

Aralco Slimline Trickle Vent EA

The slot ventilator can be surface mounted on all types of windows and is available in any size and finish for slot heights up to 12mm.

The vent allows for upward ventilation which avoids undue draught and is available for controllable ventilation

A special hood offers weather protection and is available with 2 types of fly screen apertures of either 3 x 4 mm or 6 x 8 mm (for domestic fuel burning applications)

Technical information, drawings and specifications are available upon request or can be downloaded from www.aralco.be



Document F - Introducing EA

Our strong performing aluminium trickle vents have been especially developed to meet the requirements of Approved Document F - Means of Ventilation (April 2006 UK).

The Part F (UK) document typically requires 2500 Equivalent Area (EA) for kitchens, utility rooms and bathrooms and 5000 EA for habitable rooms (depending on the ventilation system applied).

EA better reflects the volume of air that will flow through an opening for a given pressure difference.

Trickle vents also need to be controllable and the EA should be clearly marked on the vent

Gas ventilation applications still use "Free Area" (FA).



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ISO9001:2008
Certificate No. FM547243

Aralco Slimline Trickle Vent EA

Technical Specifications

Equivalent Area (EA) 2500mm²

Airflow at 1 Pa is 2.3 m³ / h *
 Airflow at 2 Pa is 3.3 m³ / h *
 Airflow at 4 Pa is 4.7 m³ / h *
 Airflow at 6 Pa is 5.7 m³ / h *

| Slot Height | Slot Width | Number Of Slots | Number Of Bridges | Width Of Bridge | Recommended Slot Vent Length |
|-------------|------------|-----------------|-------------------|-----------------|------------------------------|
| 12 mm | 245 mm | 1 | 0 | 0 mm | 300 mm |
| 11 mm | 255 mm | 1 | 0 | 0 mm | 300 mm |
| 10 mm | 265 mm | 1 | 0 | 0 mm | 300 mm |
| 9 mm | 270 mm | 1 | 0 | 0 mm | 300 mm |

Equivalent Area (EA) 5000mm²

Airflow at 1 Pa is 4.67 m³ / h *
 Airflow at 2 Pa is 6.6 m³ / h *
 Airflow at 4 Pa is 9.4 m³ / h *
 Airflow at 6 Pa is 11.5 m³ / h *

| Slot Height | Slot Width | Number Of Slots | Number Of Bridges | Width Of Bridge | Recommended Slot Vent Length |
|-------------|------------|-----------------|-------------------|-----------------|------------------------------|
| 12 mm | 245 mm | 2 | 1 | 15 mm | 600 mm |
| 11 mm | 255 mm | 2 | 1 | 15 mm | 600 mm |
| 10 mm | 265 mm | 2 | 1 | 15 mm | 600 mm |
| 9 mm | 270 mm | 2 | 1 | 15 mm | 600 mm |

- 10% Tolerance included
- * Test reports on request

Free area (FA) Characteristics

(For UK: applicable for permanent gas vents)

| Slot Height | Routing Details | 2000 m ² | 4000 m ² |
|-------------|-----------------|---------------------|---------------------|
| 10mm | Vent Length | 250 mm | 465 mm |
| | Hood Length | 230 mm | 455 mm |
| | Slot Width | 200 mm | 200 mm |
| | No of Slots | 1 | 2 |
| | No of Bridges | 0 | 1 |
| | Bridge Width | 0 | 15 mm |
| 11 mm | Vent Length | 230 mm | 430 mm |
| | Hood Length | 210 mm | 410 mm |
| | Slot Width | 182 mm | 182 mm |
| | No of Slots | 1 | 2 |
| | No of Bridges | 0 | 1 |
| | Bridge Width | 0 | 15 mm |
| 12 mm | Vent Length | 220 mm | 400 mm |
| | Hood Length | 200 mm | 380 mm |
| | Slot Width | 167 mm | 182 mm |
| | No of Slots | 1 | 2 |
| | No of Bridges | 0 | 1 |
| | Bridge Width | 0 | 15 mm |

