

## APOLLO ATI

### PRODUCT DESCRIPTION

*Certified according to EN 12101-2 and VdS-approved, Apollo ATI is a natural smoke and heat extraction ventilator which is primarily used in industrial, commercial and municipal buildings. Side dampers are integrated into the Apollo ATI body which can be opened for rain-proof day-to-day ventilation. Aerodynamically shaped vanes prevent the penetration of rainwater, while at the same time allowing ventilation, while side profiles direct this water away from the ventilator onto the roof.*

### FEATURES AND BENEFITS

- *Weather-resistant: side dampers & wind deflectors ensure efficient ventilation even in bad weather*
- *Well suited to various installation scenarios*
- *Very good performance classes according to EN 12101-2*
- *Manufactured in accordance with the requirements of ISO 9001 (quality management standard)*
- *High volume smoke extract*
- *Can either illuminate or blackout the interior of the building*
- *Available in widths from 1000mm to 1900mm, and lengths from 1000mm to 3000mm (in mm increments)*

**Description of the product**

The Apollo ATI is a high-performance natural ventilator designed for both smoke extraction during fire events and rainproof, day-to-day natural ventilation. Its flap design allows natural daylight to enter the building, improving indoor comfort.

Certified to EN 12101-2, the unit is built from corrosion-resistant AlMg3 aluminium for long-term durability. Continuous EPDM seals within the frame ensure excellent airtightness and weather protection, while the flaps—available in insulated aluminium or multi-wall polycarbonate—meet a range of thermal and lighting needs.

The polycarbonate (PC) sheets feature a co-extruded “longlife” layer for enhanced weather resistance and are mounted to allow thermal expansion without stress. The Apollo ATI is lightweight, easy to install on various roof types and upstands, and available in multiple sizes and base configurations.

Side dampers integrated into the long sides of the base open outward for rainproof ventilation. Aerodynamic rain channels and wind baffles help prevent water ingress. The unit operates via pneumatic cylinders or 24 V electric actuators.

**Two base options are available:**

- **B1** – Standard
- **B2** – Insulated base with enhanced thermal performance

The Apollo ATI offers high energy efficiency, low maintenance, and dependable ventilation in all weather conditions.

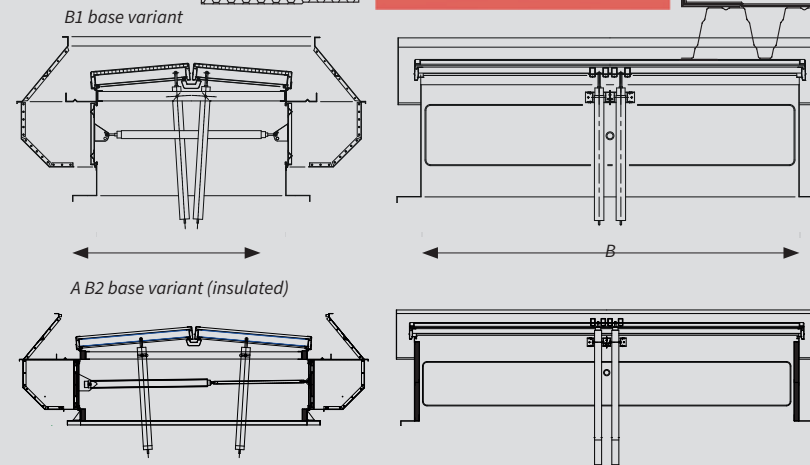
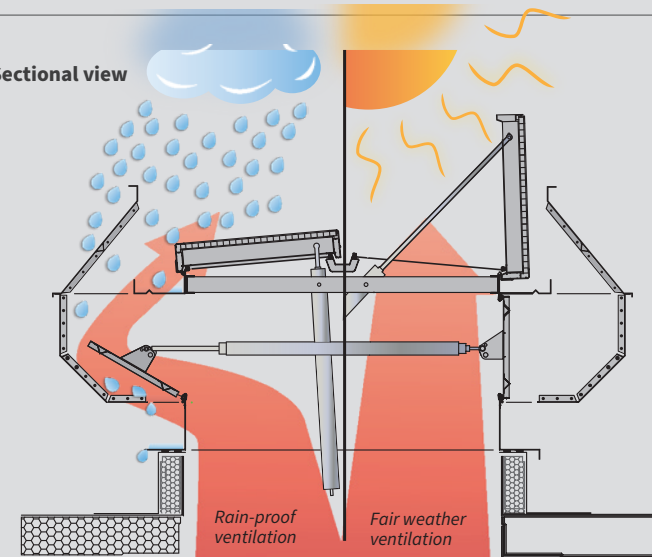
**The following flap variants are available:**

- 7-layer 16 mm PC (transparent/opaque/ grey/IR grey)
- PO16 H (hail-resistant PC sheet)
- 10-layer 32 mm PC (transparent/opaque)
- A2 double skin aluminium flap

**Product Information:**

- U value: Up to 1.49 W/m<sup>2</sup>K (when completely closed)
- Sound insulation:
  - With aluminium flaps:
    - › When completely closed: 26.0 dB
    - › With open side dampers: 15.0 dB
  - With polycarbonate flaps:
    - › When completely closed: 20.0 dB
    - › With open side dampers: 14.0 dB
- Fall-through protection: Fall-through proof over many years up to 1200 J to GS-BAU-18
- Resistance to hail and impacts has been tested
- Fall-through integrated grid 1200J according to EN 1873

Sectional view



DIMENSIONS (mm)				WEIGHT (kg)					
Unit opening Width A	Unit opening length B	Geometrical area A <sub>v</sub> (m <sup>2</sup> )	Effective area A <sub>s</sub> (m <sup>2</sup> )	PC16 B1	PC16 B2	PC32 B1	PC32 B2	A2 B1	A2 B2
1000	3000	2.5	1.70 * / 1.85**	103	135	106	138	107	150
1300	3000	3.25	2.21 * / 2.41**	115	149	118	152	133	168
1500	3000	3.75	2.55 * / 2.78**	121	156	125	161	141	178
1700	3000	4.25	2.85 * / 3.19**	128	165	132	169	148	186
1900	3000	4.75	3.18 * / 3.56**	139	178	144	183	165	205

\* Effective area when installed into a flat roof | \*\* Effective area when installed into a 30° saw tooth rooflight

**KEY FEATURES**

- In accordance with EN 12101-2
- Wind load class: WL 1500
- Snow load class: Variable, up to 6500 N/m<sup>2</sup>
- Operating temperature: T(00) / T(-15)
- Resistance to heat: B300 – E
- Reliability: Smoke ventilation: 1000 cycles
- Day-to-day ventilation +10000 cycles
- High smoke extraction performance
- Available in sizes up to a maximum width × length of 1900 × 3000 mm, in millimetre increments

**Flap variants**

