

GLAZED-IN VENTILATORS

THM90 • THM90PB • THM90TR

flush vent ideal for sliding doors with an additional flap for better watertightness

INTRODUCTION

The THM90 is a flush aluminium flapvent with thermal break, for all types of windows and ideal for sliding doors. The flat punched internal profile performs as an insect screen. The internal flap can be set in 5 stepped positions (open/close + 3 intermediate).

THM90PB is the THM90 version for installation at the bottom of a window.

THM90TR is the THM90 version for installation between profiles (at transom).

In fact the THM90 is the new and improved version of the TH90; at the inside an extra wind flap has been integrated to guarantee a higher watertightness in open position.

MATERIAL

Inside and outside profile: aluminium AlMgSi 0.5 (according to DIN 1748)

Finishing: satin anodised or powdercoated in any RAL or Syntha Pulvin® colour (dual colour possible)

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

Endcaps are in black or white but also available in other colours upon request.

DIMENSIONS

Glass reduction: 90 mm

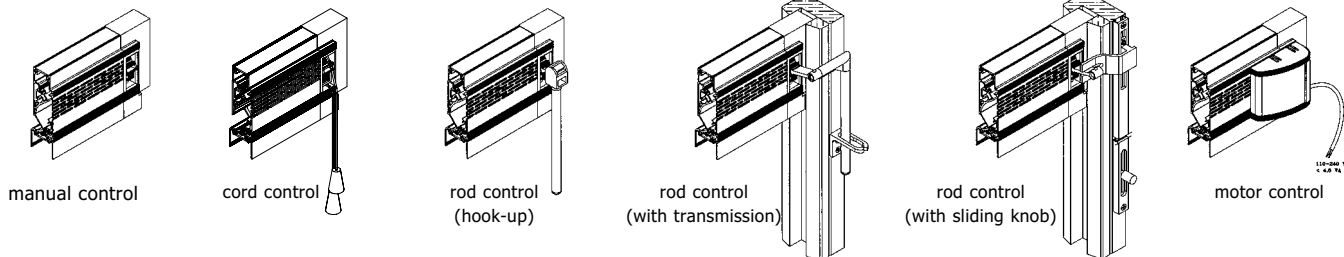
Height: 105 mm

Glass thickness: 20, 24, 28 & 33 mm (THM90)

Glass thickness: 20, 24 & 28 mm (THM90PB)

Glass thickness: 20 & 24 mm (THM90TR)

CONTROLS



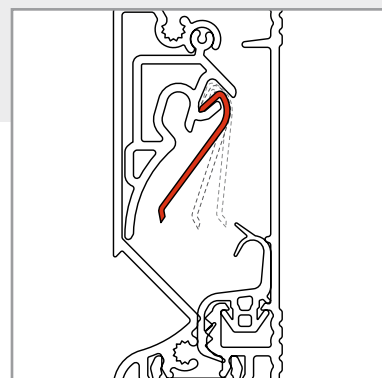
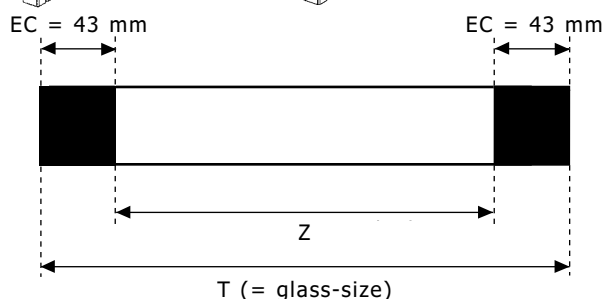
ASSEMBLY

Developed for fabrication from bar lengths (6000 mm) or made to measure (max. 2500 mm)

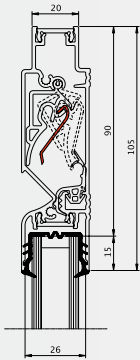
Cut ventilator to size from a bar length, fix endcaps (1 L + 1 R)

We advise use of glazing gasket RENSON nr 039 or nr 034 (20-28 mm) and nr 029 (28-36 mm) for installation

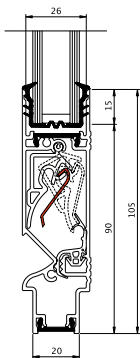
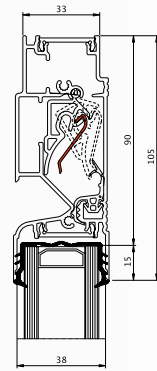
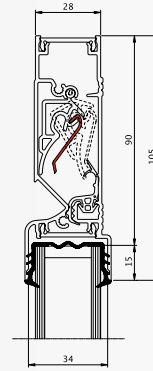
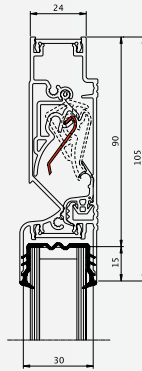
Overall dimension of the ventilator (T) = extrusion length (Z) + (2 x endcaps (EC))



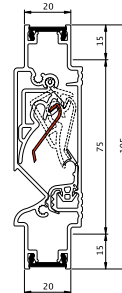
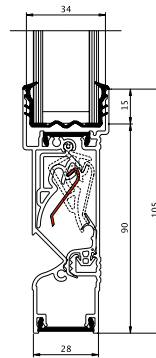
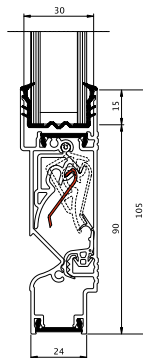
SECTION DETAILS



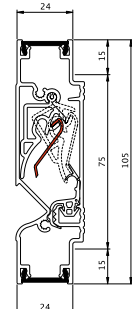
THM90



THM90PB



THM90TR



TECHNICAL SPECIFICATIONS

	THM90 / THM90PB / THM90TR
AIRFLOW	
2 Pa	45,0 m ³ /h/m
2 Pa	12,5 l/s/m
1 Pa	8,8 l/s/m
Equivalent area	12203 mm ² /m
COMFORT	
Sound reduction D _{n,e,w} (C;C _{tr})	(EN ISO 140-10, EN ISO 717-1)
- in open position	26 (0;0) dB
- in closed position	45 (-1;-1) dB
Self regulating	no
TECHNICAL CHARACTERISTICS	
U-value	3,8 W/m ² K
Watertightness (closed position)	350 Pa
Windtightness	650 Pa