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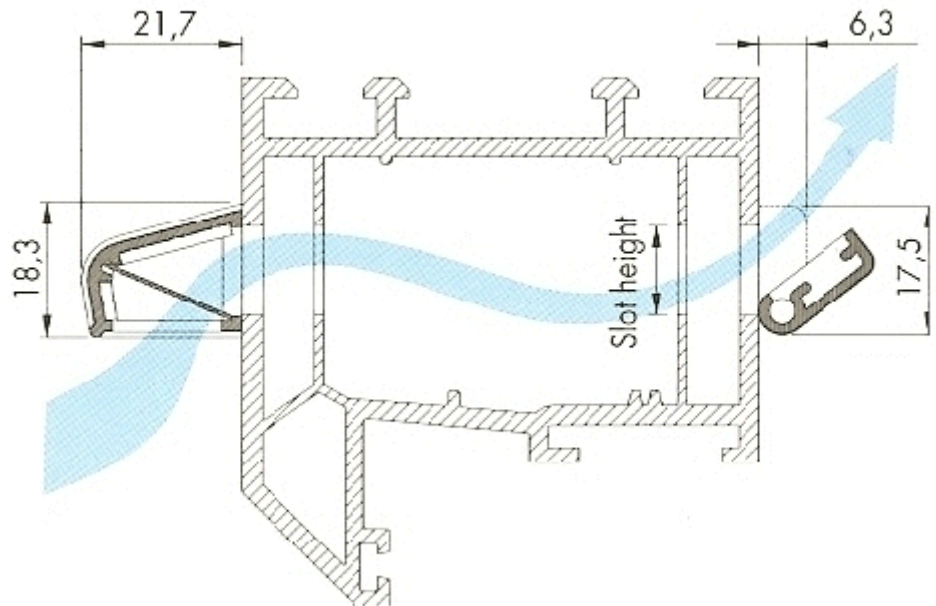
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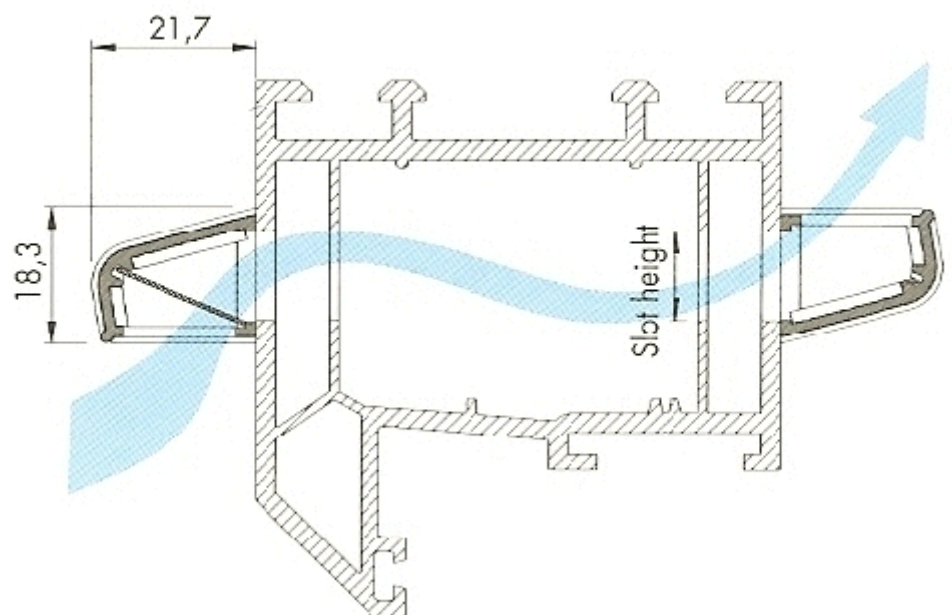
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Aralco Slimline Trickle Vent EA

Slimline Trickle Vent - Controllable



Slimline Trickle Vent - Permanent (Gas)



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