

BROOKVENT™

WINDOW VENTILATION



airvent 

SURFACE MOUNTED WINDOW VENTS

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HUMIDITY - CONTROLLED WINDOW VENTS

Humidity-controlled window vents automatically regulate air flow depending on the level humidity in the room.

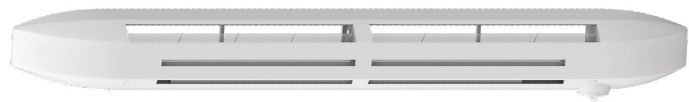
- An energy-saving solution for residential and commercial and public utilities
- The highest comfort of use. Vents automatically open and close
- Adjusting the air exchange to the needs
- Suitable for all types window frames
- Acoustic solutions up to 43dB(A) available
- Humidity sensor - no power supply required



airvent[≡]
SM HY



airvent[≡]
Aquvent HY



airvent[≡]
BHY 4000





DIMENSIONS:
(Width x height x depth)



Vent SM HY: 428 x 39 x 34 [mm]



Hood SM Tip Vent: 430 x 21 x 23 [mm]



Flat grill GPE2A (option): 390 x 20 x 3 [mm]

Slot dimensions [mm]



*technical parameters presented for the slot

Colours

- RAL 9016 ■ RAL 8003 🎨 Bespoke RAL
- RAL 8017 ■ RAL 7016
- RAL 7040 ■ RAL 9005

KEY FEATURES:

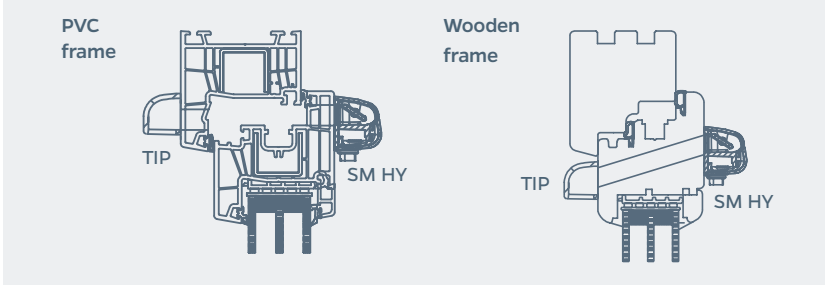
- ✓ An energy-saving solution for residential, commercial and public utilities (e.g. schools, hospitals)
- ✓ Application in all ventilation systems, the operation of which is based on passive air supply devices
- ✓ Humidity Sensitive - air exchange always adjusted to the needs
- ✓ Humidity sensor- polyamide tape does not require power
- ✓ Three operating modes: automatic, open and closed
- ✓ The horizontal direction of the air supply
- ✓ The possibility of using a flat grill instead of an hood (assembly with an external roller shutter)
- ✓ The possibility of manual closing and opening of the air flow



ASSEMBLY:

SM HY is mounted to the joinery with screws. From the outside, the SM Tip Vent is mounted. If the vent is installed in a window with an external roller shutter, a GPE2A flat grill should be used instead of the hood.

CROSS SECTION:



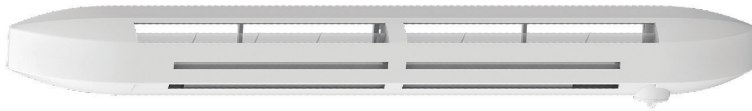
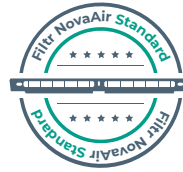
AIR FLOW:

Vent	Open position @10 Pa	Close position @10 Pa
SM HY + TIP	30 m ³ /h	8 m ³ /h

ACOUSTIC INSULATION:

Vent	Open position Dn,e,w (C; Ctr)	Dn, e, A2*	Close position Dn,e,w (C; Ctr)	Dn, e, A2*
SM HY + TIP	32 (0;1) dB	33 dB	35 (0;0) dB	35 dB

*Dn, e, A2: sound reduction index with the dominance of low register tones, e.g. city traffic, disco music, low speed rail traffic, jet aircraft at large distances



Colors of the vent and coupler:

- White □ RAL 1013 □ RAL 1011 □ RAL 8003 □ RAL 8024
- RAL 8004 □ RAL 8019 □ RAL 7035 □ RAL 7016 □ RAL 9011
- 🔧 Bespoke colours available

Press/Tip hood colours:

- White □ RAL 8003 □ RAL 8017 □ RAL 7040 □ RAL 7016
- RAL 8019 □ RAL 9005

dB-R acoustic hood colours:

- White □ RAL 7016 🏗️ Raw aluminum for painting

*It is possible to order sets in mixed colors, for example, regulator - white, air intake - RAL 8003.

