

Frequently Asked Questions

Where do I install a duct static pressure sensor?

Duct Installation Location

Each site's specific installation location should be determined in collaboration with the project engineer and site coordinator to ensure proper unit operation, as the installation location within the duct work will vary based on site layout and site-specific needs. Ultimately, wherever the site wants a specific pressure maintained by the DOAS unit is where the duct static pressure sensor should be mounted. With any duct sensor, care must be taken to avoid areas of high turbulence. Such areas could include the first 3 to 5 duct diameters downstream of the unit's discharge, and any locations with major turns or changes in duct work. One must also keep in mind the roles that components such as fire dampers, VAV's, etc. can play in proper duct pressure control.

Wiring

The sensor should be wired as specified on the unit's electrical schematic. If a sensor was not originally ordered with the unit but is being added post-ship, reach out to DOAS Technical Support for additional guidance.