-33 (Two-piece top panel):**
 1. Install the first top panel with the single return flange using self-tapping sheet metal screws (reference 1 in detail view)
 2. Install the second top panel with the double return flange by hinging it around the first panel as illustrated (reference 2 in detail view)



- 3. Use self-tapping sheet metal screws to mount the second panel



Step 11 – Install Filter(s)

- Loosen the thumb screws on the side panels of the intake hood and drop the filter tracks
- Install the filters
- Return the filter tracks back to operating position and tighten the thumb screws