

VOLU-trol /F STATION

RECTANGULAR CONFIGURATION

WITH OPPOSED BLADE DAMPER

STANDARD CONSTRUCTION

Casing.	14 gauge galvanized sheetmetal, intermittent welded casing sealed with metal caulking.
Flanges.	1-1/2" wide, 90° formed flange.
Air Straightener.	Corrosion resistant 3003 aluminum. 3" deep x 1/2" cell.
Total Pressure Header.	Copper tubing assembled with 50/50 tin/lead solder. Galvanized mounting and support brackets.
Static Pressure Header.	Copper tubing assembled with 50/50 tin/lead solder.
Connection Fittings.	1/4" brass compression type located on the long dimension.
Damper Blades.	14 gauge galvanized sheetmetal, parallel to the width dimension.
Damper Bearings.	Nylon.
Damper Linkage.	Mechanical linkage (12 gauge galvanized steel).

PERFORMANCE SPECIFICATIONS

Accuracy.	2% when installed per recommended minimum installation requirements.
Outputs.	Individually averaged signals of total and static pressure.
Operating Velocity.	400 - 4000 FPM.
Operating Temperature.	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.**
- Damper Actuator.** Direct coupled, fail in position, modulating electronic actuator, 2-10VDC or 4-20mA control signal.
Requires 24VAC power supply.
- Engraved Identification Tag**
- Factory Mounted Transmitter**

DIMENSIONAL SPECIFICATIONS

