

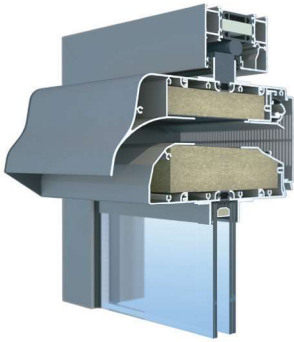
DG/DGL WINDOW VENTS



airvent

DGL SUPER

GLAZED IN ACOUSTIC VENT



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.

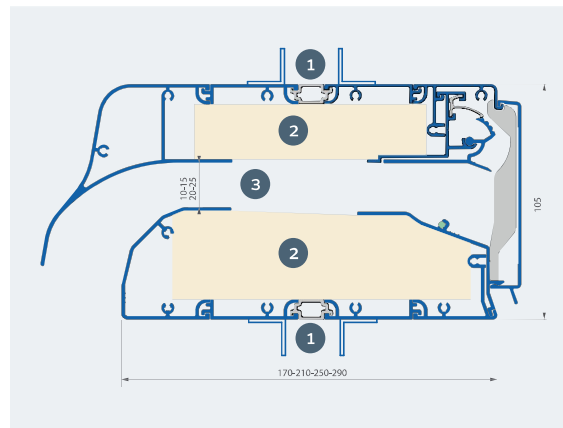
FEATURES:

- ✓ 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

DETAILS:

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

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
q1 at 10 Pa	74 l/s/m	75 l/s/m	74 l/s/m	67 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
q1 at 10 Pa	119 l/s/m	117 l/s/m	115 l/s/m	110 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
q1 at 10 Pa	144 l/s/m	146 l/s/m	142 l/s/m	140 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
q1 at 10 Pa	163 l/s/m	159 l/s/m	159 l/s/m	155 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	133 mm			
Maximum dimensions under warranty	2500mm transom installation / 2000mm glazed in			
End cap dimension	6 mm			



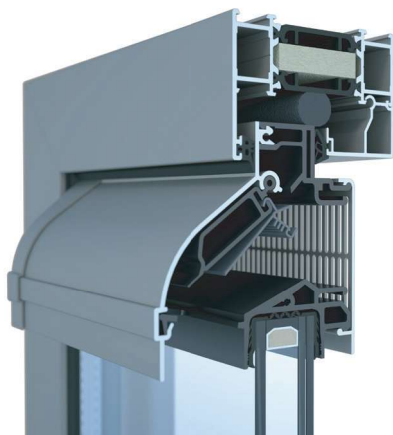
(1) Value for non self regulating version, according to EN 13141-1

Custom RAL, dual colour (internal/external) and stock colours available. See pricelist for more details.

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DG75 / DG75 EX

GLAZED IN VENT



Airvent DG75 (EX) is a thermally broken glazed in vent with sleek lines and different airflow options. When you need a glazed in vent the DG75 can cope with most situations, with options for very high airflow and excellent weatherability. Ideal for glazing thickness up to **32mm**.

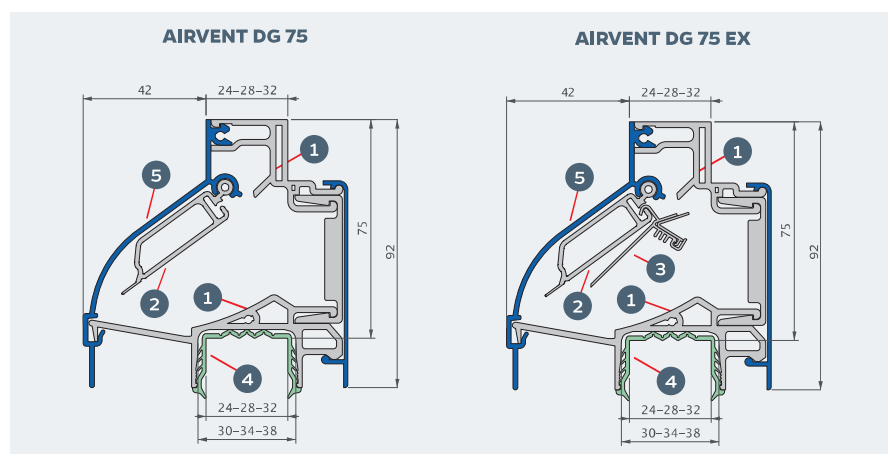
FEATURES:

