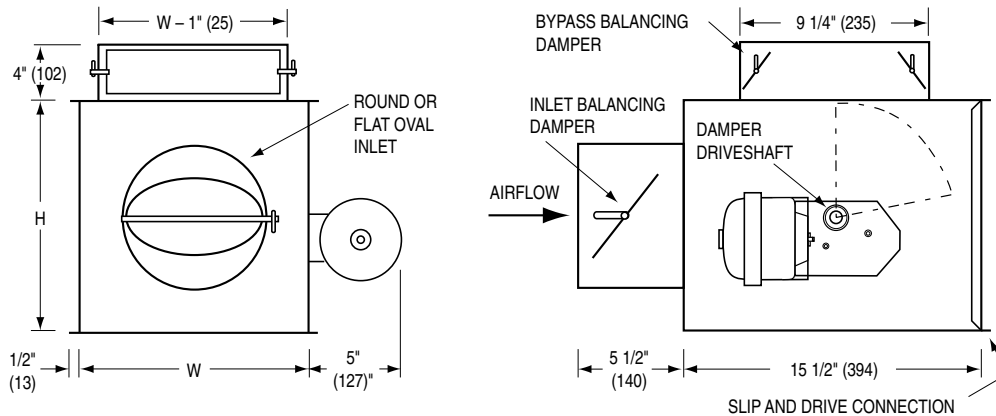




**BYPASS TERMINAL UNIT  
PNEUMATIC CONTROL  
MODEL: P3400**



**Dimensional Data**

Unit Size	Airflow Range cfm (l/s)	W	H	Inlet Size
6	0 – 400 (0 – 189)	10 (254)	12 1/2 (318)	5 7/8 (149) Round
8	0 – 700 (0 – 330)	12 (305)	12 1/2 (318)	7 7/8 (200) Round
10	0 – 1100 (0 – 519)	14 (356)	12 1/2 (318)	9 7/8 (251) Round
12	0 – 1600 (0 – 755)	18 (457)	12 1/2 (318)	12 15/16 x 9 13/16 (329 x 249) Oval
14	0 – 2100 (0 – 991)	24 (610)	12 1/2 (318)	16 1/16 x 9 13/16 (408 x 249) Oval
16	0 – 2750 (0 – 1298)	28 (711)	12 1/2 (318)	19 3/16 x 9 13/16 (487 x 249) Oval



**Standard Features:**

- Casing – 22 ga. (0.86) galvanized steel with round or flat oval inlets. Outlets are rectangular with slip and drive connections.
- Damper – Heavy gauge steel cylindrical "Flow Diverter" valve design for reliable long term operation. 90° rotation. CW to close.
- 1/2" (13) dia. plated steel driveshaft. An indicator mark on the end of the shaft shows damper position.
- 3/4" (19) dual density insulation. Exposed edges are coated to prevent airflow erosion. Material meets requirement of NFPA 90A and UL 181 standards.
- Inlet balancing damper.
- Adjustable bypass port balancing dampers.

- Tested in accordance with ANSI / ASHRAE Standard 130 and AHRI 880, in an independent test laboratory.
- Compact low profile design is ideally suited for installation in tight spaces.
- Right hand controls location is standard (shown) when looking in direction of airflow. Optional left hand controls mounting is available when damper is CCW to close.
- Bypass port may be removed for ducted return applications.
- Gauge tap for system balancing.

**Controls:**

- Pressure dependent pneumatic by Nailor. Direct drive rotary actuator MCP-3631 Series. Factory supplied

and mounted (see separate submittal).

- By Others.

**Options and Accessories:**

- Bottom access door.
- Round / Oval discharge collar.
- Integral attenuator (casing length changes from 51 1/2" (394) to 51 1/2" (1308) long).
- Multiple-outlet attenuator (see separate submittal).
- Special features:

<b>SCHEDULE TYPE:</b>
<b>PROJECT:</b>
<b>ENGINEER:</b>
<b>CONTRACTOR:</b>

Dimensions are in inches (mm).

<b>DATE</b>	<b>B SERIES</b>	<b>SUPERSEDES</b>	<b>DRAWING NO.</b>
3 - 30 - 17	3400	8 - 20 - 08	P3400-1