DIMENSIONS:
(width x height x depth)



Vent Aquvent HY: 420 x 45 x 40 [mm]



Acoustic coupler B: 420 x 45 x 20 [mm]



Acoustic hood dB-R: 390 x 35 x 45 [mm]



Hood SM Press Vent/Tip Vent: 430 x 21 x 23 [mm]



GPE2A flat grill (option): 390 x 20 x 3 [mm]

Slot dimensions [mm]



*technical parameters presented for the slot 10 and 12mm

KEY FEATURES:

- ✓ Automatic air intake
- ✓ The possibility of manual closing and opening of the air flow
- ✓ PZH Hygienic Certificate
- ✓ Humidity sensor with polyamide film bundle
- ✓ Manufactured from polystyrene

- ✓ Optional B acoustic coupler and dB-R hood for improved sound comfort (up to 42 dB (A))
- ✓ Horizontally directed air intake

ASSEMBLY:

Aquvent HY vent regulator is screwed to the joinery. The acoustic hood dB-R (for improved sound reduction) hood is installed outside.

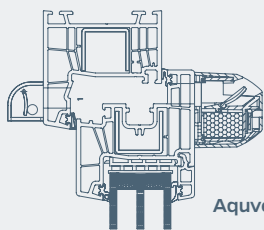
AIRFLOW:

- The amount of air depends on the humidity of the interior.
- The output of Aquvent HY humidity-sensitive vent ranges from 45–60% depending on the relative humidity in the interior. Capacity: 10 Pa = 7–30 m³/h; 20 Pa = 8–42 m³/h.

Standard

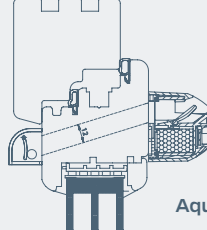
CROSS SECTION:

PCV frame



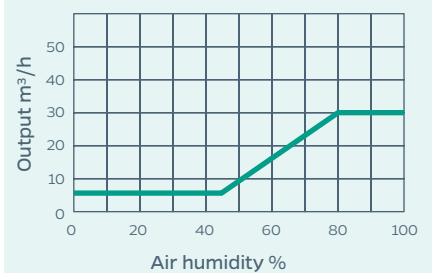
Aquvent HY PRESS

Wooden frame



Aquvent HY PRESS

The chart presents vent output vs. humidity level in a room at a pressure differential 10 Pa.



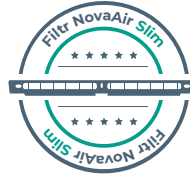
ACOUSTIC INSULATION:

Vent	Open position @10 Pa		Close position @10 Pa	
	Dn, e, w (C; Ctr)	Dn, e, A2*	Dn, e, w (C; Ctr)	Dn, e, A2*
Aquvent HY + TIP	36 (0; 0) dB	36 dB	39 (0; -1) dB	38 dB
Aquvent HY + PRESS	36 (0; 0) dB	36 dB	39 (0; -1) dB	38 dB
Aquvent HY + B + TIP	39 (-1; -1) dB	38 dB	41 (-1; -1) dB	40 dB
Aquvent HY + B + PRESS	39 (-1; -1) dB	38 dB	41 (-1; -1) dB	40 dB
Aquvent HY + B + dB-R	42 (-1; -1) dB	41 dB	43 (0; -1) dB	42 dB

*Dn, e, A2: sound reduction index with the dominance of low register tones, e.g. city traffic, disco music, low speed rail traffic, jet aircraft at large distances

airvent

BHY 4000



DIMENSIONS: (width x height x depth)

Vent BHY 4000: 410 x 27 x 48 [mm]

Hood SM1000 4000: 450 x 16 x 19 [mm]

GPE2A flat grill (option): 390 x 20 x 3 [mm]

Colours

- White
- RAL 8003
- RAL 8017
- RAL 7016
- Bespoke RAL

*It is possible to order sets in mixed colors, for example, regulator - white, air intake - RAL 8003.

Slot dimensions [mm]



*technical parameters presented for the slot 12mm

KEY FEATURES:

- ✓ Suitable for all ventilation systems based on passive intake devices
- ✓ Humidity-sensitive: air exchange always adjusted to the actual needs
- ✓ Manual adjusting of air intake
- ✓ Insect grill
- ✓ Possibility to install a flat grill instead of air inlet (installation with external shutters)

ASSEMBLY:

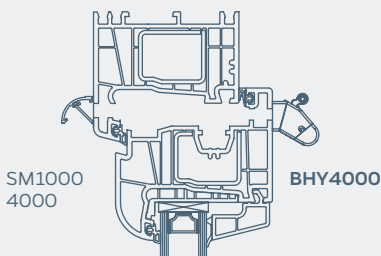
BHY 4000 vents are screwed to the joinery. The SM1000 4000 hood or GPE2A flat grill, in case of external shutter, is installed outside.

AIR FLOW:

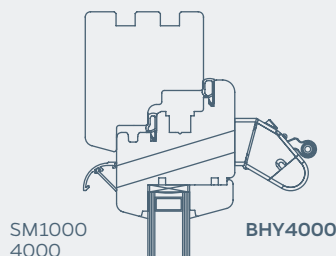
- The amount of air depends on the humidity of the interior.
- The BHY 4000 vent operates within the range of relative humidity 30-75%.
Output: 10Pa = 6-30 m³/h;
20Pa = 8-43 m³/h.
- Instructions for designer.
Negative pressure of 20Pa should be assumed for calculations of fresh air intake for mechanical extraction ventilation systems.