- ✓ 5 airflow options available by offering differing grille perforations.
- ✓ Inner insect grille removable for cleaning
- ✓ High airflow options available: Up to 24,432 mm² EA per m;
- ✓ Thermally broken;
- ✓ Self regulating airflow;
- ✓ Insect grille
- ✓ Rod control option;
- ✓ Manufactured from extruded aluminium;
- ✓ 10 Year Guarantee.

DETAILS:

- 1 Thermal break
- 2 Internal operation, 5 position lever control
- 3 Patented self-regulating valve to ensure a uniform air supply
- 4 Customised glazing gasket
- 5 Rain protection
- 6 Available in different glass thicknesses

CROSS SECTION:



AIRVENT DG75 (EX)	75/12	75/18	75/24	75/16 EX	75/21 EX
Equivalent Area ⁽¹⁾	12089 mm²/m	18451 mm²/m	24432 mm²/m	16415 mm²/m	21760 mm²/m
Air flow Q at 1 Pa	9.5 l/s/m	14.5 l/s/m	19.2 l/s/m	12.9 l/s/m	17.1 l/s/m
Air flow q1 at 2 Pa	13.89 l/s/m	21.11 l/s/m	29.17 l/s/m	19.44 l/s/m	26.67 l/s/m
Air flow q1 at 10 Pa	31.94 l/s/m	48.05 l/s/m	66.11 l/s/m	16.39 l/s/m	27.22 l/s/m
Control options	Lever or Rod (up to 2m)				
Self-regulation	No			Yes	
U -value	2.68 W/m²K				
Acoustic insulation Dn, e, w (C, Ctr)					
— In open condition	26 (0;-1) dB				
— In closed condition	36 (-1;-3) dB				
Water Tightness					
— in closed position	750 Pa				
Trickle Ventilation (airflow in the closed position at 50pa)	<15%				
Surface area	0.075 m²/m				
Glass reduction	75 mm				
Installation height	92 mm				
Suitable for glass thicknesses	24 - 28 - 32 mm (with dry glazing gasket) / 36 mm (with silicone seal)				
Maximum dimensions under warranty	2500 mm				
End cap dimension	85 mm				

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



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**DG80 / DGL80 / DG80 EX
DGL80 EX**
GLAZED IN VENT



