

Technical Data Sheet



AirQon Synergies

G6 Gravity Shutter Damper

DESCRIPTION

The G6 Gravity shutter/backdraft damper/pressure relief damper/Flapper are used in a place where air passage is required with respect to pressure or it can be used as pressure reliver or at the place of negative pressure.

This damper's louvers move freely when used in open space as per air volume which is being passes through. Or when duct gets over pressurized.

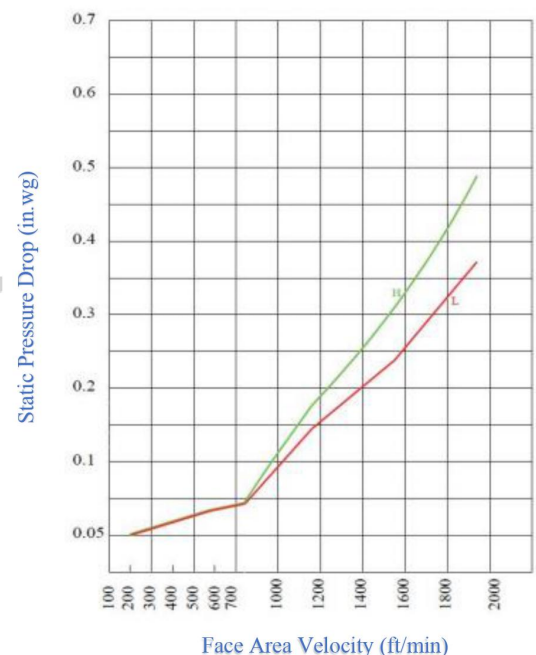


CONSTRUCTION

- FRAME: Galvanized steel sheet / Aluminium Alloy / Stainless Steel, Sheet Thickness is subjected to application. It varies from 1.5mm to 0.8mm Sizes (Sizes are available in custom fit).
- BLADES: Galvanized steel sheet 0.8 to 0.5 mm thick, 150 mm width.
- BLADES SHAFT: Galvanized steel 1/8" diameter
- SEALS: Gasket provided at the blades edge if required.
- FINISH: Mill Galvanized / Powder coated
- MOUNTING Vertical & Horizontal.

NOTE: When used in fan discharge application, damper should be located at the distance of atleast half of fan diameter from fan discharge

***Graphical Representation of Face Area Velocity (ft/min) and Pressure Drop (in)



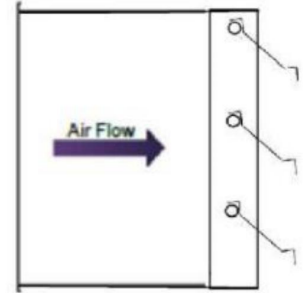
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Available Sizes

Height	Width							
	200	400	600	800	1000	1200	1400	1600
mm	CFM	CFM	CFM	CFM	CFM	CFM	CFM	CFM
300	494	980	1473	1959	2453	2946	3432	3926
348	574	1139	1714	2279	2853	3427	3992	4567
500	826	1639	2465	3278	4104	4930	5744	6569
652	1078	2139	3217	4278	5356	6433	7495	8572
804	1329	2639	3968	5278	6607	7936	9246	10575
956	1581	3139	4720	6277	7858	9440	10997	12578
1108	1833	3638	5471	7277	9110	10943	12748	14581
1260	2080	4128	6208	8256	10336	12416	14464	16544



Note: Air flow rate data was taken at face area velocity 763 fpm.