



Creating healthy spaces

SELF-REGULATING WINDOW VENTILATION

AR75

- Self-regulating natural ventilation in the highest class P4, without energy loss
- 4 different airflows in 1 design
- Safe ventilation with closed windows



PROJECT USE



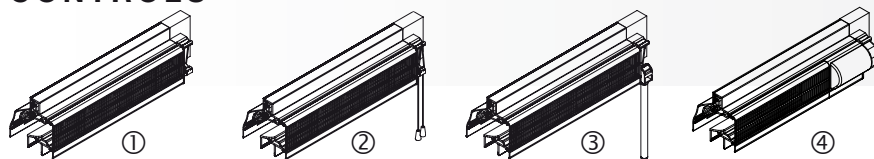
DOMESTIC USE

INTRODUCTION

Thermally broken self-regulating aluminium vent, suitable on aluminium, timber and uPVC windows. Due to its unique patented inner mechanism, 4 different airflows of 56 (Small), 70 (Medium), 81 (Large) or 106 (X-Large) m³/h/m can be reached, while maintaining the full range of control. From aesthetical point of view different AR75 (with different airflows) can be installed in one facade while maintaining the same look.

The self-regulating flap reacts automatically to various wind pressures thus preventing draughts and saves on energy costs for the end-user. The inner flap, which acts as an insect mesh, is easy to take off for maintenance purposes.

CONTROLS



1. Manual control - left and right
2. Cord control - left or right
3. Rod control - left or right - white, black, satin anodised or RAL-colours
4. Motor control (24 V DC) - right

DIMENSIONS

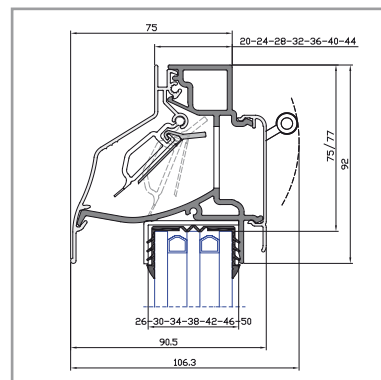
Glass reduction: 75 mm *
 Height: 92 mm
 Glass thickness: 20, 24, 28, 32, 36, 40 & 44 mm **

TECHNICAL SPECIFICATIONS

	AR75 Small	AR75 Medium	AR75 Large	AR75 XLarge
AIRFLOW				
2 Pa	53,7 m³/h/m	67,1 m³/h/m	77,3 m³/h/m	100,9 m³/h/m
2 Pa	14,9 l/s/m	18,6 l/s/m	21,5 l/s/m	28,0 l/s/m
1 Pa	10,5 l/s/m	13,1 l/s/m	15,2 l/s/m	19,9 l/s/m
Equivalent area	13419 mm²/m	16682 mm²/m	19342 mm²/m	25265 mm²/m
COMFORT				
Sound reduction D _{n,e,w} (C;C _{tr})	(EN ISO 140-10, EN ISO 717-1)			
- in open position	26 (-1;-1) dB	26 (-1;-2) dB	26 (-1;-2) dB	26 (-1;-1) dB
- in closed position	43 (-1;-1) dB			
Self regulating	yes			
TECHNICAL CHARACTERISTICS				
U-value	3,0 W/m²K			
Watertightness (closed position)	650 Pa			
Windtightness	650 Pa			

* glass reduction for glass thickness 36, 40 and 44 mm : 77 mm

** AR75 XLarge is not available for glass thickness 40 and 44 mm



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