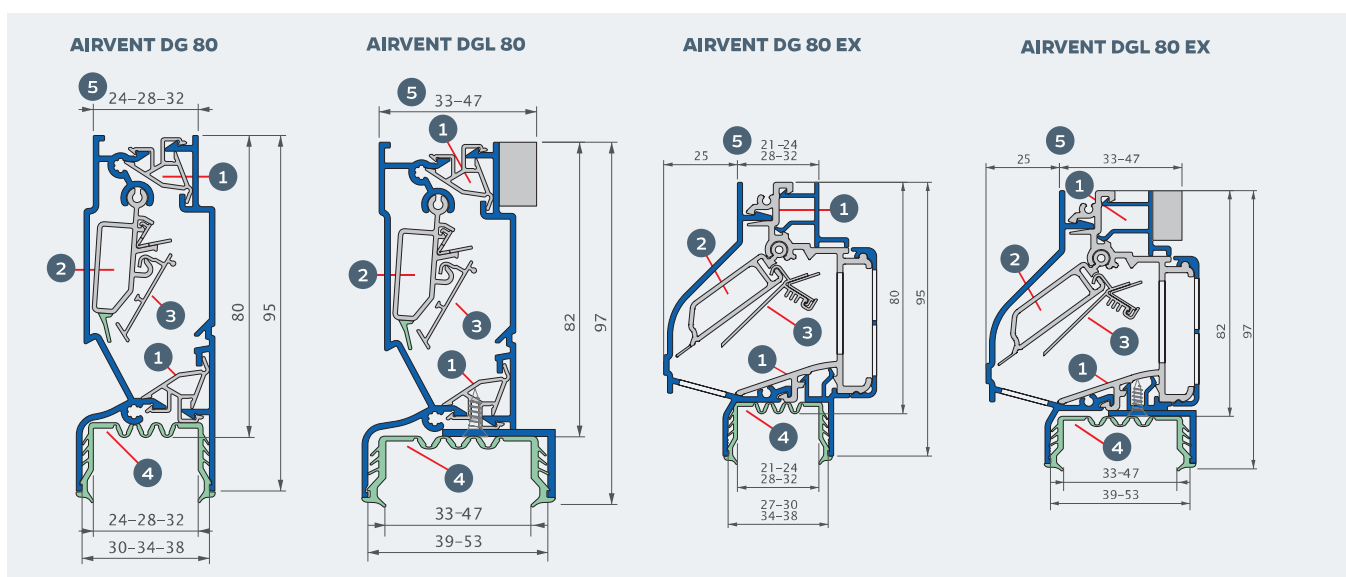
Airvent DG / DGL 80 (EX) is an 80mm glazed in vent with flat or hooded options. When you need a glazed in vent that can offer great performance and can cope with glazing thicknesses up to 47mm this is your choice.

FEATURES:

- ✓ Over 15,000mm² per metre airflow
- ✓ Self regulation flap to avoid draughts
- ✓ Thermally broken
- ✓ Suitable for thick glazing options.
- ✓ Lever control
- ✓ Hooded or flat options



CROSS SECTION:



DETAILS:

- 1 Thermal break;
- 2 Internal closing valve, adjustable in 5 positions
- 3 Self-regulating valve to ensure a uniform air supply
- 4 Customised glazing gasket
- 5 Available in different glass thicknesses

AIRVENT DG/DGL 80		AIRVENT DG/DGL 80EX
15016 mm ² /m	Equivalent Area ⁽¹⁾	15270 mm ² /m
11.8 l/s/m	Air flow Q at 1 Pa	12.0 l/s/m
16,94 l/s/m	Air flow q1 at 2 Pa	14.72 l/s/m
21,39 l/s/m	Air flow q1 at 10 Pa	18.61 l/s/m
Lever or Rod (up to 2m)	Control options	5 different positions
Yes	Self-regulation	Yes
3.8 W/m ² K	U-value	4.02 W/m ² .K
27 (0;-1) dB	Acoustic insulation Dn, e, w (C, Ctr)	26 (0;-1) dB
38 (-1;-1) dB	— In open condition	40 (-1;-1) dB
	— In closed position	
700 Pa	Water Tightness	750 Pa
<15%	— In closed position	
0.080 m ² /m	Trickle Ventilation (airflow in the closed position at 50pa)	<15%
80 mm	Surface area	0.080 m ² /m
95 mm	Glass reduction	80 mm
	Installation height	94 mm
24/28/32/33-47 mm (with dry glazing gasket or silicone seal)	Suitable for glass thicknesses	21/24/28/32/33-47 mm (with dry glazing gasket or silicone seal)
2500 mm	Maximum dimensions under warranty*	2500 mm
80 mm	End cap dimension	90 mm

(1) Value for non self regulating version, according to EN 13141-1 * Not valid for larger glass thicknesses.

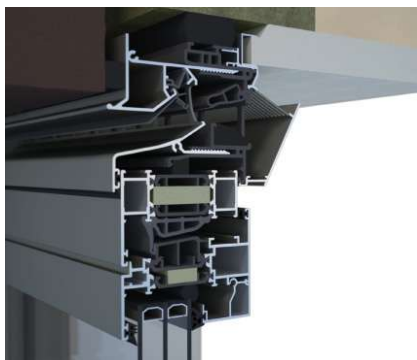


Custom RAL, dual colour (internal/external)
and stock colours available. See pricelist for more details.

