



MAKE-UP AIR SOLUTIONS **AIRLET™ 4000** Acoustic-Filtering Surface-Mounted Inlet

PRODUCT
SPECIFICATIONS
& TECHNICAL
DATA

DESCRIPTION

The AIRLET™ 4000 was developed to satisfy the ever-increasing demands for noise-reducing air inlet technology and good indoor air quality. The front section of the vent is shaped to provide low air velocity and superior blending with ambient room air. The vent is available in two lengths: 18" (456mm) and 32" (806mm). The shorter vent is also available with a special storm shield that regulates air supply during heavy winds. A plastic external grille is available as an accessory.

INTERNAL ELEMENT

The interior element is made of extruded aluminum with end pieces of ABS Plastic. The vent is supplied with a standard dust and insect filter. Airflow is easily regulated by a manually adjustable regulator. The vent can also be delivered with a minimum-flow screw to secure a certain minimum flow rate.

MOUNTING

Screw the wall clips onto the frame and press the vent into place. The seal material on the backside of the vent ensures a tight fit against the frame. A sheet-metal drill pattern is available as an accessory. It aligns the drill and provides the correct distance between holes. The holes occur in a straight line on both sides.

SOUND DATA

The diagrams on the right show sound reduction with a fully open vent. The calculations are based on a reference area of 106.6 ft².

MAINTENANCE

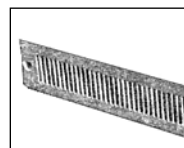
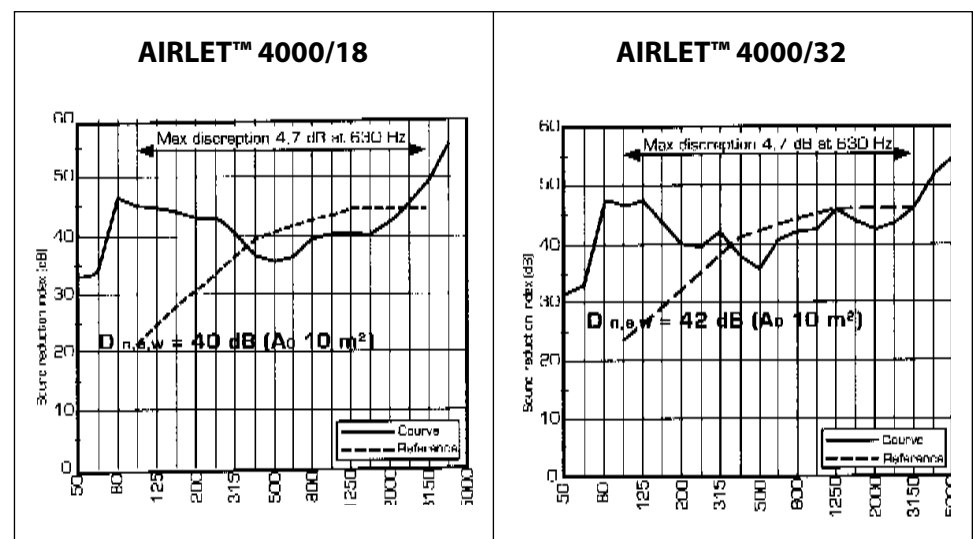
To ensure correct airflow and retain good air quality, it is important to keep the filter clean. Washing the filter one or two times per year with gentle soap or detergent is recommended. When necessary, the vent is easily dismantled for cleaning with a vacuum cleaner or a small brush. The vent is dismantled by loosening the screws to the wall clips (via the holes in the damper regulator). The filter is mounted in the front damper, which is easily removable.



FEATURES

- Noise-Reducing Window Air Inlet
- Manually Adjustable
- Made of Extruded Aluminum
- Standard Dust and Insect Filter

Sound Reduction



Flat grille (FG)

Used as external part when mounted on special construction (plastic).

Dimensions:
14-1/2" (368mm) x 1-1/8" (29mm)



Drill Pattern

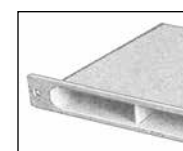
Aligns the drill and provides correct distance between holes.



Vertical grille (VG)

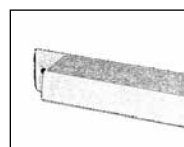
Used as external part when mounted vertically (plastic).

Dimensions:
14-1/2" (368mm) x 7/8" (22mm)



Channel 33

Intended for use in plastic and aluminum windows with hole profiles.