CROSS SECTION:

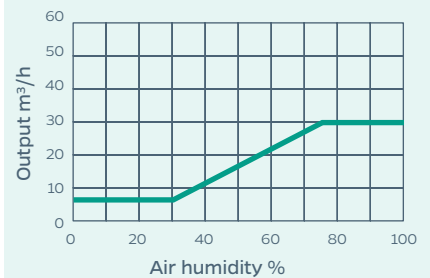
PCV frame



Wooden frame



The chart presents vent output vs. humidity level in a room at a pressure differential 10 Pa.



ACOUSTIC INSULATION:

Vent	Dn, e, w (C; Ctr)	Dn, e, A2*
BHY 4000	31 (0; 2) dB	33 dB

*Dn, e, A2: sound reduction index with the dominance of low register tones, e.g. city traffic, disco music, low speed rail traffic, jet aircraft at large distances

PRESSURE - CONTROLLED WINDOW VENTS

Pressure vents have a pressure aerostat, which automatically stabilize the air flow counteracting excessive ventilation.

- Comfort of use - no adjustment
- Available models with the option of manual adjustment
- Acoustic solutions up to 44dB(A) available
- Suitable for all types of frames windows



airvent[≡]

SM Press Vent

SM Press Vent MINI



airvent[≡]

VM-G



airvent[≡]

Isola 2MC



airvent[≡]

Isola 2



airvent

SM Press Vent
SM Press Vent MINI



Colours

- White
- RAL 8003
- RAL 8017
- Bespoke RAL
- RAL 7040
- RAL 7016
- RAL 9005

* Sets with mixed colours are also available, e.g. hood - golden oak, vent - white.
**To be used with the long version SM Press Vent.

DIMENSIONS: (width x height x depth)

Vent SM Press Vent: 430 x 21 x 23 [mm]
Vent SM Press Vent MINI: 249 x 21 x 23 [mm]

Hood SM Press Vent: 430 x 21 x 23 [mm]
Hood SM Press Vent MINI: 249 x 21 x 23 [mm]

GPE2A flat grill (option): 390 x 20 x 3 [mm]
GPVM flat grill (option): 295 x 20 x 3 [mm]

Slot dimensions [mm]



*technical parameters presented for the slot 12mm

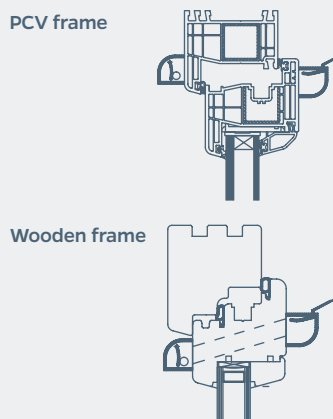
KEY FEATURES:

- ✓ Precise manual adjustment of two shutters
- ✓ Flow stabilizer (aerostat) P Air flow up to 35 m³/h
- ✓ Aesthetic, slim design
- ✓ Health friendly (PZH Hygienic Certificate)
- ✓ Air supply top and bottom
- ✓ Insect grill
- ✓ Possibility to install a flat grill instead of air intake (installation with external shutters)
- ✓ Manufactured from top quality material ABS

ASSEMBLY:

Press Vent vents are screwed to the joinery. The SM Press Vent hood or GPE2A flat grill, in case of external shutter, is installed outside.

CROSS SECTION:



AIR FLOW:

Vent	10 Pa	20 Pa
SM Press Vent	6-25 m ³ /h	9-35 m ³ /h
SM Press Vent MINI	3-12 m ³ /h	4-16 m ³ /h

ACOUSTIC DAMPING:

Acoustic insulation	Open position @10 Pa		Close position @10 Pa	
	Dn, e, w (C; Ctr)	Dn, e, A2*	Dn, e, w (C; Ctr)	Dn, e, A2*
SM Press Vent	32 (0; 1) dB	33 dB	38 (-1; -1) dB	37 dB
SM Press Vent MINI	34 (0; 1) dB	35 dB	40 (0; -1) dB	39 dB

*Dn, e, A2: sound reduction index with the dominance of low register tones, e.g. city traffic, disco music, low speed rail traffic, jet aircraft at large distances



DIMENSIONS:
(width x height x depth)



Vent VM-G: 305 x 20 x 18 [mm]



Hood CEA: 295 x 20 x 8 [mm]



GPVM flat grill (option): 295 x 20 x 3 [mm]

Colours

- White
- RAL 8004
- Bespoke RAL
- RAL 1013
- RAL 8019
- RAL 1011
- RAL 7035
- RAL 8003
- RAL 7016
- RAL 8024
- RAL 9011

* Sets with mixed colours are also available, e.g. hood - golden oak, vent - white.

