**RENSON WINDOW TRICKLE VENTILATION® SPECIFICATIONS**

**Brand : Sonovent®**

**Type : Sonovent® V**

**Manufacturer and reference:**

The Sonovent® V is manufactured and supplied by Renson Ventilation Tel: 01622 754 123 Email: vents@rensonuk.net Wesbite: www.renson.eu

**Description:**

The RENSON® Sonovent® V a thermally broken, acoustic, mechanical window ventilator. There are two models; one for supply and one for extract. The air slot is 25mm. Perforated inner profile acts as an insect mesh and is removable. An electrical motor is provided and starts working when the flap is opened by a variable speed controller.

**System operation and performance:**

Thermal conductivity: U-value = 4.5 W/m2K (EN 1077-2).

Wind resistant: closed position 650Pa (EN 1026).

Watertightness: closed position 650Pa (EN 1027).

Airflow (EN 13141-1, NBN D50-001) and Sound Reduction (EN ISO 140-10, EN ISO 717-1):

 **Supply** **Extract**

Dn,e,w (C;Ctr) open (dB) 35 (-1;-3) 35 (-1;-3)

Q at 1 Pa m³/hr/m 220 220

Q at 1 Pa l/s/m 61.11 61.11

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| --- | --- |
| **Frequency Band** | **Dn(10m2)** |
| 125 | 29.4 |
| 250 | 25.4 |
| 500 | 29.4 |
| 1000 | 36.7 |
| 2000 | 40.5 |
| 4000 | 46.1 |

**Dimensions / Size Range:**.

Height: 105mm (with flange profiles: 155mm)

Depth (top/bottom): 170/205mm

Flange height: 25mm.

Fits to glass depths of: 20, 24, 28, 32mm (other thicknesses available on request).

Minimum length: 300mm

Maximum length: 2500mm (transom).

**Ventilator Construction:**

Profile: manufactured from aluminium alloy Al Mg Si 0.5 (EN 12020-2, EN AW 6063 T66).

Thermal bridge: extruded uPVC.

End caps: ASA polymer type Luran S (colour-fast, weather and UV-resistant).

Sound absorbing material: non-combustible mineral wool.

**Surface treatment:**

Polyester powder coating in any RAL colour (60 micron): aluminium profiles pre-treated to resist corrosion to guarantee (dual colour possible).

End cap colours: white or black (other colours available on request).

**Controls Option:**

Manual: rod or cord optional.

Motorised: 24V DC (not for glazed-in installations).

**Installation:**

Intended for installation at transom (timber, PVC or aluminium) only.

**Product Information:**

http://www.rensonuk.net/Window-ventilators-United-Kingdom-Window-ventilators-United-Kingdom\_51.html