

Application

The position indicator switch is an option intended to be installed inside the VFD Series curtain dampers in the airstream. The position switch should be connected (by others) to an outside indicator and show open/close position of the damper blades.

Installation

1. The position indicator switch assemblies are made and delivered as a two piece unit (switch-bracket assembly and wiring box). The wiring box is not attached to the switch bracket assembly. Prior to the installation, carefully read the provided Installation Instructions.
2. First, install the switch-bracket assembly on the VFD damper frame against the frame rib as seen in Fig. 1 using the provided #10 self-drilling screws. Orientation of the switch bracket relative to the front or back of the damper is not required.

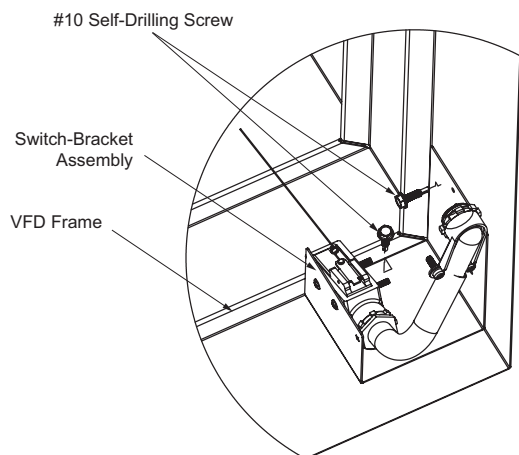


Figure 1 Switch-Bracket Assembly Installation

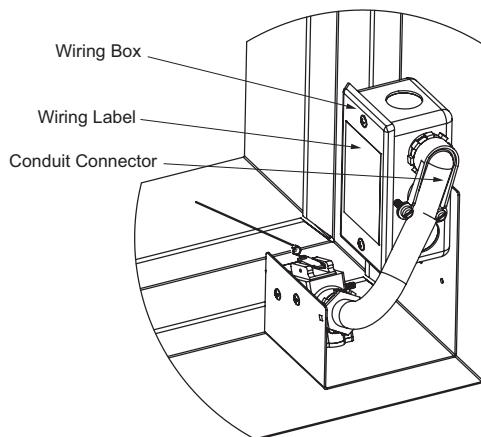


Figure 2 Internal Installation

3. Second, install the wiring box using the provided #10 self-drilling screws. Depending on the particular installation need, the wiring box can be installed internal to the frame as seen in Fig. 2 or external to the frame as seen in Fig. 3.
4. Connect the conduit connector with the wiring box. For the external installation, a 3/4" (19) hole needs to be punched in the damper sleeve to match with the switch bracket hole. For the internal installation, use the existing hole pre-punched in the wiring box.

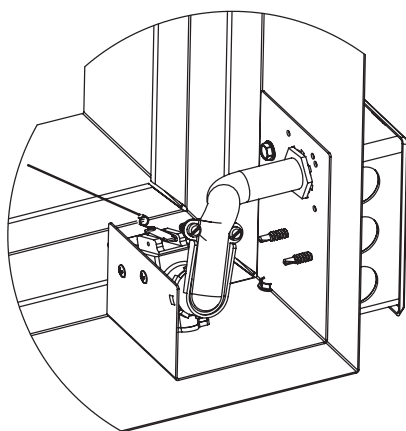


Figure 3 External Installation

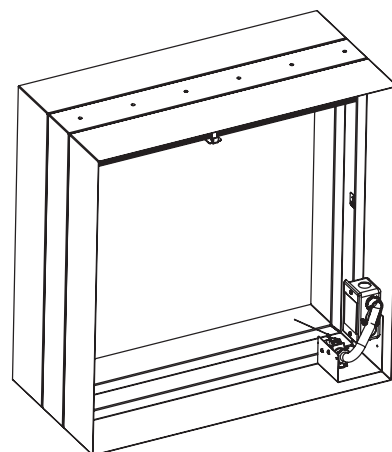


Figure 4 Final Installation

Components List:

- Switch-Bracket assembly (Honeywell switch, switch enclosure and switch bracket)
- Wiring Box
- Hardware Kit (#10 self-drilling screws)

Note:

Reference the wiring diagram printed on the wiring box when connected to the "Indicators by others". Cycle the damper a couple of times to check the open/close indication.