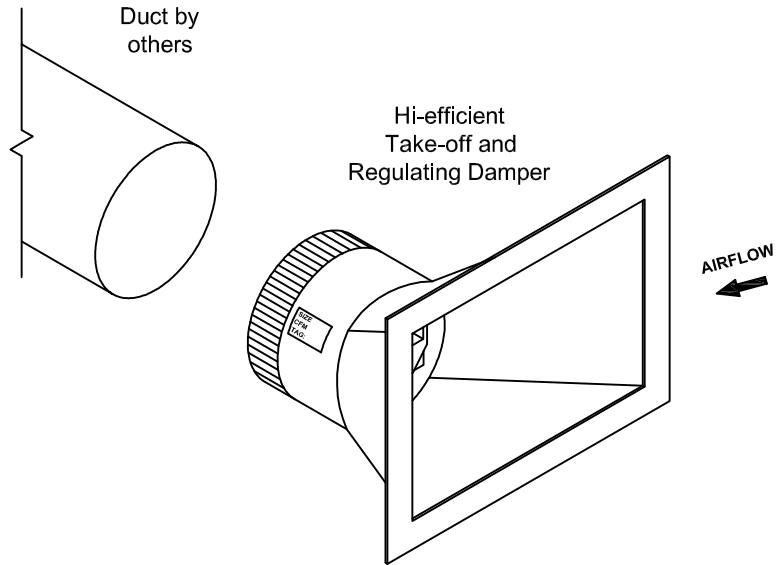


SUBMITTAL DATA
Precision/Flow™ SYSTEM Hi-10-S
Hi-efficiency Take-off (for supply applications)

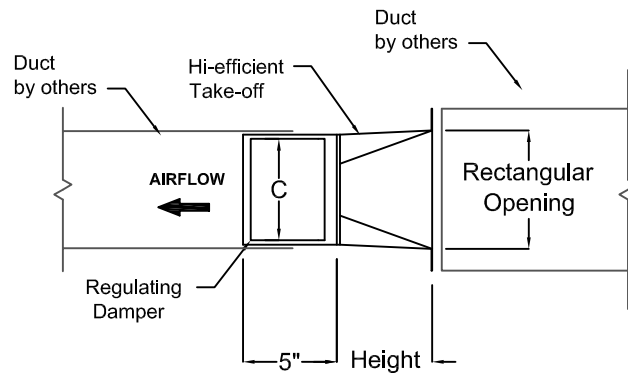
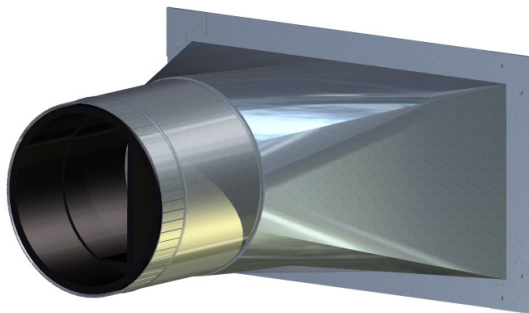
Application and Design:

Precision/Flow™ System Hi-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 0.20" wg to 0.80" 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 constant volume low pressure systems, without the requirement for on-site balancing, electrical / pneumatic controls or sensors. System Hi-10-S requires no standard maintenance under normal conditions.



STANDARD CONSTRUCTION:

Regulating Damper: UL94V-0 ABS Plastic
 24 GA Hi-efficient Take-Off Construction
 UL 2043 listing



Range of Operation Static Pressure	
Minimum	0.20" w.c.
Maximum	0.80" w.c.

Damper (nominal)	C	Rectangular Opening	Height
6 (152.4)	5.5 (139.7)	12 x 6 (304.8x152.4)	10.5 (266.7)
8 (203.2)	7.2 (182.9)	12 x 6 (304.8x152.4)	10.5 (266.7)
10 (254)	8.9 (226.1)	16 x 6.75 (406.4x171.5)	11.5 (292.1)

*Consult factory for sizes not shown

*Sizes in inches (millimeters)

Job Name: _____
 Location: _____
 Architect: _____
 Engineer: _____
 Contractor: _____

Precision/Flow™ SYSTEM Hi-10-S
 (Hi-efficient Take-off for supply applications)

DRAWN BY: DD	DATE: 9-18-14	REV. DATE: 10-12-16	REV. NO. 9	APPROVED BY: CLJ	DWG. NO.: L-4c
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