

Simon

The Airstrip 400 is an all aluminium, thermally broken ventilator with an external hood and also incorporates the unique Simon twin shutter system, which gives you an enhanced thermal performance. The external aluminium hood combined with the thermally broken design allows you to mix/match the colours of the internal/external faces of the ventilator. The versatility of this ventilator makes it suitable for all markets.

Airstrip400

Specification

- Elegant unobtrusive design
- High performance glazed-in ventilator including external hood
- Optional internal updraught deflector
- Twin open and closed shutters
- Thermally broken
- Knob and cord operation available
- Trickle ventilation as standard
- Tested to BS 13141-1:2004 achieves 4,103mm² equivalent area
- Easy assembly and installation
- Suitable for 20mm, 24mm and 28mm double glazed units
- Independently acoustically tested in accordance with BS EN 20140-10:1992, ISO 140-10:1991
- Available as underglaze option
- Controllable



Simon

**Air Management
Systems**

R.W. Simon Limited System Works, Hatchmoor Industrial Estate,
Torrington, Devon EX38 7HP United Kingdom
Tel: 01805 623721 Fax: 01805 624578 E-mail: info@rwsimon.co.uk

Web: www.rwsimon.co.uk



Airstrip 400

Design criteria

Suitable for 20mm, 24mm and 28mm glass thickness.
 Glass height reduction 45mm.
 Polyester paint finish in standard colours:
 White (ref HIPCA) Black (RAL 9005) Brown (RAL 8019)
 or any other colour as a non standard request.
 Simon Airstrip 400 is available with mixed internal/external
 colour combinations.
 Available with knob or cord control and also permanent for gas
 requirements.
 Please check, or refer to our technical sales team, to ensure
 that Airstrip 400 will fit your profile.

Performance

Independently tested to BS EN 13141-1:2004
 5000 mm² EA achieved on a length of 1,218 mm.
 2500 mm² EA achieved on a length of 609 mm.
 Water tightness limit of 400 pa.
 Independently acoustically tested in accordance with
 BS EN 20140-10:1992, ISO 140-10:1991

Manufacture

Simon Airstrip 400 is produced under ISO 9001 Quality Systems

Assembly

Simon Airstrip 400 may be supplied made to order or in stock
 length of 3.7 metres.

Components:

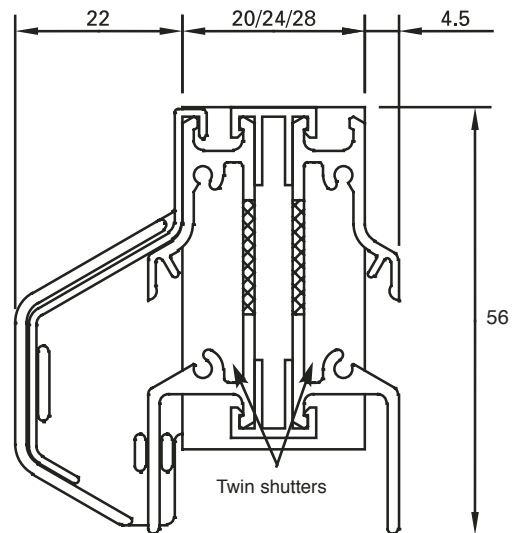
- Supplied assembled with thermal break.
- Aluminium body and 2 x PVCu shutter strips-supplied assembled.
- External hood and fixing screws.
- Optional internal updraught deflector and fixing screws.
- Pair of end caps (16mm or 20mm).
- Knob or cord control mechanism.
- Trickle ventilation baffle plate
- 4 x screws
- Flyscreen
- Glazing gasket

Airflow rates quoted are for when the units are fitted in accordance with manufacturers recommendations. Tested in accordance with BS EN 13141-1:2004

Maintenance

The Simon Airstrip 400 may be cleaned with normal window cleaning methods.

Glass height reduction 45mm (not to scale)



Independent Equivalent Area testing carried out by BSRIA.

AIRSTRIP 400		
Pressure Difference (PA)	Volume (litres/second)	Equivalent Area (mm ²)
1	3.23	4103
2	4.63	4174
4	6.68	4245
8	9.59	4319
10	10.77	4343
20	15.48	4417



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