

THL100 – THL100V < Sliding vents



THL100: Horizontal sliding vent

THL100V: Vertical sliding vent

The THL100 is a thermally broken louvred ventilator, made to measure, installed in a vertical (THL100V) or horizontal (THL100) position. The THL100V creates a natural air circulation: incoming fresh air at the bottom and outgoing humid warm air at the top of the ventilator.

Glazed-in installation or installation at transom

THL100 or THL100V for glazed-in installation (glass thickness 15, 20, 24, 28 mm)

THL100-TR or THL100V-TR for installation at transom (glass thickness 20, 24, 28 mm)

Thermally broken

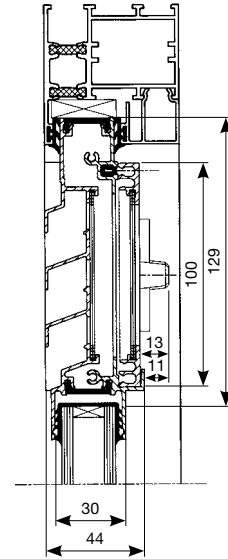
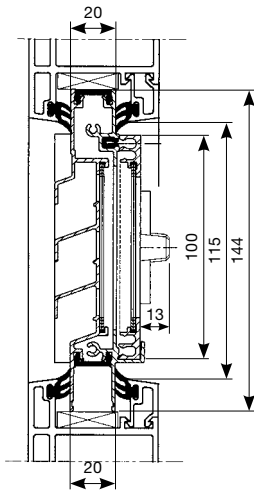
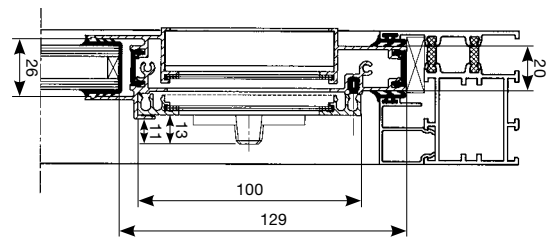
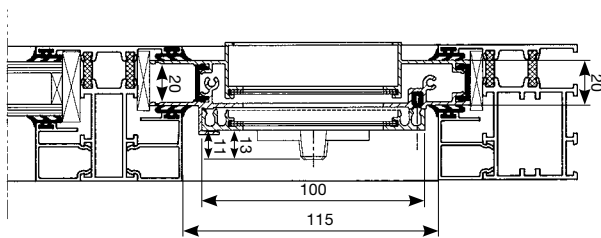
No cold air transfer from outside to inside.

Louvres at the outside, a slider at the inside

Insect mesh

Easy and efficient



Section detail
THL100

THL100 V

Technical characteristics

	THL100	THL100V
Airflow		
Equivalent area	16759 mm ² /m	12770 mm ² /m
Q at 1 Pa	13,2 l/s/m	10,0 l/s/m
Q at 1 Pa	47,4 m ³ /h/m	36,1 m ³ /h/m
Q at 2 Pa	18,7 l/s/m	14,2 l/s/m
Q at 10 Pa	41,6 l/s/m	32,1 l/s/m
Q at 20 Pa	58,9 l/s/m	45,5 l/s/m
Comfort		
Sound reduction $D_{n,e,w} (C;C_{tr})$		
- in open position		22 (0;-1) dB
- in closed position		42 (-1;-2) dB
Technical characteristics		
Controllable internal flap	Continuous adjustment	
Control options internal flap	Manual, cord, rod, chain, motor	
U value	3,9 W/m ² K	
Air leakage at 50 Pa	n.g.	
Watertightness in closed position, up to	400 Pa	
Watertightness in open position, up to	n.p.d.	
Dimensions		
Glass reduction	129 mm	
Height	144 mm	
Glass thickness	15*, 20, 24 or 28 mm	
Max. length	3500 mm	

* not for installation at transom