

# GLAZED-IN VENTILATORS

**TH45**

*low-cost uPVC slimline glazed-in ventilator*

## INTRODUCTION

uPVC slimline glazed-in ventilator with only a 45 mm glass reduction, especially suited for uPVC windows.

The perforated inside grille performs as an insectmesh.

The unique design of the ventilator directs the flow of incoming air upwards. To ensure increased water- and windtightness the ventilator is fitted with a restraining clip.

## MATERIAL

Frame: white uPVC (RAL 9016)

Tip lever: aluminium AlMgSi 0.5 (according to DIN 1748)

Flyscreen: aluminium

Endcaps in white ASA polymer type Luran S (colourfast, weather- and UV-resistant)

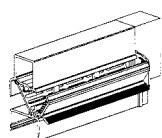
## DIMENSIONS

Glass reduction: 45 mm

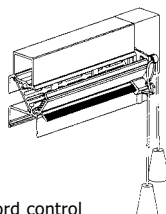
Height: 58 mm

Glass thickness: 20, 24 & 28 mm

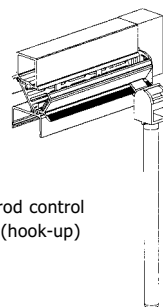
## CONTROLS



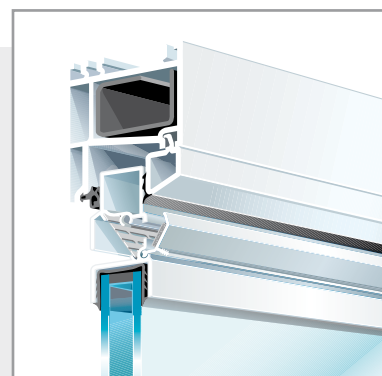
manual control



cord control



rod control  
(hook-up)



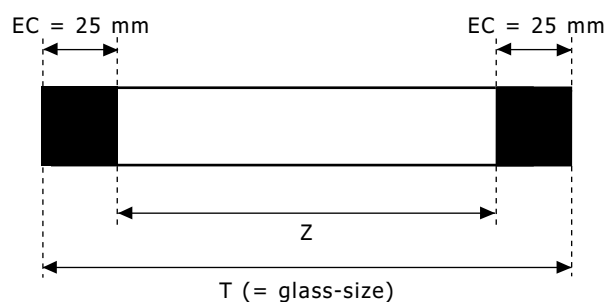
## ASSEMBLY

Developed for fabrication from bar lengths (3000 mm) or made to measure (maximum 750 mm)

Cut ventilator to size from a bar length + fix endcaps (1 L + 1 R)

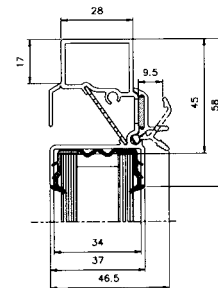
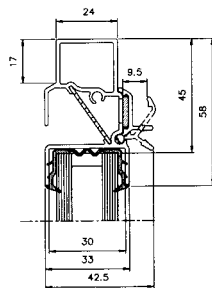
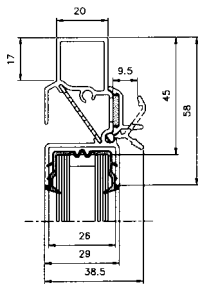
Overall dimension of the ventilator (T) = extrusion length (Z) + (2 x endcaps (EC))

We advise the use of glazing gasket RENSON nr 049 (20-28 mm) for installation





## SECTION DETAILS



## TECHNICAL SPECIFICATIONS

	TH45
<b>AIRFLOW</b>	
2 Pa	25,0 m <sup>3</sup> /h/m
2 Pa	6,9 l/s/m
1 Pa	4,9 l/s/m
Equivalent area	6256 mm <sup>2</sup> /m
<b>COMFORT</b>	
Sound reduction D <sub>n,e,w</sub> (C;C <sub>tr</sub> )	(EN ISO 140-10, EN ISO 717-1)
- in open position	27 (0;0) dB
- in closed position	44 (0;0) dB
Self regulating	no
<b>TECHNICAL CHARACTERISTICS</b>	
U-value	n.p.d.
Watertightness (closed position)	350 Pa
Windtightness	350 Pa