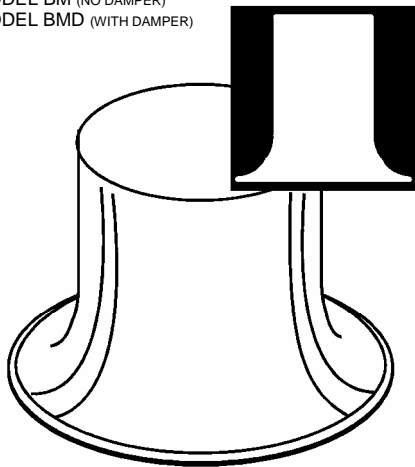


SUBMITTAL DATA

BELLMOUTH FITTING

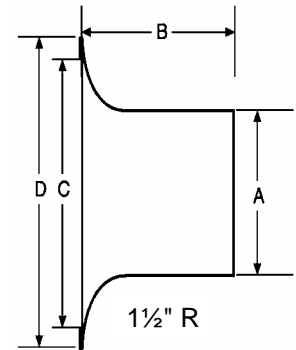
MODELS BM & BMD

MODEL BM (NO DAMPER)
MODEL BMD (WITH DAMPER)



DIMENSIONAL DATA

Flex Size	Overall Length		Hole Size	Overall Diameter
	BMD	BM		
A*	B	B	C	D
5	6	6	8	9
†6	6	6	9	10
7	6	6	10	11
†8	6	6	11	12
9	6	6	12	13
†10	6	6	13	14
†12	6	6	15	16
†14	6	6	17	18
16	9	2¾	19	20
18	9	2¾	21	22
20	9	2¾	23	24



*A dimension undercut by 3/16"
† One piece construction
24 Gauge Galvanized Steel

Note: All dimensions are in units of inches.

Specifications

- A. Contractor shall provide Buckley Bellmouth take-offs at all branch duct locations.
- B. Bellmouth fitting shall be Model BM (or BMD with damper).
- C. Bellmouths shall be constructed of heavy duty galvanized steel. Bellmouths shall include air-tite neoprene gasket to ensure a tight fitting with minimal leakage. Pre-drilled holes shall be provided for quick mounting. Bellmouth fitting shall be constructed utilizing automated machinery to ensure consistent sizing.
- D. Standard damper hardware to be constructed of 26 gauge galvanized material with a quadrant damper and tight fitting gasketing to ensure minimal leakage at damper pivot points.
- E. Optional heavy duty hardware shall be provided at locations of higher static pressure where shown on drawings.

Features of Bellmouth

- High Efficiency Takeoff
- Energy Savings
- Reduced Static Pressure (Savings 45% on pressure)
- Low Cost/Precision Engineered
- Air Tite Installation
- High Velocity/Low Velocity Application (Ideal for VAV Design)

To maintain Buckley's policy of continuous improvement, we reserve the right to change prices, specifications, ratings or dimensions without notice or obligation. **Manufactured by Sheet Metal Union - Local 17.**

Standard Construction

- 24 Gauge Galvanized Steel
- .125" Neoprene Gasket on Flange
- Pre-drilled holes on Flange

Note: 16", 18" & 20" Bellmouths are 18 Gauge

**BUCKLEY AIR-TITE
BELL MOUTH**
Patent No. 4249758

Installation Instructions

- Cut the Hole 3" larger than the collar size
- Peel the paper off gasket and stick over hole

BUCKLEY AIR PRODUCTS
Bell Mouth Fitting U.S. Patent No. 5,370,360

MANUFACTURED BY: Buckley Associates, Inc. HANOVER, MA

Visit us on the World Wide Web at: <http://www.buckleyonline.com>

