

FC-BRL-HP Blast Louver

VER 2025D

[Product Introduction]

FC-BLV-HP blast louver is developed for those applications where the louver shall be able to withstand the blast waves and mitigate the blast pressure passing into buildings with blocking rate up to 87% on loading pressure and 89% on loading impulse.

Thanks to its unique blade-array which is purposely designed to reflect the incident blast pressure, FC-BRL-HP blast louver could significantly mitigate the blast pressure passing through.

**[Product Features]**

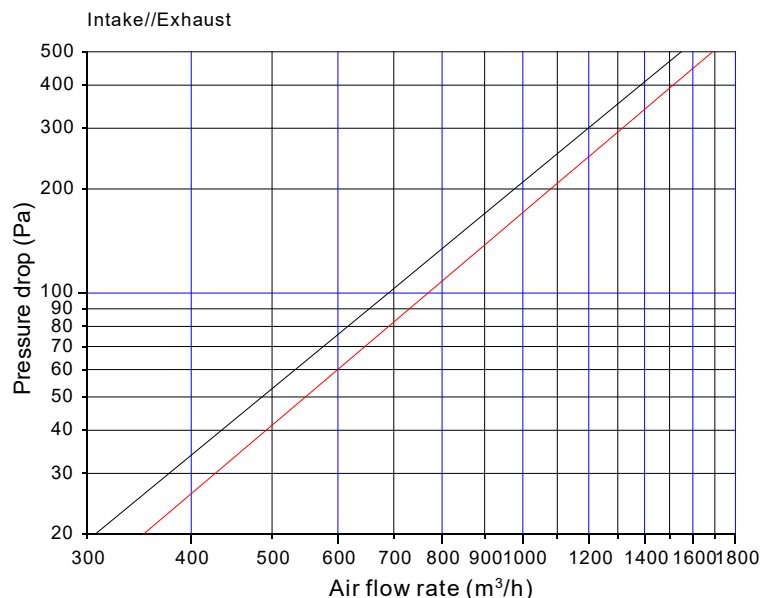
- ✓ Withstand 1500 KPa pressure reflected and 880 KPa.ms impulse.
- ✓ Able to withstand multiple blast impacts.
- ✓ Able to hold all components of the louver assembly in place during and after the blast hits.

[Part Number]

ATO PN: FCBRLHP-[A]-[B]-[C]-[D]-[E]

A	B	C	D	E
Frame Material	Blade Material	Mounting Type	Width (mm)	Height (mm)
1 - SS 316L	1 - SS 316L	IW - In the wall	0300	0300
2 - SS 304L	2 - SS 304L	OW - Wall Surface mounted	0700	0700
3 - HGS	3 - HGS		1000	1000
4 - Coated steel	4 - Coated steel		1500	1500
			...	...

Please contact FUCARE for customized damper size.

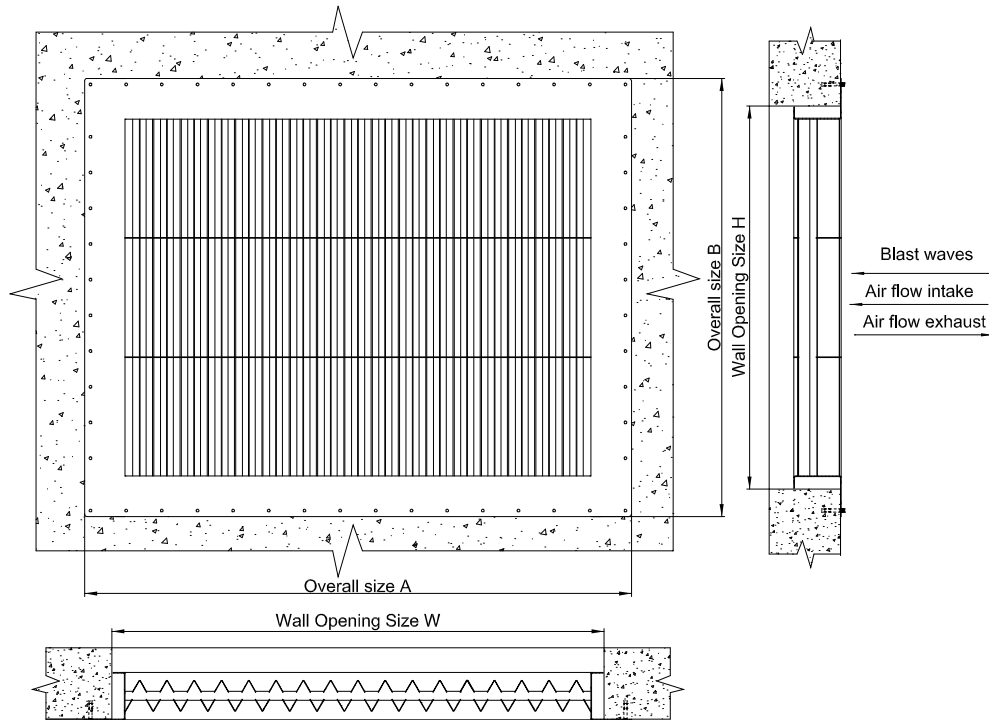
[Air Flow vs Pressure differential]

