

These are brief instructions for installing a SimplyVAV secondary damper actuator for dual-duct installations. To view a short video of this procedure or to download a PDF of *The SimplyVAV Installation and Applications Guide*, browse to the simplyVAV web site.



1 Align the damper and drive hub

Manually rotate the damper on the VAV box to the fully open position.

Press the gear clutch button and rotate the drive hub in the same direction that opened the damper. Turn the hub until it reaches a stop.

2 Mount the actuator to the VAV box.

Place the actuator over the damper shaft.

Finger tighten the nuts on the V-bolt to position the shaft in the drive hub.

Center the mounting bushing in the mounting tab and fasten it with a #8 sheet metal screw.

Evenly tighten the V-bolt nuts on the drive hub to 30-35 in-lbs.

3 Connect the airflow sensors

Connect the airflow sensor on the VAV box to the airflow ports on the controller. Use 0.25 in. FR tubing.

4 Connect to primary controller

Connect the actuator to the SimplyVAV primary controller. Wiring diagrams are part of the *SimplyVAV Installation and Applications Guide* and submittal sheets that can be found on the Resources page of the SimplyVAV web site.