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OF STANDARD / OF EX

OVER FRAME VENT

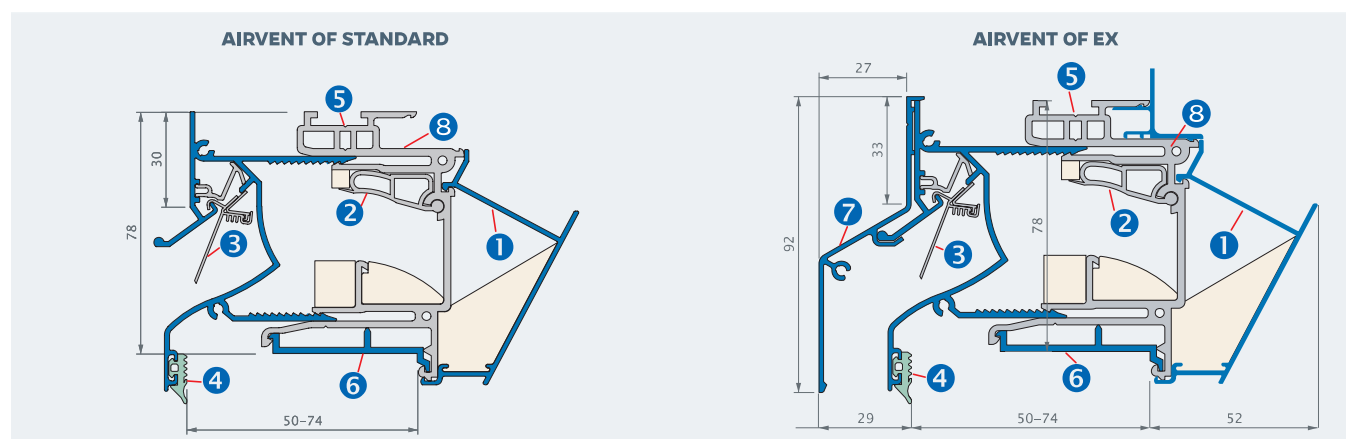


Airvent OF and OF EX are high performance over frame vents giving excellent airflow and a discrete appearance. When you want the neatest look these over frame units are a fabulous choice. If your building is in a particularly exposed location use the OF EX to give enhanced weatherability

FEATURES:

- ✓ Thermally broken
- ✓ Self-regulating
- ✓ Frame depth from 50-194mm and beyond
- ✓ Water-tight up to 1200 Pa
- ✓ Suitable for use on all types of window construction: aluminium, timber & plastic
- ✓ Inside insect grille easily removed for cleaning
- ✓ Natural upward deflection
- ✓ Available in single and dual colour.
- ✓ Manufactured from extruded aluminium

CROSS SECTION:



DETAILS:

- 1 Natural upward flow of air via removable insect grille
- 2 Adjustable air inlet allowing for 5 different airflow positions
- 3 Self-regulating valve to ensure a uniform flow of air even in high winds
- 4 Gasket for continuous sealing on the window frame
- 5 Euronut groove 14/18
- 6 Fixing plate supplied for all windows types and sizes.
- 7 Rain hood for excellent weatherability.
- 8 Thermally broken low U value.

