

GLAZED-IN VENTILATORS

TH90 • TH90PB • TH90TR

flush vent ideal for sliding doors

INTRODUCTION

The TH90 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).

TH90PB is the TH90 version for installation at the bottom of a window.

TH90TR is the TH90 version for installation between profiles (at transom).

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)

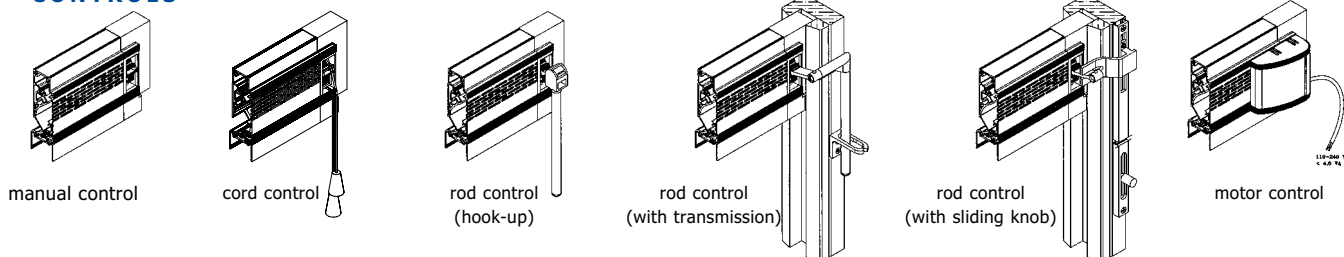
Endcaps in ASA polymer type Luran S (colourfast, weather- and UV-resistant)

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 (TH90)
- Glass thickness: 20, 24 & 28 mm (TH90PB)
- Glass thickness: 20 & 24 mm (TH90TR)

CONTROLS



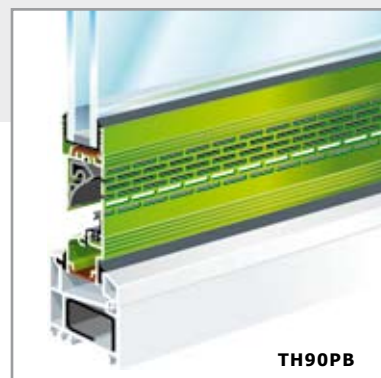
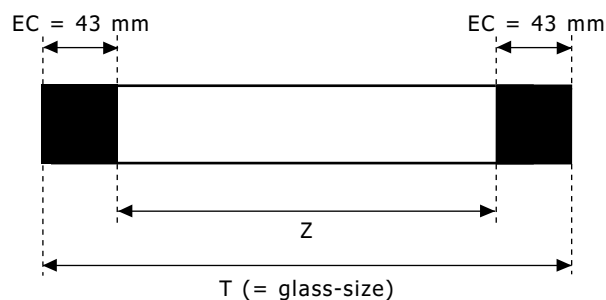
ASSEMBLY

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

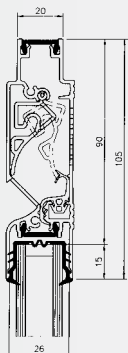
Cut ventilator to size from a bar length, fix endcaps (1 L + 1 R)

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

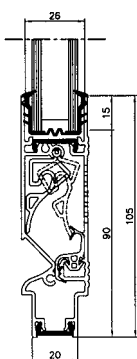
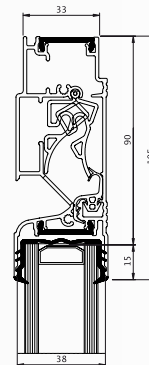
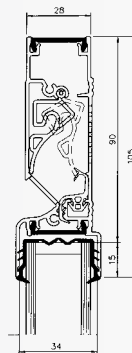
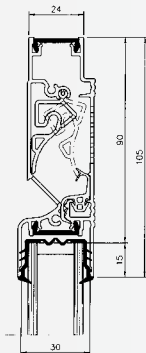
Overall dimension of the ventilator (T) = extrusion length (Z) + (2 x endcaps (EC))



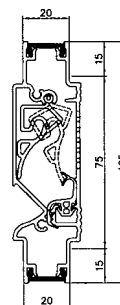
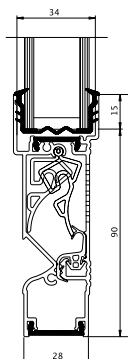
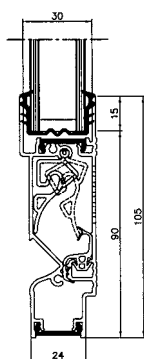
SECTION DETAILS



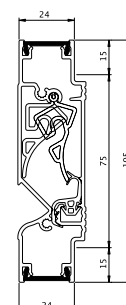
TH90



TH90PB



TH90TR



TECHNICAL SPECIFICATIONS

	TH90 / TH90PB / TH90TR
AIRFLOW	
2 Pa	48,9 m ³ /h/m
2 Pa	13,6 l/s/m
1 Pa	9,6 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