

STAT-probe

MINIMUM INSTALLATION REQUIREMENTS

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INSTALLATION CONSIDERATIONS. Installation factors to be considered when applying the STAT-probe are as follows:

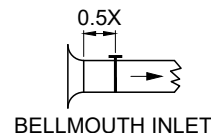
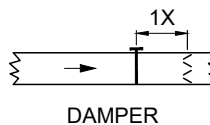
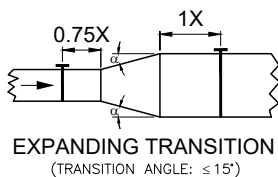
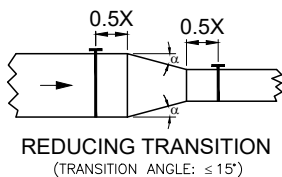
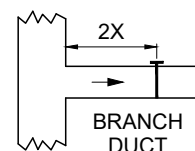
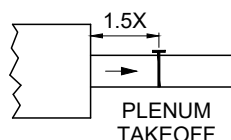
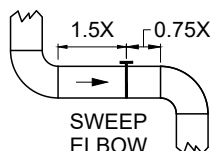
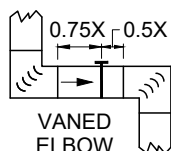
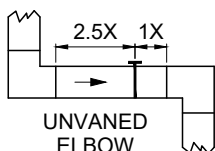
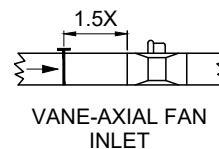
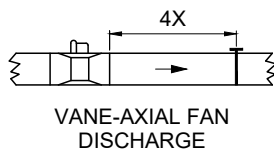
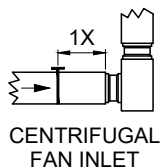
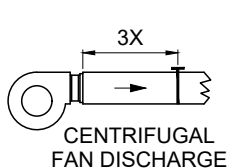
Turbulent Airflow. The dual offset static sensor design of the STAT-probe will permit accurate sensing of duct static pressure even in the presence of turbulent and rotational airflows with a maximum 30° yaw.

Stratified Airflow. The STAT-probe should be mounted so that the probe is across the stratified airflow - not parallel to the flow.

Airborne Contaminants. The level of air filtration and cleanliness associated with commercial HVAC systems is satisfactory for operation of the STAT-probe.

Direction of Airflow. An arrow indicating the direction of airflow is present on the STAT-probe mounting plate to assure proper installation.

MINIMUM REQUIREMENTS FOR INSTALLATION. Note: STAT-probe locations shown are **NOT ideal**. They indicate the minimum clearance required from air turbulence producing sources. Wherever possible, the STAT-probe should be installed where greater runs of straight duct (or clearances) than shown exist.



Equivalent Duct Diameter X:

Rectangular Duct: $X = \frac{2(H \times W)}{H + W}$

Circular Duct: $X = \text{Duct Diameter}$