AIRVENT OF AND OF EX	AIRVENT OF STANDARD	AIRVENT OF EX
Equivalent Area ⁽¹⁾	14125 mm ² /m	
Air flow Q at 1 Pa	11.1 l/s/m	
Air flow q1 at 2 Pa	15.83 l/s/m	
Air flow q1 at 10 Pa	23.05 l/s/m	
Control options	Lever or Rod (up to 2m)	
Self regulation	Yes	
U-value	1.8 W/m ² .K	
Acoustic insulation Dn,e,w (C, Ctr)		
— In open position	36 (-1;-3) dB	
— In closed position	42 (-1;-4) dB	
Water tightness - In closed position	650 Pa	1200 Pa
Trickle Ventilation (airflow in the closed position at 50pa)	<15%	
Surface area	0.078 m ² /m	
Build in height	78 mm	
Window frame depths (adjustable), larger on demand	50-74, 74-98, 98-122, 122-146, 146-170, 170-194 mm	
Maximum dimension under guarantee	3000 mm	
End cap dimension	106 mm	

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



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OF ACO / OF ACO EX
OVER FRAME ACOUSTIC VENT

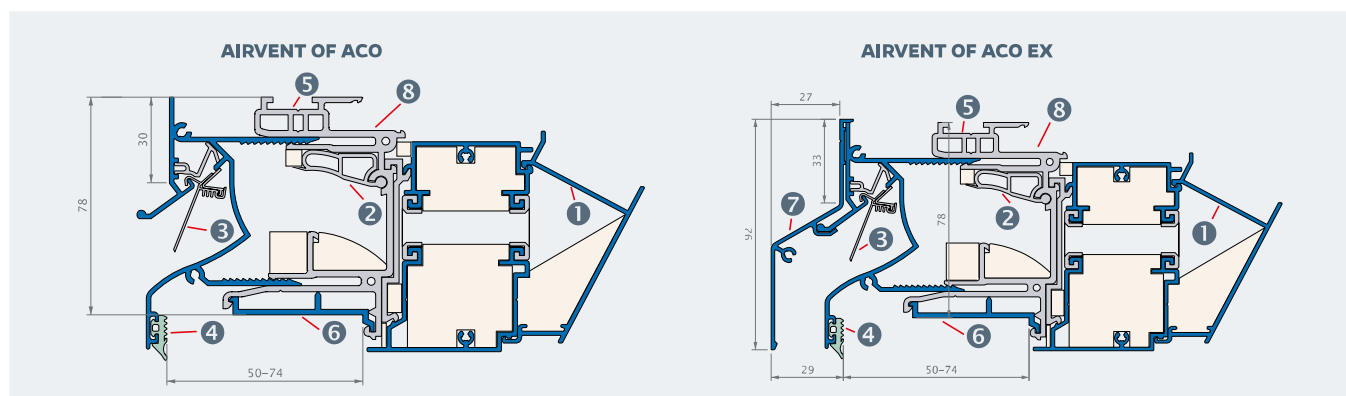


Airvent OF ACO provides excellent noise reduction together with a discrete appearance and controllable airflow. When you want a neat solution to noise control this is a great choice. If your building is in particularly exposed location use the airvent OF ACO EX to give enhanced weatherability.

FEATURES:

- ✓ Thermally broken
- ✓ Self-regulating
- ✓ Frame depth from 50-194mm and beyond
- ✓ Up to 41 dB acoustic reduction in the open position
- ✓ Water-tight up to 1200 Pa
- ✓ Suitable for use on all types of window construction: aluminium, timber & plastic
- ✓ Inside insect grille easily removed for cleaning
- ✓ Natural upward deflection
- ✓ Available in single and dual colour
- ✓ Manufactured from extruded aluminium

CROSS SECTION:



DETAILS:

- | | | |
|--|---|--|
| 1 Natural upward flow of air via removable insect grille | 4 Gasket for continuous sealing on the window frame | 7 Rain hood for excellent weatherability |
| 2 Adjustable air inlet allowing for 5 different airflow positions | 5 Euronut groove 14/18 | 8 Thermally broken low U value |
| 3 Self-regulating valve to ensure a uniform flow of air even in high winds | 6 Fixing plate supplied for all windows types and sizes | |

