

VOLU-trol /F

RECTANGULAR CONFIGURATION

FAN-E STATION WITH OPPOSED BLADE DAMPER

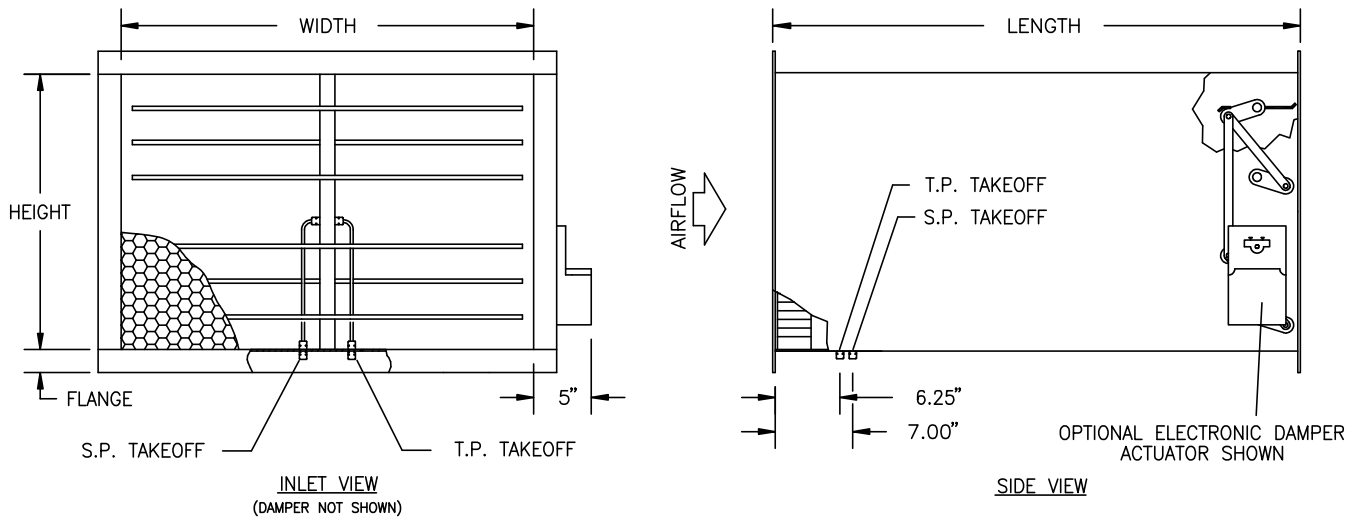
STANDARD CONSTRUCTION

Casing.	14 gauge galvanized sheetmetal, intermittent welded casing sealed with metal caulking.
Flanges.	1-1/2" wide, 90° formed flange.
Air Equalizer and 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.
Operating Temperature.	Continuous operation to 120°F.
Connection Fittings.	1/4" brass compression type located on the long dimension.
Damper Blades.	18 gauge galvanized sheetmetal, parallel to the width dimension.
Damper Bearings.	Nylon.
Damper Linkage.	Mechanical linkage (12 gauge galvanized steel).

OPTIONAL CONSTRUCTION

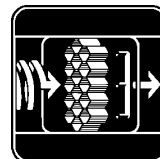
- | | |
|---|--|
| <input type="checkbox"/> Signal take-offs on the short side (height) of the station.
<input type="checkbox"/> Damper actuator on the long side (width) of the station. | Damper Actuator.
<input type="checkbox"/> Manual quadrant.
<input type="checkbox"/> Direct coupled, fail in position, modulating electronic actuator, 2-10VDC or 4-20mA control signal. Requires 24 VAC power supply.
<input type="checkbox"/> Pneumatic actuator with pilot positioner, 8-13 psig control signal. <input type="checkbox"/> Fail Open <input type="checkbox"/> Fail Close
<input type="checkbox"/> Pneumatic actuator with pilot positioner and E/P (200 SCIM), 2-10VDC or 4-20mA control signal. Requires 24VAC power and 20 psig instrument air. <input type="checkbox"/> Fail Open <input type="checkbox"/> Fail Close |
|---|--|

DIMENSIONAL SPECIFICATIONS



EQUIVALENT DIAMETER*	LENGTH
8" to 12"	20"
over 12" to 22"	24"

* EQUIVALENT DIAMETER = $\frac{2 \times \text{WIDTH} \times \text{HEIGHT}}{\text{WIDTH} + \text{HEIGHT}}$



AIR MONITOR CORPORATION