Slot dimensions [mm]



*technical parameters presented for the slot 12mm

KEY FEATURES:

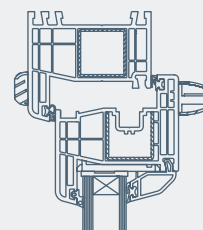
- ✓ Maintenance-free regulation of fresh air inflow
- ✓ To choose during the installation process: 15, 22 or 30 m³/h
- ✓ Protection against over-ventilation in the form of a pressure aerostat
- ✓ Health-friendly (PZH attested)

ASSEMBLY:

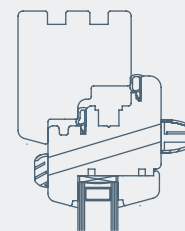
Pressure ventilators VM-G are installed into woodwork with the use of screws. The CEA intake port is installed on the external side. When installing the ventilator in a window with an external roller-blind, the GPVM net shall be used instead of the intake port.

CROSS SECTION:

PCV frame



Wooden frame



Within the VM-G 15 regulator there are screen which during the installation process are used for adjust- ing (by removing the appropriate section) the expected air flow efficiency (15, 22 or 30 m³/h@20 Pa).



AIR FLOW:

Vent	10 Pa	20 Pa
VM-G 30 + CEA	21 m ³ /h	30 m ³ /h
VM-G 22 + CEA	18 m ³ /h	22 m ³ /h
VM-G 15 + CEA	11 m ³ /h	15 m ³ /h

ACOUSTIC INSULATION:

Vent	Dn, e, w (C; Ctr)	Dn, e, A2*
VM-G 30 + CEA	33 (-1; 1) dB	34 dB
VM-G 22 + CEA	33 (0; 1) dB	34 dB
VM-G 15 + CEA	34 (0; 1) dB	35 dB

*Dn, e, A2: sound reduction index with the dominance of low register tones, e.g. city traffic, disco music, low speed rail traffic, jet aircraft at large distances



DIMENSIONS:
(width x height x depth)



Vent Isola 2: 422 x 45 x 45 [mm]



MC pad: 422 x 46 x 14 [mm]



RA acoustic coupler: 422 x 45 x 20 [mm]



SM Tip Vent hood: 430 x 21 x 23 [mm]



CFA acoustic hood: 390 x 35 x 45 [mm]



GPE2A flat mesh (option): 390 x 20 x 3 [mm]

Slot dimensions [mm]



*technical parameters presented for the slot 10mm

Isola 2 MC i GPE2A* colours:

- White
- RAL 7016
- RAL 8003
- RAL 8024
- RAL 1011
- RAL 7035
- RAL 8019
- RAL 9011
- Bespoke RAL

Tip* hood colours:

- White
- RAL 7016
- RAL 8003
- RAL 8017
- RAL 7040
- RAL 8019
- RAL 9005
- Bespoke RAL

CFA* hood colours:

- White
- RAL 7016
- Raw aluminum for painting

*It is possible to order painting in any RAL

KEY FEATURES:

- ✓ Automatic pressure flow stabilizer placed in the regulator.
- ✓ Manual controller included in the MC set. Option of more precise, stepless regulation.
- ✓ Option to choose from two models: 30 or 45.
- ✓ Option to increase comfort thanks to the RA acoustic coupler and CFA air intake (up to 43 dB (A)).

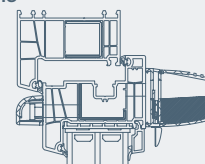
- ✓ Option to install with the NovaAir Standard anti-smog filter.

ASSEMBLY:

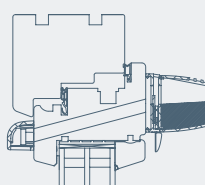
Isola 2 MC pressure air vents are mounted to woodwork by means of screws. TIP VENT Air Intake is installed on the outside or a CFA Air Intake to increase acoustic insulation. In case of installation of an air intake on a window with external blinds, instead of an air intake a GPE2A flat mesh should be applied.

CROSS SECTION:

PCV frame



Wooden frame



AIR FLOW:

Isola 2 MC Air Vent with manual control	10 Pa
Isola 2.45 MC	7-30 m ³ /h
Isola 2.30 MC	7-26 m ³ /h

ACOUSTIC INSULATION:

Isola 2 MC Air Vent with manual control	Open position		Close position	
	Dn, e, w (C; Ctr)	Dn, e, A2*	Dn, e, w (C; Ctr)	Dn, e, A2*
Isola 2.45 MC + TIP	38 (-1; 0) dB	38 dB	39 (0; 0) dB	39 dB
Isola 2.45 MC + RA + TIP	39 (0; 0) dB	39 dB	40 (-1; 0) dB	40 dB
Isola 2.45 MC + RA + CFA	42 (0; 0) dB	42 dB	43 (0; -1) dB	42 dB
Isola 2.45 MC + GPE2A	39 (-1; 0) dB	39 dB	40 (-1; 0) dB	40 dB
Isola 2.30 MC + TIP	39 (-1; 0) dB	39 dB	39 (0; 1) dB	40 dB
Isola 2.30 MC + RA + TIP	40 (-1; 0) dB	40 dB	40 (-1; 0) dB	40 dB
Isola 2.30 MC + RA + CFA	42 (0; 0) dB	42 dB	43 (-1; -1) dB	42 dB
Isola 2.30 MC + GPE2A	40 (-1; 0) dB	40 dB	41 (-1; -1) dB	40 dB

