

**VOLU-trol/F STATION  
RECTANGULAR CONFIGURATION  
WITH OPPOSED BLADE DAMPER**

**STANDARD CONSTRUCTION**

<b>Casing:</b>	14 gauge galvanized sheetmetal, intermittent welded casing sealed with metal caulking.
<b>Flanges:</b>	1½" wide, 90° formed flange.
<b>Air Straightener:</b>	Corrosion resistant 3003 aluminum. 3" deep x ½" cell.
<b>Total Pressure Header:</b>	Copper tubing assembled with 50/50 tin/lead solder. Galvanized mounting and support brackets.
<b>Static Pressure Header:</b>	Copper tubing assembled with 50/50 tin/lead solder.
<b>Connection Fittings:</b>	¼" brass compression type located on the long dimension.
<b>Damper Blades:</b>	14 gauge galvanized sheetmetal, parallel to the width dimension.
<b>Damper Bearings:</b>	Nylon.
<b>Damper Linkage:</b>	Mechanical linkage (12 gauge galvanized steel).

**PERFORMANCE SPECIFICATIONS**

<b>Accuracy:</b>	±2% when installed per recommended minimum installation requirements.
<b>Outputs:</b>	Individually averaged signals of total and static pressure.
<b>Operating Velocity:</b>	400-4,000FPM.
<b>Operating Temperature:</b>	Continuous operation to 132°F.

**OPTIONAL CONSTRUCTION**

- Signal take-offs on the short side (height) of the station.
- Damper shaft on the long side (width) of the station.
- Engraved Identification Tag.
- Factory Mounted Transmitter.

**DIMENSIONAL SPECIFICATIONS**

