**RENSON® WINDOW VENTILATION SPECIFICATIONS**

**Product : Sonoslot® Max**

**Manufacturer and reference:**

The Sonovent® Max is manufactured and supplied by Renson Ventilation Tel: 01622 754 123

Email: vents@rensonuk.net

**Description:**

The RENSON® Sonoslot® Max is an acoustic, self-regulating slotvent kit. External profile is perforated (3,9 x 10,7mm) to act as an insect mesh. Incoming air directed by the internal slotvent’s sides. Plastic sleeve with integrated sound-absorbing baffle is placed in-between.

**Ventilator Construction:**

Internal and external profile: manufactured from aluminium alloy Al Mg Si 0.5.

End caps: PP (colour-fast, weather and UV-resistant).

Noise-damping baffle: sound absorbing plastic foam.

**System operation and performance:**

Self-regulating

Thermal conductivity: U-value = n.p.d.

Watertightness: n.p.d.

Air leakage (closed): n.p.d.

 **700 mm 700 mm**

**(without sound absorbing baffle) (with sound absorbing baffle)**

Dn,e,w (C;Ctr) open (dB) 38 (-1;-2) 40 (-1;-2)

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

Q at 1 Pa (l/s/) 1,8 1,2

Q at 1 Pa (m³/h) 6,5 4,4

Q at 2 Pa (l/s ) 2,7 1,9

Q at 2 Pa (m³/h) 9,7 6,8

Q at 10 Pa (l/s) 6,8 5,1

Q at 20 Pa (l/s) 6,9 7,6

Equivalent area (mm²) 2298 1555

**Dimensions / Size Range:**

Internal: 45 (height) x 700 (length) x 45 (width) mm

External: 35 (height) x 700 (length) x 13 (width) mm

Acoustic foam: 70mm thick

Plastic sleeve: 90mm thick

Slotsize opening: (105,5x16)+7,5+(105,5x16)+7,5+ (105,5x16)+7,5+ (105,5x16)+7,5+ (105,5x16)+7,5+ (105,5x16) mm

**Surface treatment:**

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

Polyester powder coating in Renson standard white (=AXALTA AE90019148021=BEL 9010) or RAL 1247 (60 to 70 micron): aluminium profiles pre-treated to resist corrosion to guarantee.

End cap colours: white or black

**Controls Option:**

Not adjustable (permanently open).

**Installation:**

Installed into window frame (aluminium, timber or uPVC) by fastening endcaps on the ends of the aluminium profiles. Silicone inserted to guarantee good water seal. Baffles can be shortened.

**Standards:**

EN ISO 140-10, EN ISO 717-1, EN 1026, EN 1027, EN 13141-1, EN 12020-2, EN AW 6063 T66, EN 10077-2, DIN 16491