*Dn, e, A2: sound reduction index with the dominance of low register tones, e.g. city traffic, disco music, low speed rail traffic, jet aircraft at large distances

airvent
Isola 2



Colours:

- White
- RAL 8004
- Bespoke RAL
- RAL 1013
- RAL 8019
- RAL 1011
- RAL 7035
- RAL 8003
- RAL 7016
- RAL 8024
- RAL 9011

CFA intake colours:

- White
- RAL 7016
- Raw aluminum for painting

* Sets with mixed colours are also available, e.g. hood - golden oak, vent - white.

DIMENSIONS:
(width x height x depth)



Vent Isola 2: 422 x 45 x 45 [mm]



RA acoustic coupler: 422 x 45 x 20 [mm]



Acoustic hood CE2A: 400 x 23 x 12 [mm]



Acoustic hood CFA: 390 x 35 x 45 [mm]



GPE2A flat mesh (option): 390 x 20 x 3 [mm]

Slot dimensions [mm]



*technical parameters presented for the slot 12mm

KEY FEATURES:

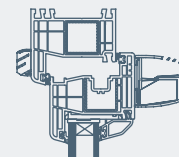
- ✓ Automatic pressure flow stabilizer placed in the regulator.
- ✓ Option to choose from two models: 30 or 45.
- ✓ Option to increase comfort thanks to the RA acoustic connector and CFA air intake (up to 43 dB (A)).
- ✓ Option to install with the NovaAir Standard anti-smog filter.

ASSEMBLY:

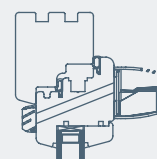
Isola 2 MC pressure air vents are mounted to woodwork by means of screws. TIP VENT Air Intake is installed on the outside or a CFA Air Intake to increase acoustic insulation. In case of installation of an air intake on a window with external blinds, instead of an air intake a GPE2A flat mesh should be applied.

CROSS SECTION:

PCV frame



Wooden frame



AIR FLOW:

Vent	10 Pa	20 Pa
Isola 2.45 + CE2A	34 m ³ /h	47 m ³ /h
Isola 2.45 + RA + CE2A	33 m ³ /h	44 m ³ /h
Isola 2.45 + RA + CFA	31.5 m ³ /h	45 m ³ /h
Isola 2.30 + CE2A	24 m ³ /h	32 m ³ /h
Isola 2.30 + RA + CE2A	25 m ³ /h	33 m ³ /h
Isola 2.30 + RA + CFA	21 m ³ /h	30 m ³ /h
Isola 2.22 + CE2A	18.5 m ³ /h	24.5 m ³ /h
Isola 2.22 + RA + CE2A	19.5 m ³ /h	26 m ³ /h
Isola 2.22 + RA + CFA	15.4 m ³ /h	22 m ³ /h

ACOUSTIC INSULATION:

Nawiewnik	Dn, e, w (C; Ctr)	Dn, e, A2*
Isola 2.45 + CE2A	38 (0; -1) dB	37 dB
Isola 2.45 + RA + CE2A	40 (-1; -1) dB	39 dB
Isola 2.45 + RA + CFA	42 (-1; -1) dB	41 dB
Isola 2.30 + CE2A	40 (-1; -1) dB	39 dB
Isola 2.30 + RA + CE2A	42 (-1; -1) dB	41 dB
Isola 2.30 + RA + CFA	43 (-1; -1) dB	42 dB
Isola 2.22 + CE2A	41 (-1; -1) dB	40 dB
Isola 2.22 + RA + CE2A	42 (-1; -1) dB	41 dB
Isola 2.22 + RA + CFA	44 (-1; -2) dB	42 dB

*Dn, e, A2: sound reduction index with the dominance of low register tones, e.g. city traffic, disco music, low speed rail traffic, jet aircraft at large distances

MANUAL WINDOW VENTS

Manual window vents are manually adjustable air flow. The amount of air supplied depends on the position in which the aperture is located.