Pressure vs Air Flow Rate (size W350XH200 by AMCA 500D FIG 5.5)

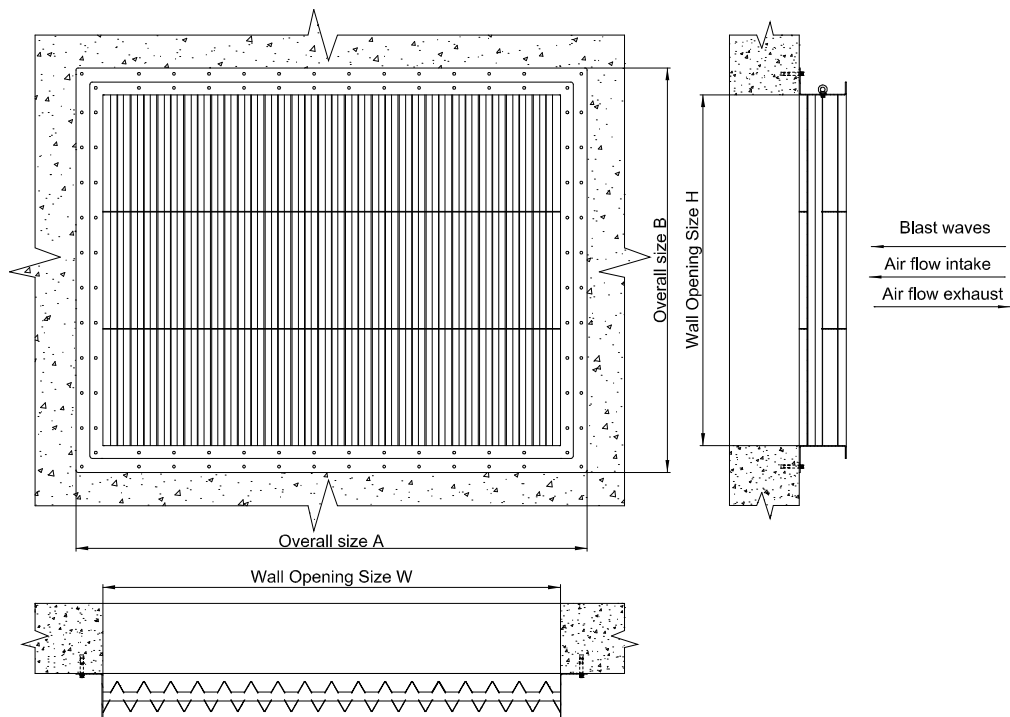
The beginning point of water penetration is 1.9 m/s free area velocity by AMCA 500-L. Sample size is 1200x1200 (mm).

[Mounting Type]

i. In the wall (FC-BRL-SP-IW)



ii. Wall Surface Mounted (FC-BRL-SP-OW)



Product is type tested by Eurofins Expert Services, Finland.

For more information, please contact FUCARE.