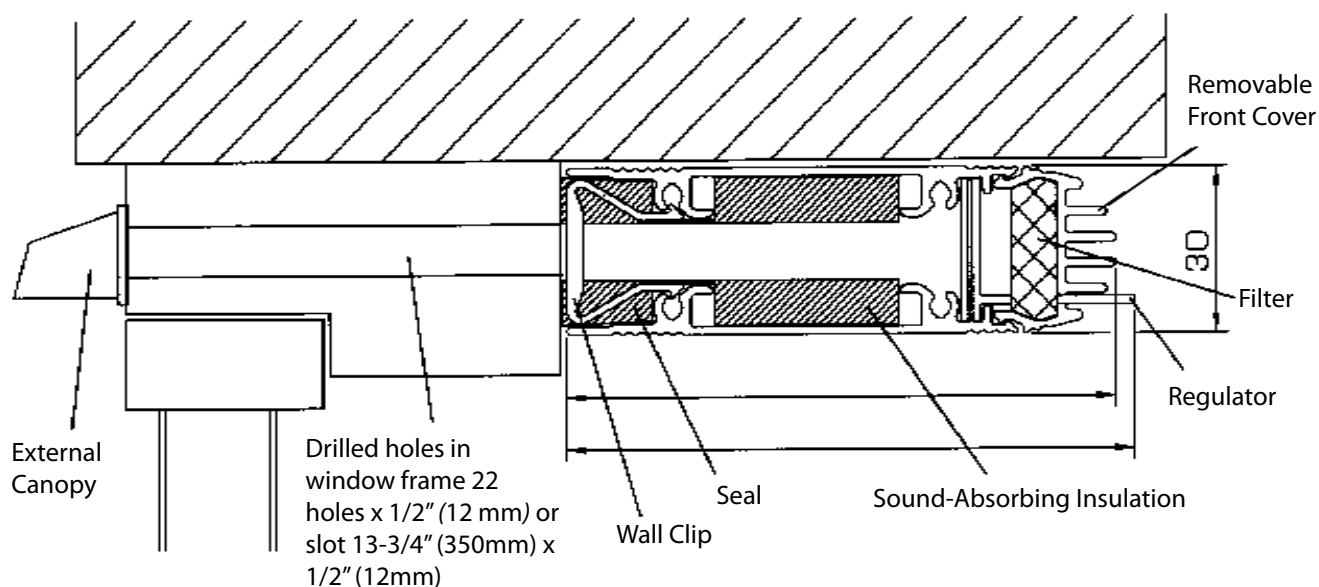
Horizontal grille (HG)

Used for horizontal mounting (plastic).

Dimensions:
15-3/4" (400mm) x 7/8" (22mm)

AIRLET™ 4000 is suitable for installation in windows in a noisy environment. The vent is installed in the upper part of the window frame. It is supplied with an infinitely variable damper regulator and filter.

Airlet™ 4000 Components



MODELS

PART NUMBER	MODEL	DESCRIPTION
14 201	AIRLET™ 4000/18	Noise-reducing, white, length 18" (456mm)
14 202	AIRLET™ 4000/32	Noise-reducing, white, length 31-3/4" (806mm)
14 203	AIRLET™ 4000/18WS	Noise-reducing, white, length 18" (456mm) including mounted storm shield

TECHNICAL DATA

PARAMETER	AIRLET™ 4000/18	AIRLET™ 4000/32	AIRLET™ 4000/18WS
Capacity at 0.10 w.g. (25 Pa) slot	20 CFM (35 m³/h)	18 CFM (30 m³/h)	20 CFM (35 m³/h)
Capacity at 0.10 w.g. (25 Pa) row of holes	18 CFM (30 m³/h)	15 CFM (25 m³/h)	18 CFM (30 m³/h)
Sound reduction (Dnew)	40 dB	42 dB	--
Slot opening dimension	13-3/4" (350mm) x 1/2" (12mm)	13-3/4" (350mm) x 1/2" (12mm)	13-3/4" (350mm) x 1/2" (12mm)
Row of holes dimension	22 holes x 1/2" (12mm)	22 holes x 1/2" (12mm)	22 holes x 1/2" (12mm)
Material	Aluminum and ABS Plastic	Aluminum and ABS Plastic	Aluminum and ABS Plastic
Color	White RAL 9010	White RAL 9010	White RAL 9010

WARRANTY

The entire unit is guaranteed for three (3) years, from date of shipment, against all manufacturing defects, provided the material has been installed and operated per manufacturer's instructions and under normal conditions. Warranty is limited to the repair or replacement of the material upon its return freight paid to our factory. This warranty is not transferable and is limited to the original end user.

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