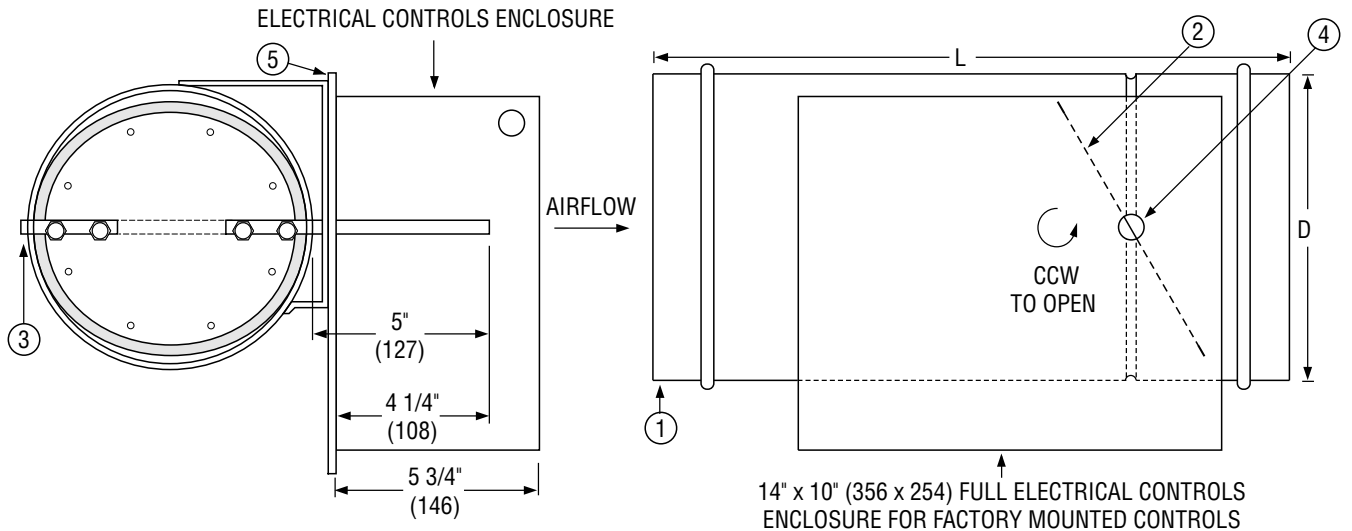




**BYPASS/DISCHARGE TERMINAL UNIT**  
 ROUND DUCT • BYPASS OR BRANCH STATIC  
 PRESSURE CONTROL • ANALOG ELECTRONIC  
**MODEL: 36VZR**



Dimensional Data			
Imperial Units (inches)			
Unit Size	CFM Range	D	L
6	0 - 500	5 7/8	18
7	0 - 725	6 7/8	18
8	0 - 900	7 7/8	18
9	0 - 1250	8 7/8	20
10	0 - 1400	9 7/8	20
12	0 - 2100	11 7/8	20
14	0 - 2950	13 7/8	22
16	0 - 3950	15 7/8	22

Dimensional Data			
S.I. Units (mm)			
Unit Size	L/S Range	D	L
6	0 - 236	149	457
7	0 - 342	175	457
8	0 - 425	200	457
9	0 - 590	225	508
10	0 - 660	251	508
12	0 - 991	302	508
14	0 - 1392	352	559
16	0 - 1864	403	559

**STANDARD CONSTRUCTION:**

1. Casing: 22 ga. (0.86), corrosion-resistant steel with stiffening beads. Size 14 and 16 are 20 ga. (0.91).
2. Blade: Two layers of 22 ga. (0.86), corrosion-resistant steel laminated together (equivalent to 16 gauge) with a cross-linked polyurethane peripheral gasket for tight shut-off. 90° rotation, CCW to open. Damper leakage is less than 2% of nominal CFM @ 6" w.g. as tested in accordance with ANSI/ASHRAE Standard 130.
3. Bearings: Self-lubricating oilite bronze.
4. Drive Shaft/Axles: 1/2" (13) diameter plated steel, double-bolted to blades. Indicator mark on the end of the shaft to show damper position. Built in open and close stops.
5. Controls enclosure: A 20 ga. (0.91) corrosion-resistant steel enclosure with conduit knock-outs supplied as standard when controls are factory mounted.
6. Gauge taps are provided for field balancing when controls are factory mounted.

7. Right-hand control location is standard (as shown). Left-hand is optional.

**OPTIONS:**

- 24 volt Control Transformer
- Toggle Disconnect Switch

**CONTROLS:**

See separate submittal.

<b>SCHEDULE TYPE:</b>	
<b>PROJECT:</b>	
<b>ENGINEER:</b>	
<b>CONTRACTOR:</b>	

Dimensions are in inches (mm).

DATE	B SERIES	SUPERSEDES	DRAWING NO.
9 - 9 - 00R	3600	8 - 4 - 98	36VZR-1