- The user controls the open-close position by himself
- Slim, compact shape
- Suitable for all types window frames
- Aluminum vents available
- with the possibility of powder coating to any RAL



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SM 1200 PRO

NEW



airvent 
SM 1000

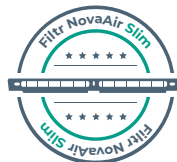


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SM Tip Vent
SM Tip Vent MINI



airvent

SM 1200 PRO



DIMENSIONS: (width x height x depth)



Vent SM 1200: 430 x 20 x 17,6 [mm] (25,2**)
** in open position



Acoustic hood dB-X: 399 x 35 x 45 [mm]

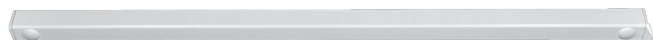


Acoustic coupler X: 399 x 42,14 x 40 [mm]


Slot dimensions [mm]



*technical parameters presented for the slot 10mm



Regulator colours:

- RAL 9910
- RAL 8003
-  Bespoke RAL
- RAL 8017
- RAL 7016
- RAL 9001
- RAL 9005

Colours of the air intake and acoustic connector:

- RAL 9003
- RAL 7012
-  Bespoke RAL
- RAL 8001
- RAL 7016
- RAL 8017

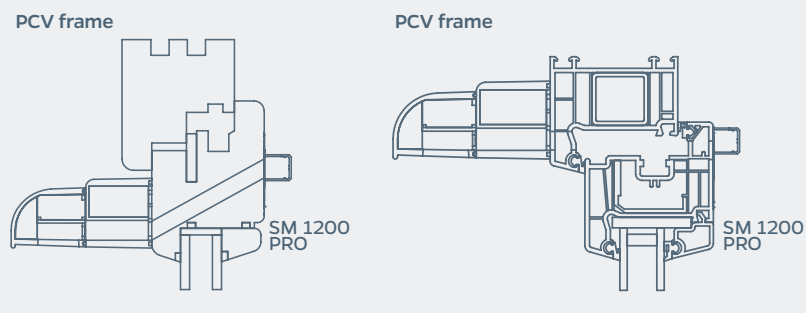
KEY FEATURES:

- ✓ Possibility of smooth adjustment air flow
- ✓ High acoustic comfort thanks to coupler and acoustic hood
- ✓ Slim and aesthetically design
- ✓ Vent made of high-quality aluminum, powder coated
- ✓ Air vent and coupler made of high-quality plastic

ASSEMBLY:

SM 1200 vents are mounted to the joinery using screws. From the outside: an acoustic hood with acoustic connector.

CROSS SECTION:



AIR FLOW:

Vent	@10 Pa
SM 1200 PRO	5-24 m ³ /h

ACOUSTIC INSULATION:

Vent	Open position Dn,e,w (C; Ctr)	Dn, e, A2*	Close position Dn,e,w (C; Ctr)	Dn, e, A2*
SM 1200 PRO	41 (0; -1) dB	40 dB	43 (0; -1) dB	42 dB

*Dn, e, A2: sound reduction index with the dominance of low register tones, e.g. city traffic, disco music, low speed rail traffic, jet aircraft at large distances

airvent[≡]

SM 1000



DIMENSIONS: (width x height x depth)



Vent SM 1000 4000: 460 x 16 x 16,6 [mm]
Vent SM 1000 2000: 260 x 16 x 16,6 [mm]



Hood SM 1000 4000: 450 x 16 x 19 [mm]
Hood SM 1000 2000: 250 x 16 x 19 [mm]



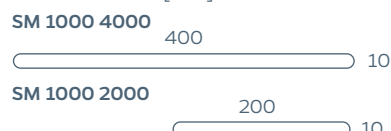
GPVM flat grill (option): 295 x 20 x 3 [mm]

Colours:

- White
- RAL 8003
- RAL 8017
- RAL 7016
- Raw aluminium
- RAL 9005
- Bespoke RAL

* Sets with mixed colours are also available, e.g. hood - golden oak, vent - white.

Slot dimensions [mm]



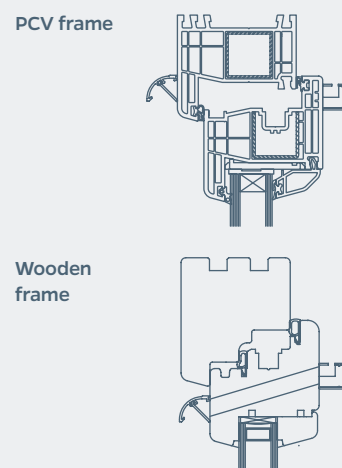
KEY FEATURES:

- ✓ Slimline vent
- ✓ Manual control
- ✓ Thermal foam seal (excl. Slot Trickle and Gas Option)
- ✓ Insect grill
- ✓ Manufactured from extruded aluminium
- ✓ Double action close position
- ✓ Polyester powder coated
- ✓ 5 year guarantee

ASSEMBLY:

SM 1000 4000, SM 1000 2000 vents are screwed to the joinery. The SM 1000 4000, SM 1000 2000 hoods or GPVM, STANDARD flat grills, in case of external shutters, are installed outside.

