

# 101ABBD ROUND BAROMETRIC BYPASS DAMPER

## SUBMITTAL



## 101ABBD *Round barometric bypass damper*

### DESCRIPTION

The 101ABBD is a fully adjustable, round barometric bypass damper. Accurate duct pressure is maintained throughout the distribution system regardless of varying air quantities delivered to the conditioned zones. The 101ABBD is recommended for use in systems 5 tons and under. The 101ABBD dampers are available in 8" – 16" diameter.

The 9" and 10" damper cylinders are fabricated from 22 gauge steel; the 12", 14" and 16" cylinders from 20 gauge steel. All dampers are constructed with a double rolled bead for added rigidity. The trailing end is crimped, with airflow direction clearly labeled for ease of installation. A high-density foam gasket provides an air tight and quiet seal.

Bypass installation can be vertical or horizontal; the counterbalance arm can be located on either side of the damper for added pivot clearance. The counterbalance weight is easily adjusted, and held securely through use of a set screw.

Celcon shaft bushings ensure quiet damper travel and minimum shaft wear.

### TECHNICAL DATA

#### **General:**

**Shell:** 20 – 22 gauge cold rolled galvanized steel

**Shaft:** ½" aluminum, round

**Travel:** 90°

### ORDERING INFORMATION

Part No.	Diameter	Length	Width
101ABBD08	8"	10"	14"
101ABBD09	9"	11"	15"
101ABBD10	10"	12"	16"
101ABBD12	12"	14"	18"
101ABBD14	14"	16"	20"
101ABBD16	16"	18"	22"

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