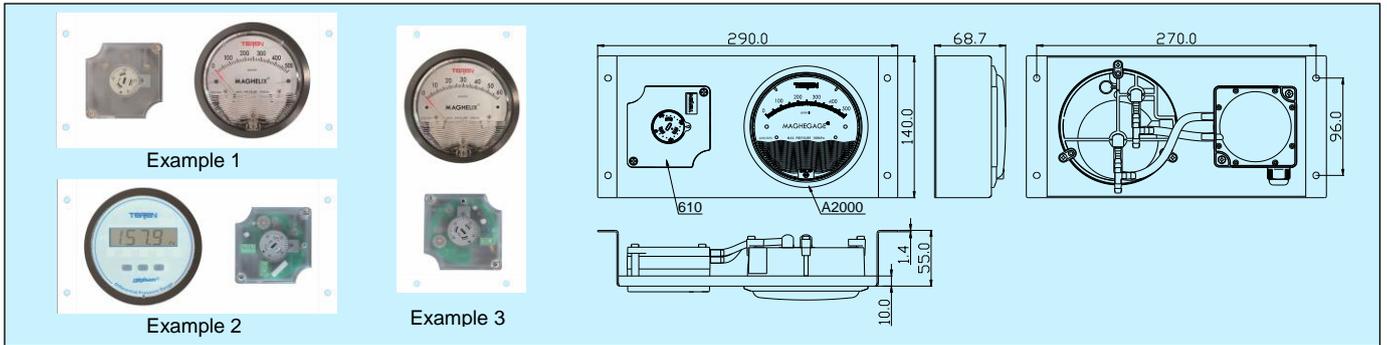


FA Filter Alarm



Applications & Features

- Apply for various air condition equipment (such as AHU) or air condition system filter's monitor, or ventilation systems and equipment such as blowers, dust collect equipment monitor.
- It includes a DP gauge and a DP switch, can display differential pressure on site (this is the function of the gauge), set alarm point on site, and provide on-site sound and light alarm or relay output (this is the function of the switch).

Specifications

Medium: non-combustible, non-corrosive air

Bracket: spray galvanized steel plate, color can be customized, standard color: RAL9016

Weight: 1Kg (including the bracket, DP gauge and DP switch)

Protection: Depending on the selection of DP switch or DP gauge, which is lower

Install: Horizontal or vertical, see installation instructions

Differential pressure switch: Refer to 610/611/612 for details

Model	610	611	612
Range	20-300,50-500,100-1000,500-2500Pa		
Power	-	85~250VAC	9~28VAC/DC
Alarm	-	Red/green LED, buzzer, mute button	
Output	SPDT,2A/250VAC, 1A/30VDC	-	SPST,3A/30VDC/AC

Differential pressure gauge: Refer to A/B2000 or D2/D2P

Model	A/B2000	D2	D2P
Range	0-250, 500,1000, 2000, 3000Pa, etc		
Power	-	Battery AAx4	16~28VAC/DC or 85~265VAC
Alarm	-	sound-light alarm	
Display	Pointer	LCD digital	LCD or LED digital

Models: it is a combination product, the P/N is as: FA-xxx-yyy-V

FA: Product series code

xxx: Model of DP switch, such as 610.01, see 610's datasheet

yyy: Model of DP gauge, such as A2000-500Pa, see A2000's datasheet

V: The product is assembled in vertical rows and the DP gauge is on top. Horizontal is default.

Model example (correspond to the pictures above):

1. Model is FA-610.01-A2000-500Pa, means: FA combination product, horizontal; the switch is 610.01 on left; the gauge is A2000-500Pa on right. The product is assembled totally when deliver.
2. Model is FA-D2P4010-612.01, means: FA combination product, horizontal; the gauge is D2P4010 on left; the switch is 612.01 on right. The product is assembled totally when deliver.
3. Model is FA-A2000-60Pa-611.01-V, means: FA combination product, vertical; the gauge is A2000-60Pa on top; the switch is 611.01 at bottom. The product is assembled totally when deliver.

Installations

Take the configuration of A2000 and 610 as an example.

1. Installation method: As shown in Figure 1, use the 4 long screws in the accessory kit to fix the product on.
2. External air pressure connection: the DP gauge and the DP switch have already been internally connected at factory. Customer only needs to complete the external pressure (high and low) connections.
 Vertical: DP gauge is on top and DP switch is at bottom. The connection way is shown in Figure 2 below.
 Horizontal 1: DP switch is on left and DP gauge is on right. The connection way is shown in Figure 3 below.
 Horizontal 2: DP gauge is on left and DP switch is on right. The connection way is shown in Figure 4 below.

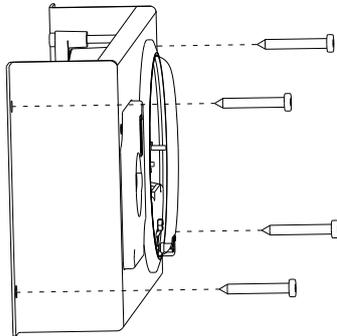


Figure 1

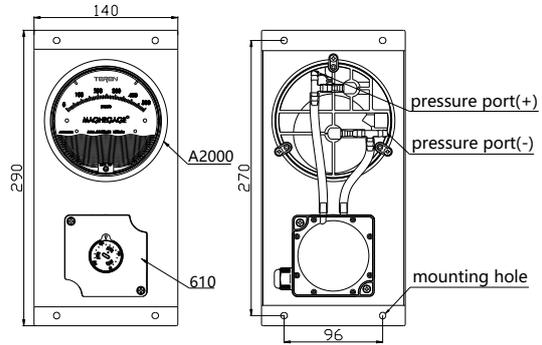


Figure 2

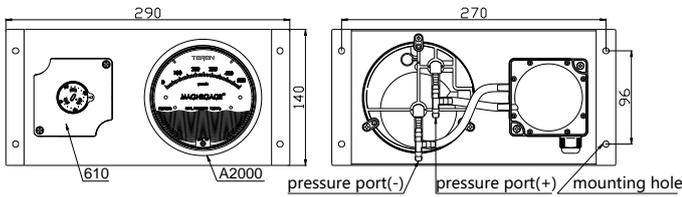


Figure 3

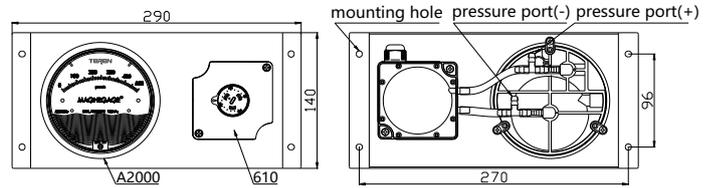


Figure 4

3. For D2P and 610/611/612, external power supply and/or control signal wiring is required. See D2P and 610/611/612 product manuals for details. If the differential pressure gauge is D2, the 4xAA battery need to be installed or replaced. See D2 product manual for details.

Warranty

It has limited warranty for eighteen (18) months after the production date.



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