CROSS SECTION:



AIR FLOW:

Vent	10 Pa	20 Pa
SM 1000 4000	8-30 m ³ /h	11-43 m ³ /h
SM 1000 2000	4-16 m ³ /h	6-24 m ³ /h

ACOUSTIC INSULATION:

Acoustic damping	Open position		Close position	
	Dn, e, w (C; Ctr)	Dn, e, A2*	Dn, e, w (C; Ctr)	Dn, e, A2*
Vent				
SM 1000 4000	32 (-1; 1) dB	33 dB	34 (-1; 0) dB	34 dB
SM 1000 2000	34 (-1; 1) dB	35 dB	37 (0; 0) dB	37 dB

*Dn, e, A2: sound reduction index with the dominance of low register tones, e.g. city traffic, disco music, low speed rail traffic, jet aircraft at large distances

airvent

SM Tip Vent
SM Tip Vent MINI



Colours:

- White
- RAL 8003
- RAL 8017
- Bespoke RAL
- RAL 7040
- RAL 7016
- RAL 9005

*Sets with mixed colours are also available, e.g. hood - golden oak, vent - white.
**For use with the long version - SM Tip Vent.

DIMENSIONS:
(width x height x depth)



Vent SM Tip Vent: 430 x 21 x 23 [mm]
Vent SM Tip Vent MINI: 249 x 21 x 23 [mm]



Hood SM Tip Vent: 430 x 21 x 23 [mm]
Hood SM Tip Vent MINI: 249 x 21 x 23 [mm]



GPE2A flat grill (option): 390 x 20 x 3 [mm]



GPVM flat grill (option): 295 x 20 x 3 [mm]

Slot dimensions [mm]

Vent SM Tip Vent



Vent SM Tip Vent MINI



*technical parameters presented for the slot 12mm

KEY FEATURES:

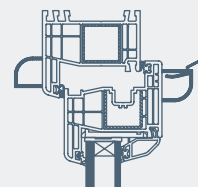
- ✓ Precise manual adjustment of two shutters
- ✓ Aesthetic, slim design
- ✓ Health-friendly – PZH certified
- ✓ Two air streams – air intake at the top or bottom
- ✓ Installation in aluminium windows with sleeves
- ✓ Possibility to install a flat grill instead of air intake (for installation with exterior blinds)
- ✓ Air intake with an insect grill

ASSEMBLY:

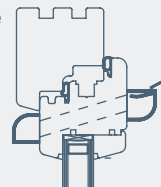
As a standard, the SM Tip Vents are screwed to the joinery. For installation in windows with exterior blinds, use the GPE2A flat grid.

CROSS SECTION:

PCV frame



Wooden frame



AIR FLOW:

Vent	10 Pa	20 Pa
SM Tip Vent	6-30 m ³ /h	9-40 m ³ /h
SM Tip Vent MINI	3-15 m ³ /h	4-20 m ³ /h

ACOUSTIC INSULATION:

Acoustic insulation:	Open position		Close position	
	Dn, e, w (C; Ctr)	Dn, e, A2*	Dn, e, w (C; Ctr)	Dn, e, A2*
Vent				
SM Tip Vent	32 (0; 0) dB	32 dB	37 (0; -1) dB	36dB
SM Tip Vent MINI	34 (0; 1) dB	35 dB	39 (0; 0) dB	39 dB

*Dn, e, A2: sound reduction index with the dominance of low register tones, e.g. city traffic, disco music, low speed rail traffic, jet aircraft at large distances


NOVA AIR

Filtration PM 2.5
90%

Unique
**ANTI-SMOG
FILTER**
FOR WINDOW VENTS



Universal application NovaAir is compatible with the majority of window vents available on the market;



Protection against air pollution caused by smog, pollen, dust, fumes, fungi, and bacteria;



Protection against insects application of a filter eliminates the necessity to use insect screens;



Easy installation and maintenance;



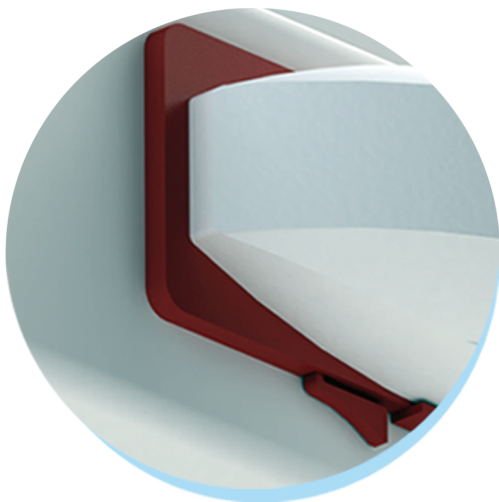
Long-term durability of the material;



Wide range of colours - available in six colours: white, RAL8003, RAL8017, RAL7040, RAL7016, RAL9005



Available in two sizes: slim and standard (430x45,5x5mm)



The application of products that restrict penetration of allergens and smog into building interiors, **we may enjoy healthy and clean air throughout the year.**

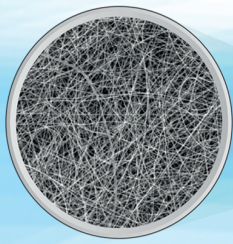


Smog, dust, allergens, spores...

