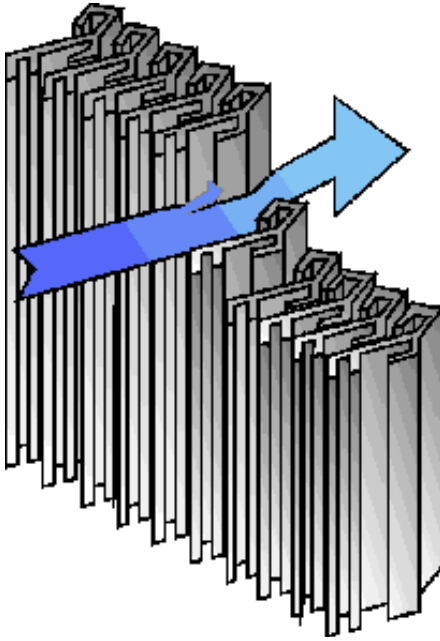


---

## *Airefil* Building Storm Louvres

---



*A storm louvre will remove large volumes of salt spray at velocities up to 6 m/s with minimal pressure loss. It is robust, corrosion-resistant and requires little maintenance.*

*Airefil* building storm louvres are specifically designed to eliminate the ingress of moisture where space restrictions indicate the need for high face velocities and wherever large quantities of sea spray or heavy driving rain are a problem. After many years of development in use protecting boats and gas turbines, a version is now available for building use.

*Airefil* building storm louvres are used extensively to protect main building inlets where they are in an exposed position or where special care needs to be made to protect sensitive equipment. All buildings located along the coastline potentially have a need for these units. They are custom built to project requirements and come complete with in-built drains, exit piping and specially designed cleanable manometric traps.

### *Installation*



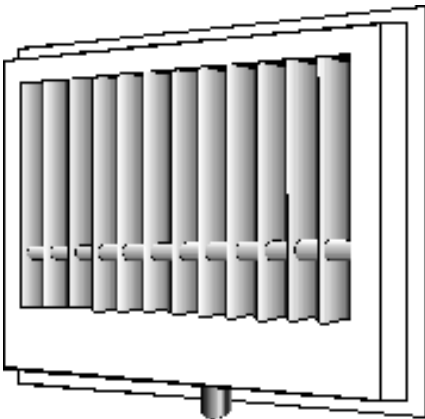
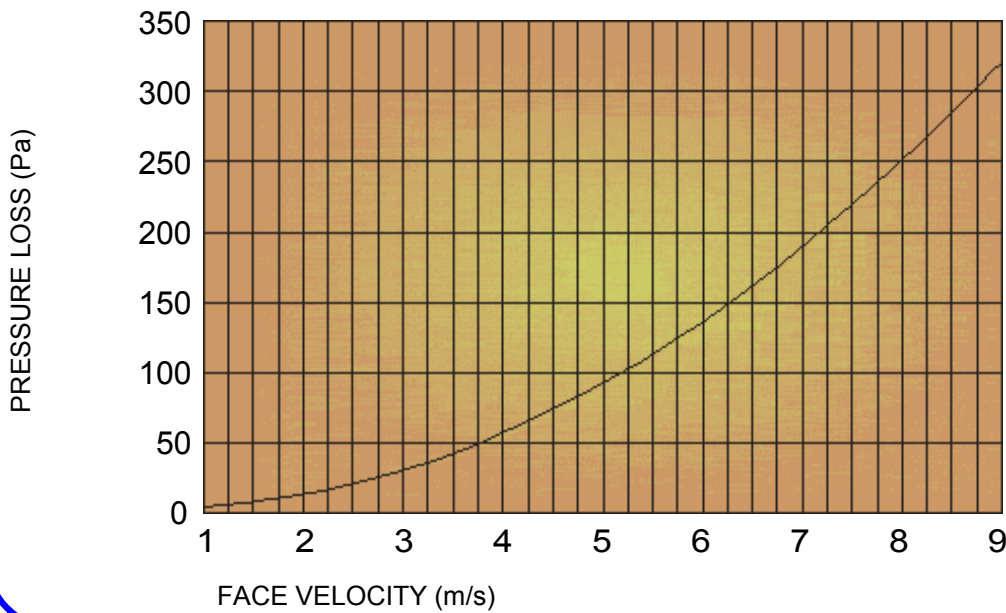
For the most demanding applications, *Airefil* building storm louvres are coupled with various specialised filter/coalescer components into 2 and 3 stage systems to provide effective salt and particulate removal for all building ventilation needs.

Performance	
Water Handling Capacity	240 litres/min per meter width of vane
Maximum Face Velocity	6.1 meters/sec
Efficiency	100% Visible Range

## PERFORMANCE DATA

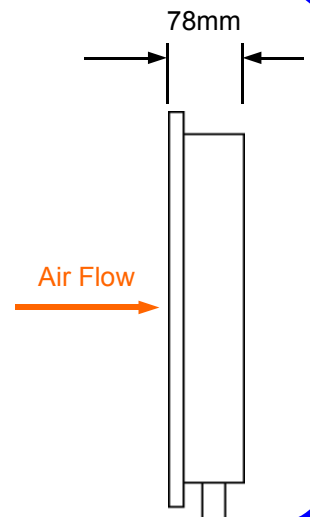
*This data is a guideline only. For more detailed information please contact Air Care Technology Ltd.*

### PRESSURE LOSS



Sizing Information	Width	Height
Facility's Opening	W	H
Over Flanges	W + 80 mm	H + 80 mm
Open Face Size (Use for pressure loss)	W - 60 mm	H - 180 mm
Overall Depth:		78 mm

The single stage system can be provided with either a front flange [as shown] or a rear flange. Please contact our engineering department to confirm details.



**Head Office**  
 Albert Street, Cambridge  
 PO Box 531, Cambridge, NZ

Telephone +64 7 827 4142 Ph 0800 774 100  
 Facsimile +64 7 827 8435 Fax 0800 774 101  
[www.aircaretechnology.com](http://www.aircaretechnology.com)

#### Related Products:

- Airefil** S-Series Bag Filters
- Airefil** 2 Stage Building Storm Louvres
- Airefil** 3 Stage Building Storm Louvres
- Airefil** GT2 Filter Coalescer Panel
- Airefil** HE10 & HE12 Industrial Barrier

#### Data Sheets:

- E54110
- E54118
- E54119
- E54126
- Sheet N/A