

**BYPASS DAMPERS FOR ZONEX SYSTEMS (BAROMETRIC)**



**101ABBD Series Barometric Bypass Dampers**



- Fabricated from heavy gauge steel (22 gauge for 9-10 in., 20 gauge for 12-18 in); each cylinder features two rolled beads to provide structural integrity
- Trailing end is crimped for ease of installation; airflow direction clearly labeled for ease of installation
- 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
- 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
- Accurate duct pressure is maintained throughout the distribution system regardless of varying air quantities delivered to the conditioned zones
- Low pressure; 0.5 in. W.C. maximum pressure differential
- Air pressure open, gravity close; 90 degree stroke/travel
- System compatibility: DigiTract 3, DigiTract 4

PART NO	DAMPER TYPE	SHAPE	DAMPER CONFIGURATION	DUCT OPENING DIA (IN)	LENGTH (IN)	CLEARANCE WIDTH (IN)
101ABBD09	Bypass-Barometric	Round	Round Blade	9	11	9 (plus shaft)
101ABBD10	Bypass-Barometric	Round	Round Blade	10	12	10 (plus shaft)
101ABBD12	Bypass-Barometric	Round	Round Blade	12	14	12 (plus shaft)
101ABBD14	Bypass-Barometric	Round	Round Blade	14	16	14 (plus shaft)
101ABBD16	Bypass-Barometric	Round	Round Blade	16	18	16 (plus shaft)

**BYPASS DAMPERS FOR ZONEX SYSTEMS (BAROMETRIC)**



**RBB Series Barometric Bypass Dampers**



- Fabricated from 20 gauge steel
- Dampers are "slip-in" type, with airflow direction clearly labeled for ease of installation
- High-density foam gasket provides an air tight and quiet seal
- Bypass installation is mounted horizontally; the counterbalance arm can be located on either side of the damper for added pivot clearance
- Counterbalance weight is easily adjusted and held securely through the use of a set screw
- Nylon shaft bushings ensure quiet damper travel and minimum shaft wear
- Accurate duct pressure is maintained throughout the distribution system regardless of varying air quantities delivered to the conditioned zones
- Low pressure; 0.5 in. W.C. maximum pressure differential
- Air pressure open, gravity close; 90 degree stroke/travel
- System compatibility: DigiTract 3, DigiTract 4

PART NO	DAMPER TYPE	SHAPE	DAMPER CONFIGURATION	DUCT OPENING WIDTH (IN)	DUCT OPENING HEIGHT (IN)
RBB12X8	Bypass-Barometric	Rectangular	Single Blade	12	8
RBB12X10	Bypass-Barometric	Rectangular	Single Blade	12	10
RBB12X12	Bypass-Barometric	Rectangular	Single Blade	12	12
RBB20X8	Bypass-Barometric	Rectangular	Single Blade	20	8
RBB20X10	Bypass-Barometric	Rectangular	Single Blade	20	10
RBB20X12	Bypass-Barometric	Rectangular	Single Blade	20	12
RBB24X8	Bypass-Barometric	Rectangular	Single Blade	24	8