



# PRESSURE DAMPER

## Product Description

P2M's pressure dampers help to maintain and balance a desired positive pressure differential inside the cleanroom against its external environment. A positive pressure differential ensures that external unfiltered air (with contaminants) is kept out of the cleanroom.

When the pressure inside the cleanroom is lower than desired, the damper will close to aid pressure build-up within the cleanroom. Conversely, when the pressure inside the cleanroom is higher than the limit, the damper flaps open automatically to bring it down to the desired level.

Pressure dampers are available in single-round, double-round and rectangular configuration to better serve customers' requirements.

## Features

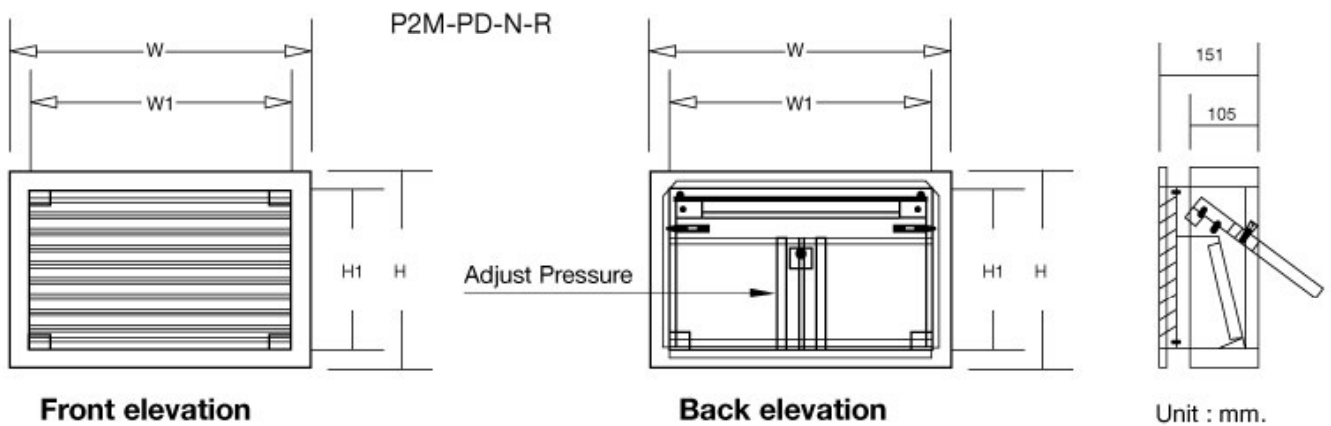
- Maintains pressure inside a cleanroom at a constant desired positive differential level.
- Available in single-round, double-round, and rectangular configuration
- Ease of installation.

## Applications

An ideal choice for all types of environments where pressure stability within a room is desired.

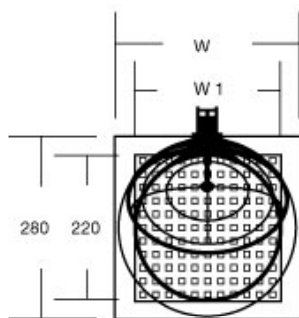


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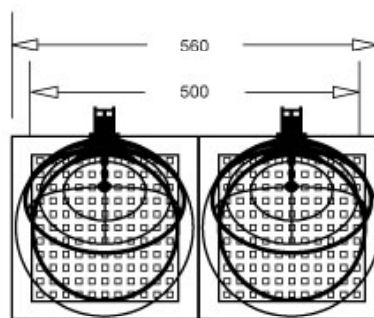


## Standard Technical Specifications

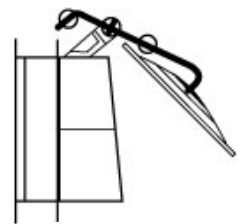
MODEL	P2M-PD-300R	P2M-PD-300S	P2M-PD-600R	P2M-PD-600D	P2M-PD-900R
EXTERNAL DIMENSION W X H	355 X 255	280 X 280	455 X 305	560 X 280	550 X 355
INTERNAL DIMENSION W1 x H1	295 X 195	220 X 220	395 X 245	500 X 220	505 X 305
CONSTRUCTION	ELECTROGALVANIZED METAL SHEET				
FINISHING	POWDER COATING				
ADJUSTABLE PRESSURE	0.5 - 2.0 MM,Aq		0.5 - 2.5 MM,Aq		0.5 - 3.0 MM,Aq
AIR FLOW ( M3 / MIN )	5-10		10 - 15		15-10
WALL OPENING SIZE	W + 5MM., H+5 MM				
WALL THICKNESS	CUSTOMER TO SPECIFY				



P2M-PD-300S



P2M-PD-600D



Customized orders are most welcomed.

The following options are available:

1. 100% Stainless Steel
2. Pre-filter
3. Insect-net

W = External Width  
 W1 = Internal Width  
 D = External Depth  
 D1 = Internal Depth  
 H = External Height  
 H1 = Internal Height



**P2M (THAILAND) CO. LTD**

75/8 Moo. 11, T.Klong Nueng, A. Klong Luang,  
 Pathumthani 12120. Thailand  
 Tel. (66) 0 2520 3976-9 Fax. (66) 0 2520 3998  
 Email : sales@p2mgroup.com.  
 Website : www.p2mgroup.com

