**RENSON WINDOW VENTILATION® SPECIFICATIONS**

**Brand : Sonovent®**

**Type : Sonovent® Compact 10 / 13 / 15 mm air slot**

**Manufacturer and reference:**

The Invisivent® *EVO* HF is manufactured and supplied by Renson Ventilation Tel: 01622 754 123 Email: [vents@rensonuk.net](mailto:vents@rensonuk.net)

**Description:**

The RENSON® Sonovent® Compact is a self-regulating, thermally broken, acoustic window ventilator. Perforated inner profile (3 x 17mm) acts as an insect mesh and is removable.

**System operation and performance:**

Self-regulating: P3 (good self-regulating).

Air leakage: 50Pa < 15%

Thermal conductivity: U-value = 3.45 W/m2K.

Watertightness: closed position 650Pa and open position 150Pa.

**Airslot 10 Airslot 13 Airslot 15**

Dn,e,w (C;Ctr) open (dB) 36 (0;-1) 35 (0;-1) 33 (0;-1)

Dn,e,w (C;Ctr) closed (dB) n.p.d n.p.d n.p.d

Q at 1 Pa m³/hr/m 43,3 54,5 68,8

Q at 2 Pa m³/hr/m 58,9 67,7 71,5

Q at 1 Pa l/s/m 12,1 15,2 19,4

Q at 2 Pa l/s/m 16,4 18,8 19,9

Equivalent area: mm²/m 15334 19278 24687

**Dimensions / Size Range:**

Glass reduction: 78mm.

Height: 95mm.

Depth (bottom): 145 mm.

Fits to glass depths of: 20, 24, 28, 32 and 36 mm (other thicknesses available on request).

Maximum length: 2000mm (glass) 2500mm (transom).

**Ventilator Construction:**

Profile: manufactured from aluminium alloy Al Mg Si 0.5.

Thermal bridge: PVC.

Pivoting and self-regulating flap: PVC.

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

Sound absorbing material: non-combustible mineral wool.

**Surface treatment:**

Satin anodised (EV6/EV1-SAA) (20 micron): pre-treated and anodised.

Polyester powder coating in any RAL colour (60 to 70 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: Cord and rod optional (continuous adjustment).

Motorised: 24V DC (continuous adjustment).

**Installation:**

Intended to be glazed-in or at transom (timber, PVC or aluminium) with the additional transom profile.

**Standards:**

EN ISO 140-10, EN ISO 717-1, EN 1026, EN 1027, EN 13141-1, EN 12020-2, EN AW 6063 T66, NBN D50-001, EN 1077-2.