

ACCU-flo/NP

MINIMUM INSTALLATION REQUIREMENTS

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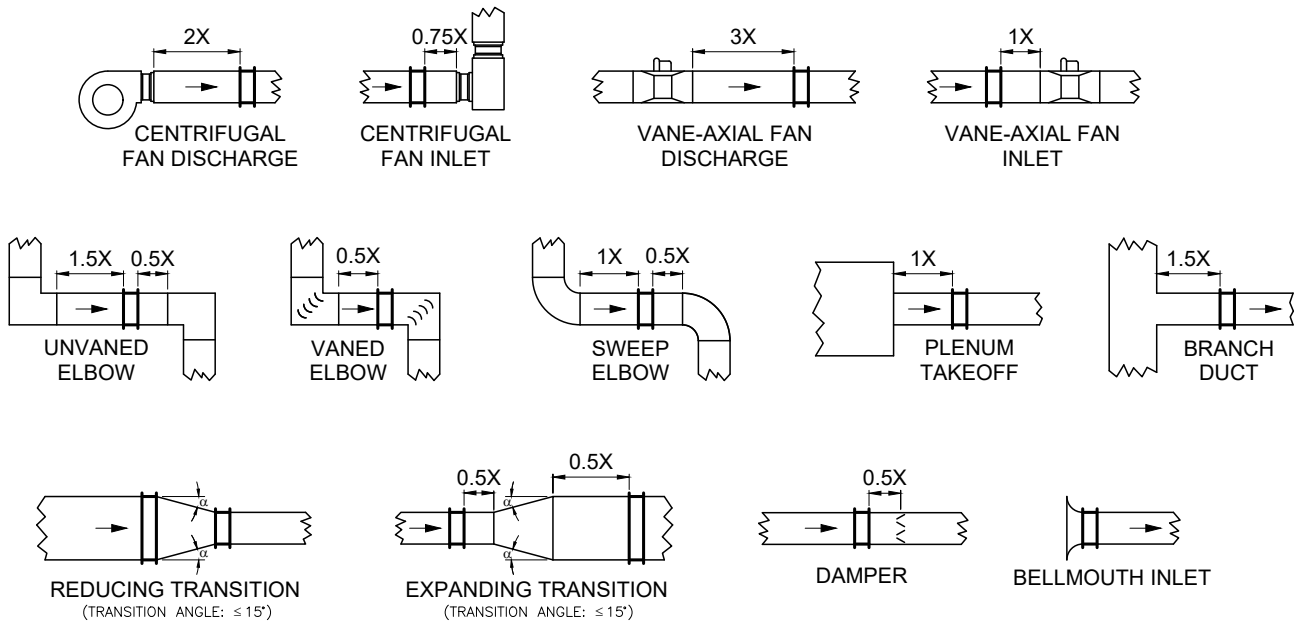
INSTALLATION CONSIDERATIONS. Installation factors to be considered when applying the ACCU-flo/NP are as follows:

Turbulent Airflow. The unique use of honeycomb airflow straightener and precision nozzle permit accurate flow measurement in the presence of moderate air turbulence. The distances from air turbulence producing fittings, transitions, etc., shown below in the Minimum Requirements for Installation, are required to assure accurate ACCU-flo/NP operation.

Airborne Contaminants. Applications containing airborne contaminants may require periodic manual or automatic cleaning using compressed air applied via the signal fittings, and/or physical cleaning.

Direction of Airflow. The ACCU-flo/NP will function only with the airflow passing through the air straightener section prior to entering the nozzle's total and static pressure sensing section. To prevent improper installation, each ACCU-flo/NP is marked with an arrow indicating the required direction of airflow.

MINIMUM REQUIREMENTS FOR INSTALLATION. Note: ACCU-flo/NP locations shown are **NOT ideal**. They indicate the minimum clearance required from air turbulence producing sources. Wherever possible, the ACCU-flo/NP 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: $X = \text{Duct Diameter}$