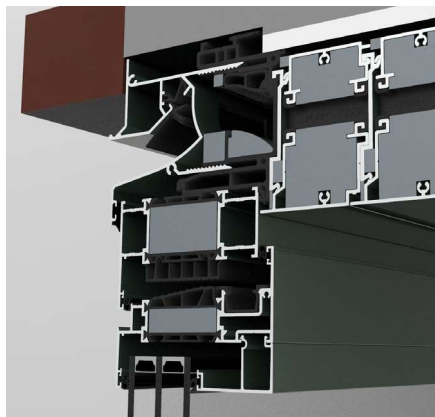
AIRVENT OF ACO / OF ACO EX	AIRVENT OF ACO	AIRVENT OF ACO EX
Equivalent Area ⁽¹⁾	12725 mm ² /m	
Air flow Q at 1 Pa	10.0 l/s/m	
Air flow q1 at 2 Pa	14.17 l/s/m	
Air flow q1 at 10 Pa	20.0 l/s/m	
Control options	Lever or Rod (up to 2m)	
Self regulation	Yes	
U-value	2.1 W/m ² K	
Acoustic insulation Dn,e,w (C, Ctr)		
— In open position	41 (-1;-3) dB	
— In closed position	47 (-2;-4) dB	
Water tightness - In closed position	650 Pa	1200 Pa
Trickle Ventilation (airflow in the closed position at 50pa)	<15%	
Surface area	0.078 m ² /m	
Build in height	78 mm	
Window frame depths (adjustable), larger on demand	50-74, 74-98, 98-122, 122-146, 146-170, 170-194 mm	
Maximum dimension under guarantee	3000 mm	
End cap dimension	106 mm	

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



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OF ACO+ / OF ACO+ EX
OVER FRAME ACOUSTIC VENT

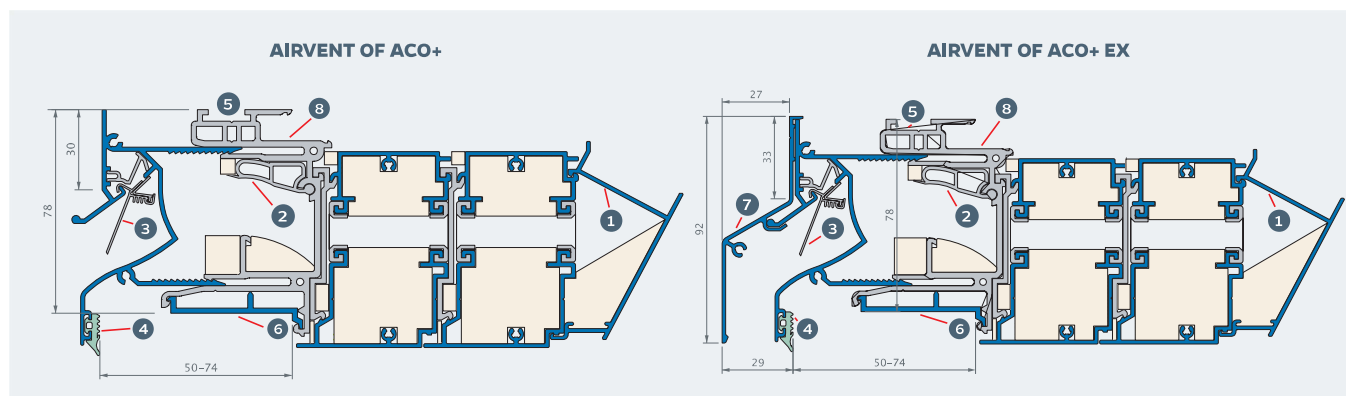


OF ACO+ (EX) provides excellent noise reduction together with a discrete appearance and controllable airflow. When you want a neat solution to noise control this is a great choice. If your building is in particularly exposed location use the airvent OF ACO EX to give enhanced weatherability.

