

GLAZED-IN VENTILATORS

THL100 • THL100V

*THL100: horizontal sliding vent
THL100V: vertical sliding vent*

INTRODUCTION

A thermally-broken louvred ventilator, made to measure, installed in a vertical (THL100V) or horizontal (THL100) position. It creates a natural air circulation. Incoming fresh air at the bottom and outgoing humid warm air at the top of the ventilator for the vertical version. The ventilator is equipped with an aluminium and a uPVC slider which ensures good weathertightness. The thermal break separates the inner and outer slider, which results in an insulating layer of air, reducing the risk of condensation.

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).

Black endcaps in ASA polymer type Luran S (colourfast, weather- and UV-resistant).

Flyscreen in stainless steel 2.3 mm x 2.3 mm.

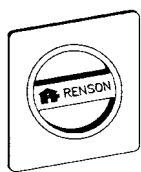
DIMENSIONS

Glass reduction: 129 mm
Height: 144 mm
Glass thickness: 20, 24 & 28 mm

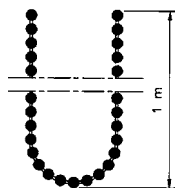
CONTROLS



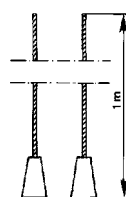
manual control
standard knob



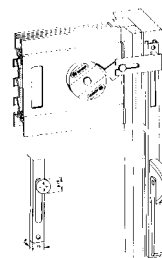
manual control
recessed knob
(for patio doors
and sliding sashes)



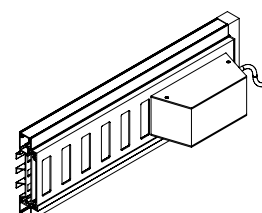
chain control



cord control



rod control (sliding knob)
(only for the THL 100)



motor control



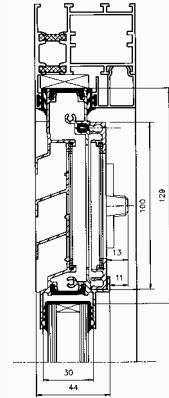
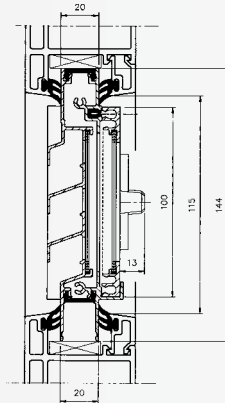
AVAILABILITY

Only custom made (made to measure) THL100 or THL100V are available

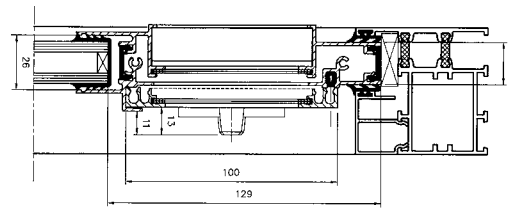
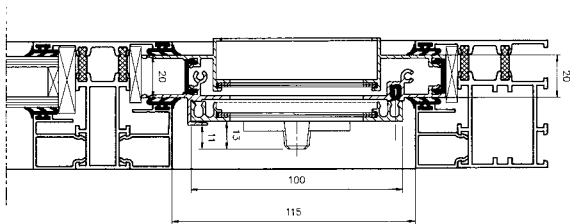
We advise use of glazing gasket RENSON nr 039 or nr 034 (20-28 mm) for installation



SECTION DETAILS



THL100



THL100V

TECHNICAL SPECIFICATIONS

	THL100	THL100V
AIRFLOW		
2 Pa	67,2 m ³ /h/m	51,1 m ³ /h/m
2 Pa	18,7 l/s/m	14,7 l/s/m
1 Pa	13,2 l/s/m	10,4 l/s/m
Equivalent area	16759 mm ² /m	13219 mm ² /m
COMFORT		
Sound reduction D _{n,e,w} (C;C _{tr})	(EN ISO 140-10, EN ISO 717-1)	
- in open position	22 (0;-1) dB	
- in closed position	32 (0;-1) dB	
Self regulating	no	
TECHNICAL CHARACTERISTICS		
U-value	3,9 W/m ² K	
Watertightness (closed position)	400 Pa	
Windtightness	650 Pa	