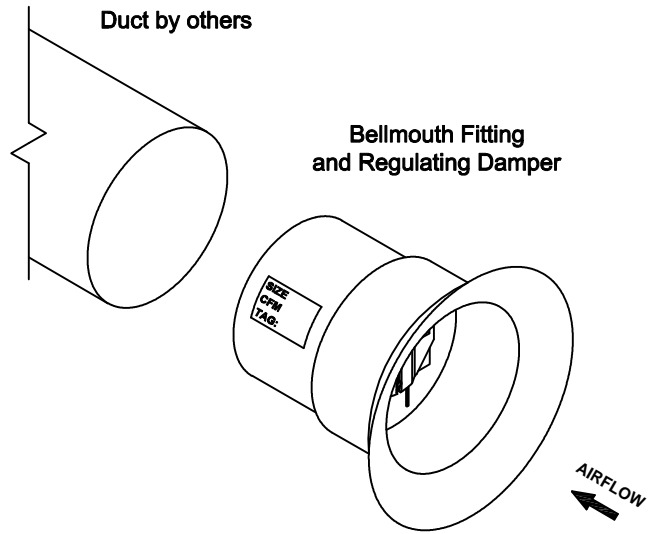




**SUBMITTAL DATA**  
**Precision/Flow™ SYSTEM BM-10-S**  
**Bellmouth Take-off (for supply applications)**

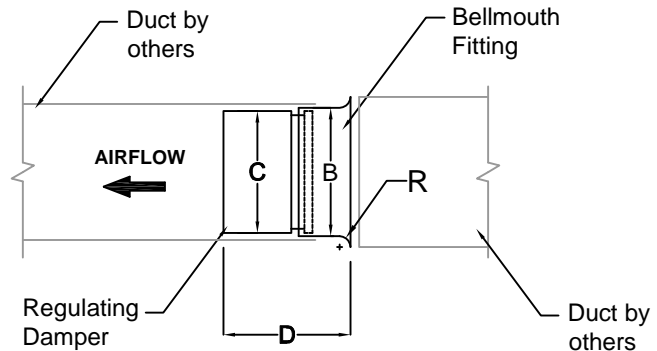
**Application and Design:**

Precision/Flow™ System BM-10-S is a factory set constant volume control damper composed of fire retardant plastics. It contains a self regulating airfoil damper blade and spring piston design to maintain a factory preset air volume flow. These dampers are designed to operate in a pressure range of 0.2" wg to 0.8" w.g. They automatically adjust for variable duct pressures caused by building pressure, thermal stack effect, dust build-up, etc. This system also creates a very cost effective answer to balancing air systems for HVAC and ventilation in high rise buildings, without the requirement for on-site balancing, electrical / pneumatic controls or sensors. System BM-10-S requires no standard maintenance under normal conditions.



**STANDARD CONSTRUCTION:**

- Sleeve: 24 GA Galvanized Steel
- Regulating Damper: UL94V-0 ABS Plastic
- UL 2043 listing



Range of Operation Static Pressure	
Minimum	0.2" w.c.
Maximum	0.8" w.c.

Damper (nominal)	B	R	C	D
4 (101.6)	4 (101.6)	0.63 (15.9)	3.8 (96.5)	5.32 (135)
5 (127)	5 (127)	0.75 (19.1)	4.5 (114.3)	5.92 (150)
6 (152.4)	6 (152.4)	0.88 (22.2)	5.5 (139.7)	6.12 (156)
8 (203.2)	8 (203.2)	1 (25.4)	7.2 (182.9)	6.06 (154)
10 (254)	9 (228.6)	1 (25.4)	8.9 (226.1)	7.46 (190)

\*Sizes in inches (millimeters)

Job Name: \_\_\_\_\_

Location: \_\_\_\_\_

Architect: \_\_\_\_\_

Engineer: \_\_\_\_\_

Contractor: \_\_\_\_\_

**Precision/Flow™ SYSTEM BM-10-S**  
 (Bellmouth Take-off for Supply Applications)

DRAWN BY: DD	DATE: 9-18-14	REV. DATE: 8-8-15	REV. NO. 8	APPROVED BY: CLJ	DWG. NO.: L-4a
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