**RENSON WINDOW VENTILATION® SPECIFICATIONS**

**Brand : THK60**

**Type : THK60**

**Manufacturer and reference:**

The THK60 is manufactured and supplied by Renson Ventilation Tel: 01622 754 123 Email: vents@rensonuk.net

**Description:**

The RENOSN® THK60 is a thermally broken window ventilator. The perforated (series of 2.7 x 26mm) inner profile which acts as an insect mesh. Soft PVC of the pivoting flap is fitted to increase water and windtightness. External profile which acts as a rain excluder has 18.8 x 35mm perforations to let air through.

**System operation and performance:**

Not self-regulating.

Thermal conductivity: U-value = 4.5 W/m2K.

Wind resistant: closed position 650Pa.

Watertightness: closed position 650Pa.

Dn,e,w (C;Ctr) open (dB) 27 (0;0)

Dn,e,w (C;Ctr) closed (dB) 44 (0;0)

Q at 1 Pa m³/hr/m 33,5

Q at 2 Pa m³/hr/m 47,5

Q at 1 Pa l/s/m 9,3

Q at 2 Pa l/s/m 13,2

Equivalent area: mm²/m 11841

**Dimensions / Size Range:**

Glass reduction: 60mm.

Height: 76mm.

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

Maximum length: 2500mm.

**Ventilator Construction:**

Profile: manufactured from aluminium alloy Al Mg Si 0.5.

Thermal break: PVC

Pivoting flap: PVC

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

**Surface treatment:**

Satin anodised (EV6/EV1) (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 or rod optional (5 stepped position).

**Installation:**

Installation on glass (timber, aluminium or PVC frame) but can be installed at transom with an optional transom profile. Glazing gasket recommended.

**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.