

ACOUSTIC VENTILATORS

THK90AK

glazed-in flapvent with acoustic hood

INTRODUCTION

Aluminium thermally broken flapvent with an acoustic hood for all types of windows (aluminium, timber or uPVC).
The THK90AK has an external hood for excellent weather protection, installed in this hood is a sound reducing material. The THK 90 AK is aesthetically similar to the THK90 and the AR90 (see page 52).

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.

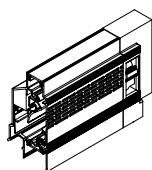
DIMENSIONS

Glass reduction: 90 mm

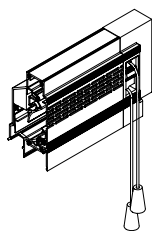
Height: 105 mm

Glass thickness: 20, 24 & 28 mm

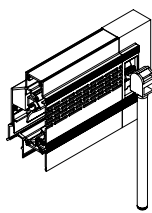
CONTROLS



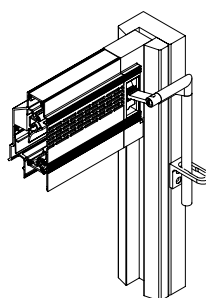
manual control



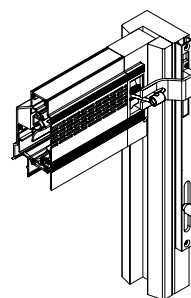
cord control



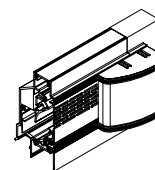
rod control
(hook-up)



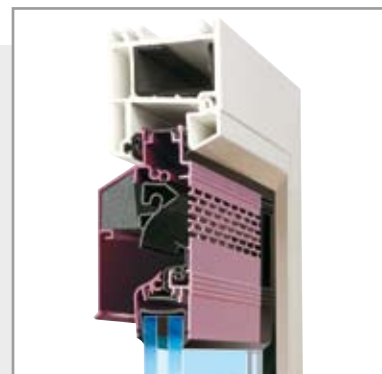
rod control
(with transmission)



rod control
(with sliding knob)



motor control



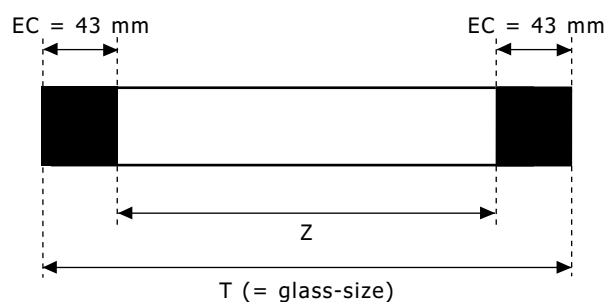
ASSEMBLY

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)

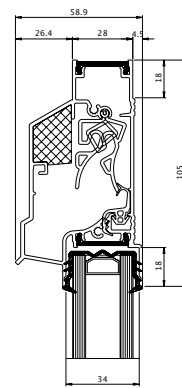
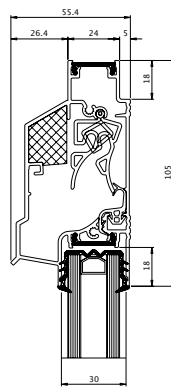
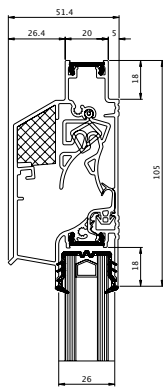
We advise use of glazing gasket RENSON nr 039 or nr 034 (20-28 mm) for installation

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





SECTION DETAILS



TECHNICAL SPECIFICATIONS

	THK90AK
AIRFLOW	
2 Pa	57,9 m ³ /h/m
2 Pa	16,1 l/s/m
1 Pa	11,6 l/s/m
Equivalent area	14736 mm ² /m
COMFORT	
Sound reduction D _{n,e,w} (C;C _{tr})	(EN ISO 140-10, EN ISO 717-1)
- in open position	29 (0;-1) dB
- in closed position	45 (0;-2) dB
Self regulating	no
TECHNICAL CHARACTERISTICS	
U-value	3,9 W/m ² K
Watertightness (closed position)	650 Pa
Windtightness	650 Pa