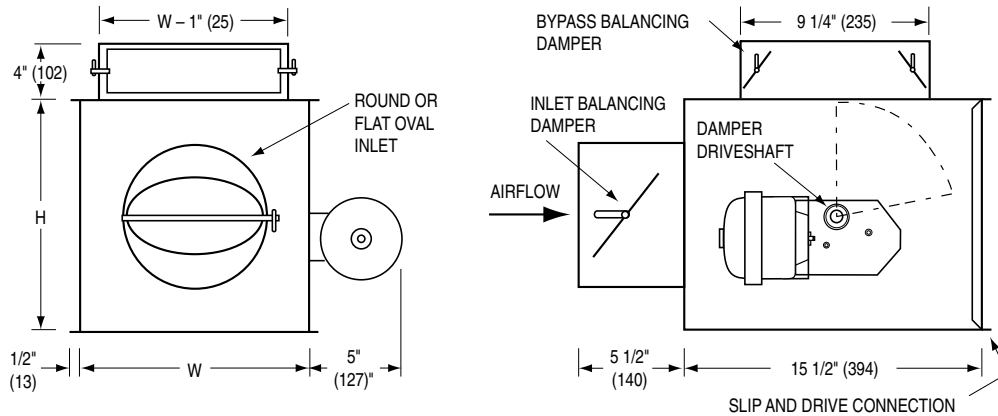




**BYPASS TERMINAL TERMINAL UNIT
PNEUMATIC CONTROL
MODEL: P3400 MK II**



Dimensional Data

Imperial Units (inches)				
Unit Size	cfm Range	W	H	Inlet Size
6	0 - 400	10	12 ½	5 ⅞ Round
8	0 - 700	12	12 ½	7 ⅞ Round
10	0 - 1100	14	12 ½	9 ⅞ Round
12	0 - 1600	18	12 ½	12 ⅛ x 9 ⅜ Oval
14	0 - 2100	24	12 ½	16 ⅛ x 9 ⅜ Oval
16	0 - 2800	28	12 ½	19 ⅜ x 9 ⅜ Oval

Metric Units (mm)				
Unit Size	l/s Range	W	H	Inlet Size
6	0 - 189	254	318	149 Round
8	0 - 330	305	318	200 Round
10	0 - 519	356	318	251 Round
12	0 - 755	457	318	329 x 249 Oval
14	0 - 991	610	318	408 x 249 Oval
16	0 - 1322	711	318	487 x 249 Oval



Standard Features:

- Casing - 22 ga. 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 130-1996 and ARI 880-98, 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:

SCHEDULE TYPE					
PROJECT					
ENGINEER		DATE	B SERIES	SUPERSEDES	DRAWING NO.
CONTRACTOR		2 - 13 - 06	3400	10 - 01 - 01	P3400-1

Dimensions are in inches (mm).