

Receiving Inspection:

After unpacking the terminal, check it for shipping damage. If any damage is found report it immediately to the delivering carrier. Store units in a clean, dry location prior to installation.

Caution: Do not use the flow sensor, connecting tubing, or damper shaft linkage as a handle to lift or move assembly. Damage to the flow sensor or controls may result.

Supporting the Assembly:

Many basic single duct terminals are light enough to be supported by the ductwork itself. Where heavier accessory modules, such as DDC controls, coils, attenuators or multiple outlets are included, the terminal should be supported directly. Straps screwed directly into the side of the terminal, threaded rod through the optional hanger brackets (see Figure 1.) or the method prescribed for the rectangular duct on the job specifications may be used.

Important: If equipped with pneumatic controls, the terminal must be mounted right side up. It must be level within + or - 10 degrees of horizontal, both parallel to the air flow and at the right angle of air flow. The control side of the terminal is labeled with an arrow indicating UP. The first letter of the model number (P) indicates pneumatic controls. Most electronic units (A-analog controls and D- digital controls) can be installed in any orientation.

Duct Connections:

Slip each inlet duct over the inlet collar of the terminal. Fasten and seal the connection by the method prescribed by the job specifications.

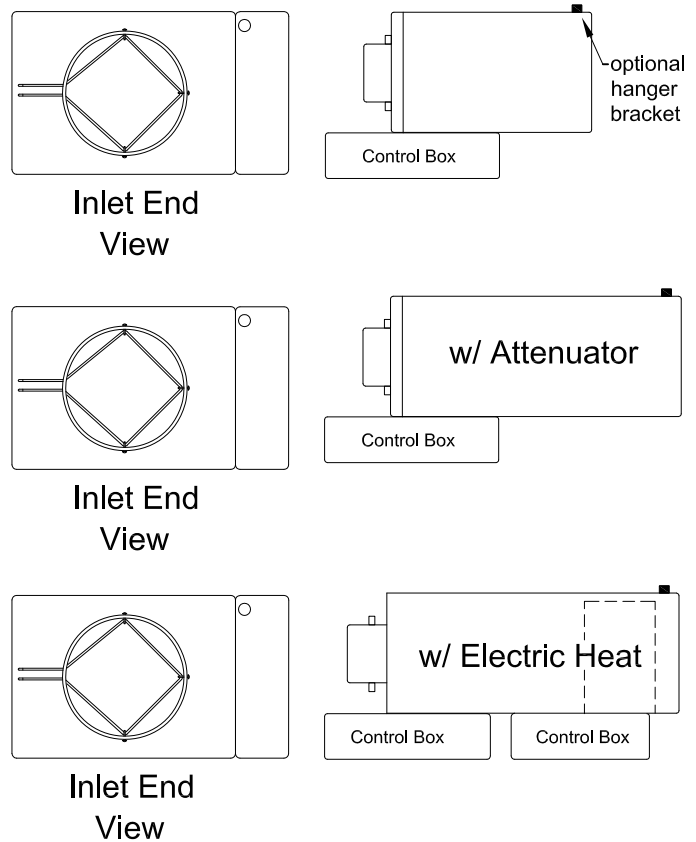
The diameter of the inlet duct "D" in inches must be equal to the listed size of the terminal; e.g. a duct that actually measures 8" must be fitted to a size 8 terminal. The inlet collar of the terminal is made 1/8" smaller than the listed size in order to fit inside the duct.

Note: Do not insert ductwork inside the inlet collar of the assembly. Inlet duct should be installed in accordance with SMACNA guidelines.

The outlet end of the terminal is designed for use with slip and drive connections. A rectangular duct the size of the terminal outlet should be attached.

If single-point electronic velocity sensor is used, 3 to 5 inlet duct diameters of straight duct should be provided at the terminal inlet; for specific guidelines, consult the manufacturer's installation material. Sensor(s) may be attached to the inside of control enclosure for protection during shipping. Sensor must be inserted in inlet duct of terminal before operation. Remove any protective plastic devices from tip of the sensor before installation.

Figure 1:



Job Name:
Location:
Architect:
Engineer:
Contractor:

<input type="checkbox"/> INSTALLATION MANUAL MODEL PRI-FL		
DRAWN BY: RDF	DATE: 11-14-06	REV. DATE: 1-5-11
REV. NO. 5	APPROVED BY: BGT	DWG. NO.: L-29