



Airlam is a remote controlled blades vent, for wall mounted installation. It is designed to bring fresh air on natural or mechanic smoke ventilation.

## DESCRIPTION

- Airlam is for wall mounted installation.
- Made from Extruded aluminium it can be natural anodised or lacquered (Powder coated).
- Airlam blades are synchronized:
  - Safety position: Opening of the blades by spring.
  - Waiting position: keeping the blades closed using a catch with electromagnet.
- Airlam options:
  - Thermal insulation of blades ( $K = 1.55 \text{ W/m}^2 \text{ }^\circ\text{C}$ ).
  - o/c switch to give information to the fire alarm.
  - Preframe to ease the wall installation.

## REGULATION

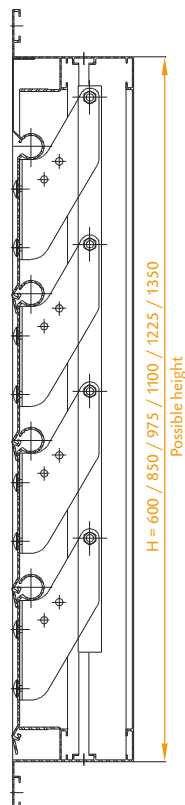
- Airlam conforms to the French NFS 61 937 standards.

## PROFILES

- Airlam is made from extruded aluminium.
- It is watertight in closed position.
- Blades could be thermal insulated if needed.

## PERFORMANCES

- Upon request and conforming to NFS 61 937 standard.



### COMPOSITION

- Extruded aluminium frame and blades set.
- Standard finish: silver anodised paint.
- Mechanism integrated in the vent.

### TYPES OF CONTROLS

Single opening, remote control:

- Electric, power on mode or failsafe open, 24 ou 48 Vcc.
- Pneumatic.

Manual closing by hand.

### DIMENSION LIMITS

- Dimensions minimum: 300 x 600 (10 dcm<sup>3</sup>).
- Dimensions maximum: 1,100 x 1,350 (101 dcm<sup>3</sup>).

### OPTIONS

- Thermal insulation of blades.
- Pre frame.
- o/c switches on catch.
- Anodised internal griddle.
- RAL paint 9010.

### INSTALLATION

Wall mounted installation:

- On curtain wall.
- On concrete wall (recommended to use pre- frame).

### LIMITS OF USE

- Range of wall mounted openings:  
+ or - 30° to the vertical.