FEATURES:

- ✓ Thermally broken
- ✓ Self-regulating
- ✓ Frame depth from 50-194 mm and beyond
- ✓ Up to 46 dB acoustic reduction in the open position
- ✓ Water-tight up to 1200 Pa
- ✓ Suitable for use on all types of window construction: aluminium, timber & plastic
- ✓ Inside insect grille easily removed for cleaning
- ✓ Natural upward deflection
- ✓ Available in single and dual colour
- ✓ Manufactured from extruded aluminium

CROSS SECTION:



DETAILS:

- | | | |
|---|--|--|
| 1 Natural upward flow of air via removable insect grille | 3 Self-regulating valve to ensure a uniform flow of air even in high winds | 6 Fixing plate supplied for all windows types and sizes. |
| 2 Adjustable air inlet allowing for 5 different airflow positions | 4 Gasket for continuous sealing on the window frame | 7 Rain hood for excellent weatherability. |
| | 5 Euronut groove 14/18 | 8 Thermally broken low U value. |

AIRVENT OF ACO+ / OF ACO+ EX	AIRVENT OF ACO+	AIRVENT OF ACO+ EX
Equivalent Area ⁽¹⁾	9875 mm ² /m	
Air flow Q at 1 Pa	7.9 dm ³ /s/m	
Air flow q1 at 2 Pa	11,11 l/s/m	
Air flow q1 at 10 Pa	16,94 l/s/m	
Control options	Lever or Rod (up to 2m)	
Self regulation	Yes	
U-value	2.2 W/m ² K	
Acoustic insulation Dn,e,w (C, Ctr)		
— In open position	46 (-1;-4) dB	
— In closed position	52 (-1;-5) dB	
Water tightness - In closed position	650 Pa	1200 Pa
Trickle Ventilation (airflow in the closed position at 50pa)	<15%	
Surface area	0.078 m ² /m	
Build in height	78 mm	
Window frame depths (adjustable), larger on demand	50-74, 74-98, 98-122, 122-146, 146-170, 170-194 mm	
Maximum dimension under guarantee	3000 mm	
End cap dimension	106 mm	

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



airvent

OF SUPER

OVER FRAME ACOUSTIC VENT



DETAILS:

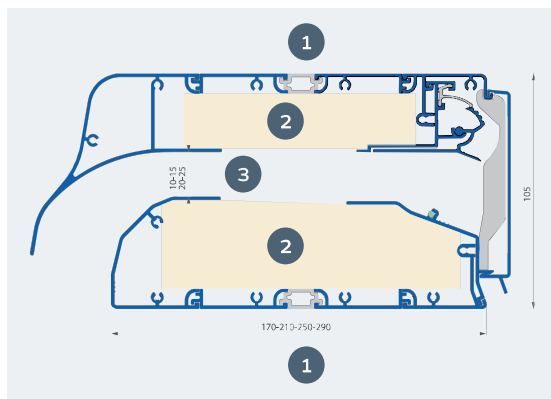
- 1 Thermal break. Position can be varied to suit situation
- 2 Acoustic material absorbs noise
- 3 4 different air inlet sizes available

Airvent OF SUPER is the neatest solution to high acoustic requirement. Incorporating these vents to the top of the window provides discrete noise control and excellent airflow options.

FEATURES:

- ✓ Discrete over frame installation
- ✓ Exceptional acoustic performance up to 55dB Dnew in open position
- ✓ Airflow options with full control
- ✓ Fantastic noise reduction. 290-10 gives 55dB Dnew
- ✓ Airflow options with full control

CROSS SECTION:



Equivalent Area⁽¹⁾ [mm²/m]

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

AIRVENT OF 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
q1 at 10 Pa	74 l/s/m	75 l/s/m	74 l/s/m	67 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
q1 at 10 Pa	119 l/s/m	117 l/s/m	115 l/s/m	110 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
q1 at 10 Pa	144 l/s/m	146 l/s/m	142 l/s/m	140 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
q1 at 10 Pa	163 l/s/m	159 l/s/m	159 l/s/m	155 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 50 pa)	<15%			
Installation height	105 mm			
Maximum dimensions under warranty	2500 mm on transom/frame 2000 mm on glass			
End cap dimension	6 mm			



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

Custom RAL, dual colour (internal/external) and stock colours available. See pricelist for more details.

