AC

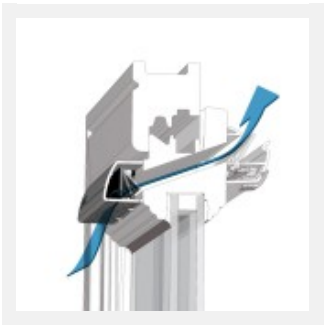
Airflow controller canopy

Description

Total airflow control

Not only does the AC external canopy protect the interior of the window from water infiltration and insects, it also controls the airflow to avoid over-ventilation through the use of a patented device. This ability makes the AC canopy particularly suitable for tall buildings or windy locations. The AC external canopy can be installed with either fixed or humidity sensitive air inlets.

Controls the airflow to limit the impact of high pressures on the facade.
Protects the internal structure of window against water infiltration.
Limits the air noise in windy conditions*.
* Only 38.8dB(A) @60Pa with an EMM air inlet at maximum airflow, to be compared with 45.7 dB(A) for a standard canopy.
Insect grille: protects the dwelling from insects.
Same screw spacing as AS, ASAM and A-EMM Aereco canopies.



Patented design to control the maximum airflow

The AC external canopy is designed to automatically limit the airflow through to use of a patented device. The mechanism is composed of a silicon flap that moves according to the airflow. It automatically reduces the internal cross-section of the inlet when the airflow becomes too high (see schematic tab).

Characteristics

Airflow controller canopy		AC
Standard code		AEA100 (white); AEA157 (brown); AEA156 (oak)
Description		Airflow controller canopy with insect grille
Air inlets compatibility		all Aereco window air inlets
Aeraulics		
Airflow @ 10 Pa with EMM, max. opening	m^3/h	30
Maximum air cross section	mm^2	5435
Air cross section @ 10 Pa	mm^2	4700

Characteristics

Weight	g	75
Available colours		white / brown / oak
Material		PVC (flap in silicon)
Anti-insect grille		■

Installation

Slot	depends on air inlet, up to (350 x 15) mm
Fixing on window	■
Fixing on rolling shutter casing	■

■: standard

Schematic

Airflow characteristics / Dimensions in mm