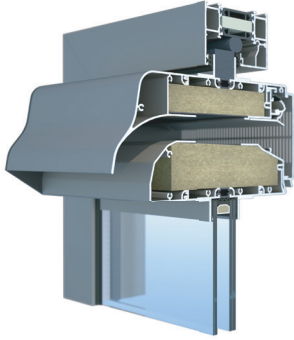


airvent
DGL SUPER
 GLAZED IN ACOUSTIC VENT



DETAILS:

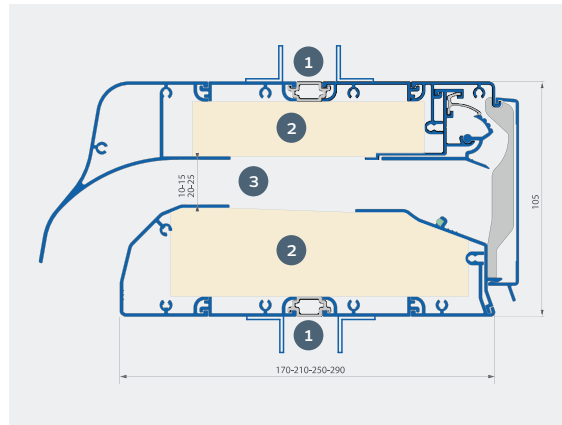
- 1 Thermal break. Position can be varied to suit situation
- 2 Acoustic material absorbs noise
- 3 4 different air inlet sizes available

Airvent DGL SUPER is the ultimate glazed in or transom mounted acoustic solution. It can offer acoustic performance up to 55dB sound reduction and offers an excellent range of airflow options.

FEATURES:

- ✓ Glazed in or transom mounting
- ✓ Exceptional acoustic performance up to 55dB Dnew in open position
- ✓ Airflow options with full control
- ✓ Fantastic noise reduction. 290-10 gives 55dB Dnew
- ✓ Various airflow options
- ✓ Caters for all glass thicknesses

CROSS SECTION:



Equivalent Area⁽¹⁾ [mm²/m]

DGL SUPER 170-10	17433
DGL SUPER 170-15	28759
DGL SUPER 170-20	35376
DGL SUPER 170-25	38939
DGL SUPER 210-10	17561
DGL SUPER 210-15	26723
DGL SUPER 210-20	34230
DGL SUPER 210-25	36903
DGL SUPER 250-10	16034
DGL SUPER 250-15	25196
DGL SUPER 250-20	33976
DGL SUPER 250-25	36139
DGL SUPER 290-10	15270
DGL SUPER 290-15	25323
DGL SUPER 290-20	33721
DGL SUPER 290-25	34103

AIRVENT DGL SUPER	170	210	250	290
Air flow air inlet 10 mm				
Q at 1 Pa	13.7 l/s/m	13.8 l/s/m	12.6 l/s/m	12.0 l/s/m
q1 at 2 Pa	20.56 l/s/m	20.83 l/s/m	20.56 l/s/m	18.61 l/s/m
Air flow air inlet 15 mm				
Q at 1 Pa	22.6 l/s/m	21.0 l/s/m	19.8 l/s/m	19.9 l/s/m
q1 at 2 Pa	33.05 l/s/m	32.5 l/s/m	31.11 l/s/m	30.55 l/s/m
Air flow air inlet 20 mm				
Q at 1 Pa	27.8 l/s/m	26.9 l/s/m	26.7 l/s/m	26.5 l/s/m
q1 at 2 Pa	40 l/s/m	40.55 l/s/m	39.44 l/s/m	38.89 l/s/m
Air flow air inlet 25 mm				
Q at 1 Pa	30.6 l/s/m	29.0 l/s/m	28.4 l/s/m	26.8 l/s/m
q1 at 2 Pa	45.28 l/s/m	44.17 l/s/m	44.17 l/s/m	43.05 l/s/m
Control options	Lever or Rod (up to 2m)			
U-value	4.5 W/m ² *K	4.6 W/m ² *K	4.6 W/m ² *K	4.7 W/m ² *K
Acoustic insulation Dn, e, w (C, Ctr), Air inlet 10 mm	Open 42 (-1;-3) dB Closed 51 (-1;-4) dB	Open 46 (-1;-4) dB Closed 51 (-1;-4) dB	Open 51 (-1;-6) dB Closed 55 (-2;-6) dB	Open 55 (-1;-5) dB Closed 59 (-2;-6) dB
Acoustic insulation Dn, e, w (C, Ctr), Air inlet 15 mm	Open 40 (-1;-3) dB Closed 53 (-1;-4) dB	Open 43 (-1;-3) dB Closed 55 (-1;-4) dB	Open 46 (-2;-5) dB Closed 55 (-1;-5) dB	Open 48 (-1;-5) dB Closed 56 (-2;-6) dB
Acoustic insulation Dn, e, w (C, Ctr), Air inlet 20 mm	Open 37 (0;-2) dB Closed 48 (-2;-4) dB	Open 40 (-1;-2) dB Closed 52 (-2;-4) dB	Open 43 (-1;-4) dB Closed 53 (-1;-4) dB	Open 46 (-1;-5) dB Closed 55 (-3;-5) dB
Acoustic insulation Dn, e, w (C, Ctr), Air inlet 25 mm	Open 35 (0;-2) dB Closed 45 (-1;-3) dB	Open 38 (-1;-2) dB Closed 55 (-1;-4) dB	Open 41 (-1;-4) dB Closed 50 (-1;-4) dB	Open 43 (-1;-5) dB Closed 53 (-1;-4) dB
Water resistance - In closed position	900 Pa			
Trickle Ventilation (airflow in the closed position at 50pa)	<15%			
Glass reduction	135 mm			
Maximum dimensions under warranty	2500mm transom installation / 2000mm glazed in			
End cap dimension	6 mm			

(1) Value for non self regulating version, according to EN 13141-1