

AR75 < Flap ventilators glazed-in/at transom



Excellent self-regulating window vent with 4 different airflows in 1 design

Due to its unique patented inner mechanism, 4 different airflow levels can be reached while the AR75 visually maintains the same look.

Glazed-in installation (or at transom)

The AR75 has been developed for glazed-in installation, and can be integrated in aluminium, timber and PVC window profiles. This vent can also be installed at transom using an additional transom profile.

Thermally broken

No cold air transfer from outside to inside.

Self-regulating

Thanks to its self-regulating flap, the AR75 ensures the supply of fresh and healthy air without draughts.

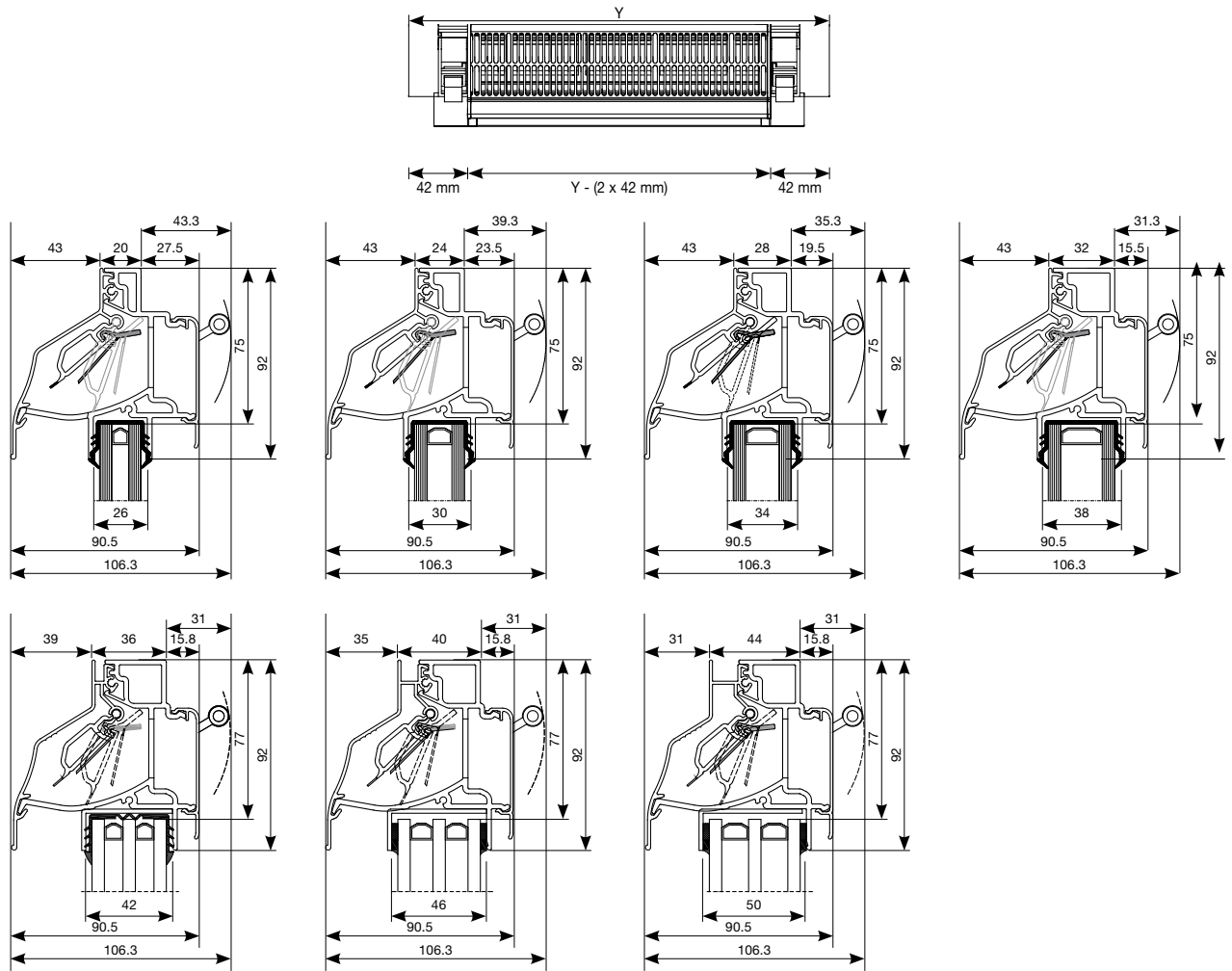
4 different airflow levels with 1 single design

Due to its internal mechanism, the AR75 can obtain 4 different airflow levels. This allows to use the same vent (visually) in order to provide different rooms, each with their specific ventilation needs, with fresh air.

Insect mesh



Section detail



Technical characteristics

AR75	Small	Medium	Large	Xlarge
Airflow				
Equivalent area	14174 mm ² /m	17409 mm ² /m	19034 mm ² /m	24301 mm ² /m
Q at 1 Pa	11,1 l/s/m	13,7 l/s/m	15,0 l/s/m	19,1 l/s/m
Q at 1 Pa	40,1 m ³ /h/m	49,3 m ³ /h/m	53,9 m ³ /h/m	68,8 m ³ /h/m
Q at 2 Pa	15,3 l/s/m	18,8 l/s/m	22,6 l/s/m	29,0 l/s/m
Q at 10 Pa	17,3 l/s/m	21,4 l/s/m	24,5 l/s/m	31,5 l/s/m
Q at 20 Pa	14,7 l/s/m	18,9 l/s/m	21,7 l/s/m	28,0 l/s/m
Comfort				
Sound reduction D _{n,e,w} (C;C _{tr})				
- 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	43 (-1;-1) dB	43 (-1;-1) dB	43 (-1;-1) dB
Technical characteristics				
Controllable internal flap	Continuous adjustment			
Control options internal flap	Manual, cord, rod, motor			
U value	3,0 W/m ² K			
Air leakage at 50 Pa	<15% (in closed position)			
Watertightness in closed position, up to	650 Pa			
Watertightness in open position, up to	50 Pa			
Dimensions				
Glass reduction	75 mm (glass thickness: 20, 24, 28, and 32 mm) / 77 mm (glass thickness: 36, 40 and 44 mm)			
Height	92 mm			
Glass thickness	20, 24, 28, 32, 36*, 40*, 44* mm			20, 24, 28, 32, 36* mm
Max. length	2500 mm			

* not for installation at transom