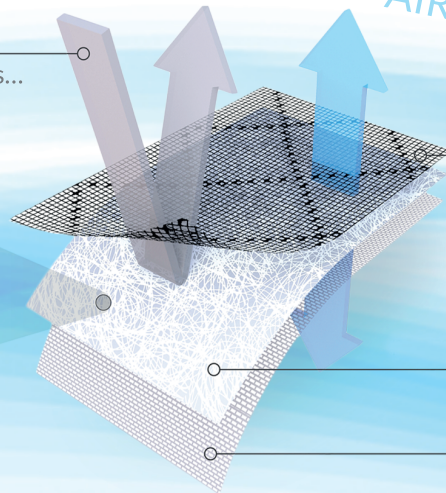
AIR



LIFE'S WORTH IT



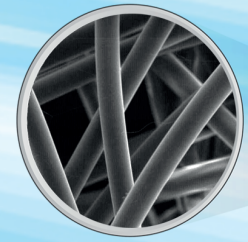
10 µm



Breathable mesh

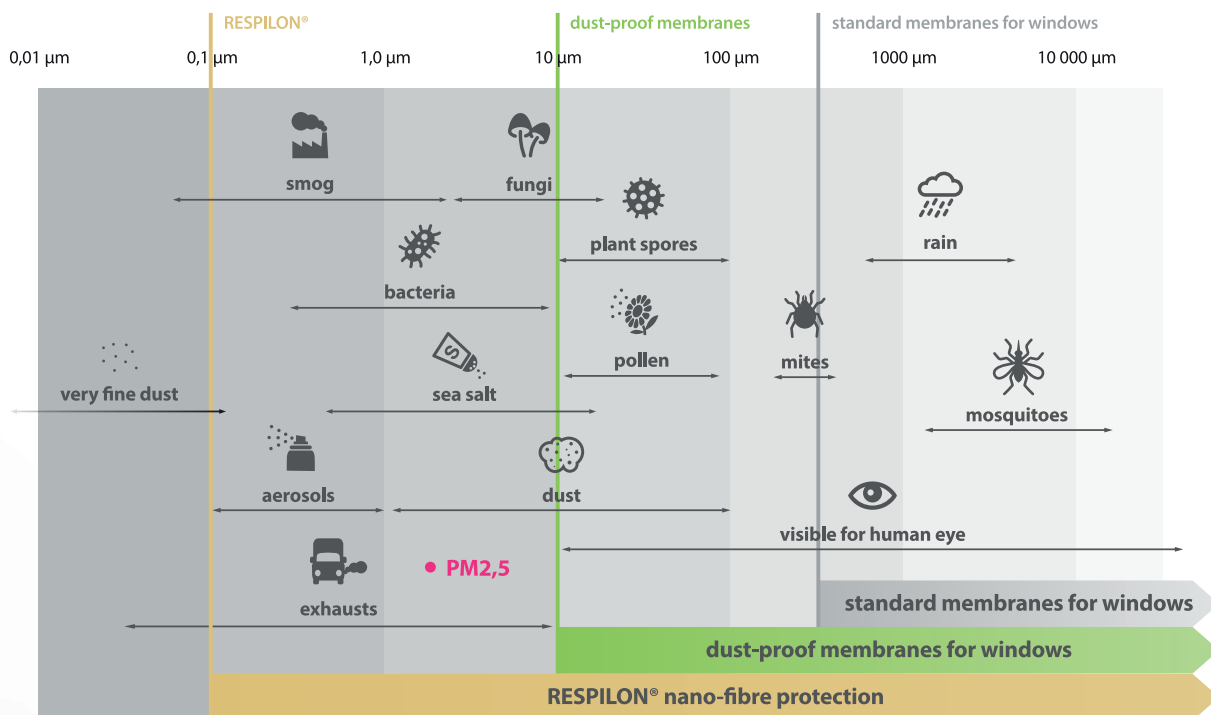
Nano-fibre membrane

Breathable mesh



RESPILON® - The fabric used in **NovaAir** filter has properties that limit penetration of allergens and smog into building interiors, allowing us to breathe healthy and clean air. Membrane made of layers of nanofibres protects against smog, pollution and allergens, at the same time ensuring the supply of clean air.

RESPILON® is a very dense weave of material, containing fibres of 50-150 nanometres in diameter. Due to their exceptional durability, nanofibres create a strong structure. RESPILON® stops even the smallest solid and liquid particles. What does that mean in practice? Viruses, bacteria, dust, smog, pollen, mould, or mites – none of these are able to penetrate through its pores. RESPILON® ensures efficient protection against air pollution, infections, allergies, at the same time maintaining perfect air permeability.



Source of information: Aerosol Technology – Properties, Behavior, and Measurement of Airborne Particles. William C. Hinds, 1999.

NovaAir filter is intended for people, who want to breathe clean air indoors.

The filter is recommended to those living in polluted areas, families with children and the elderly, pregnant women, people suffering from allergies or asthma, or people with weakened immune system.

