

# PRODUCT CATALOGUE (residential ventilation)

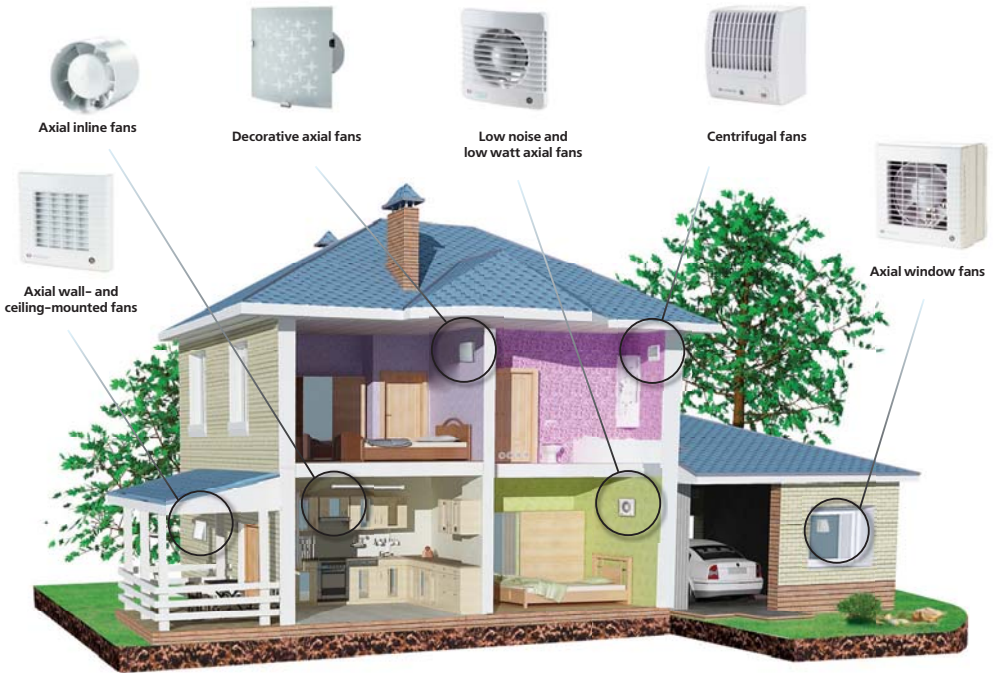


 **VENTS**

2012

*Fresh air in  
your house!*

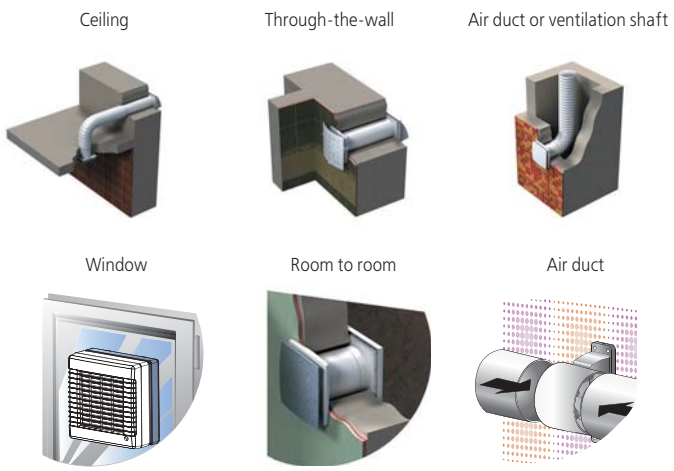
# DOMESTIC FANS



VENTS offers a wide range of domestic fans that combine outstanding performance and reliability with low power consumption and noise levels. These units are the perfect solution for ventilating bathrooms, kitchens, living quarters and other premises of up to 30 m<sup>2</sup>.

VENTS fans are available in manifold modifications with various air capacity, design and functioning.

## ▶ Fan installation example



## ► How to choose the right fan

Effective ventilation depends on fan or ventilation system selection with suitable air capacity that meets your requirements.

Some factors to be considered:

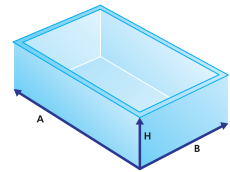
- Ventilated area volume
- Air exchange by the hour

### How to calculate ventilated area volume?

Calculate the total volume of the premise in m<sup>3</sup>. Use a simple formula:

$$\text{Length x Width x Height} = \text{Volume of the premises m}^3$$

$$A \times B \times H = V \text{ (m}^3\text{)}$$



### Air exchange calculation.

Ventilated air amount is calculated on an individual basis for each premise. Measured air exchange is calculated with the formula:

$$L = V * K \text{ (m}^3\text{/h),}$$

where: **V**– ventilated area volume [m<sup>3</sup>/h], **K** – minimum air exchange per hour, see air exchange table.

Example: kitchen with 5 m length, 3 m width and 2.8 m height. Required air volume is 5 x 3 x 2,8 = 42 m<sup>3</sup>. Air exchange rate for kitchen is 6 - 12 times/hour. So, required fan air capacity is: 42 m<sup>3</sup>\*6=252 m<sup>3</sup>/h.

Premise type	Air exchange rate	Fan air capacity [m <sup>3</sup> /h]	Spigot size of the fan [mm]
Bed room	4 - 8	90 - 300	Ø 100, 125, 150
Bathroom	6 - 10	90 - 300	Ø 100 – 125
WC	6 - 8	90 - 190	Ø 100 – 125
Kitchen	6 - 12	100 - 320	Ø 125 – 150
Store room, cellar	6 - 8	90 - 190	Ø 100 – 125

## ► Fans options



### Pull cord switch

Fan is switched on and off by a pull cord. The pull length is adjustable.



### Timer

On power-off the fan continues operating within the time period set by the timer setting from 2 to 30 minutes.



### Humidity sensor

Fan is equipped with an electronic processor with permanent humidity level monitoring function that prevents condensate generation. The fan switches automatically on as the relative humidity in the premise reaches the preset threshold value adjustable from 50 to 90% and continues operating within 2 to 30 minutes according to the timer setting.



### Motion sensor

Fan switches automatically on in case of motion detection in the premises and continues operating within the time period from 2 to 30 minutes according to the timer setting. The motion sensitivity area from 1 to 4 m and the detection angle up to 100°.

## AXIAL FANS RANGE

Model	Options available	Watt	Air capacity [m³/h]	Noise level [dBA]	Overall dimensions [mm] / spigot [mm]	
Axial inline fans, for exhaust or supply ventilation with the capacity up to 305 m³/h.						
	VENTS 100 VKO	–	14	105	37	Ø 104*91 / Ø 100
	VENTS 125 VKO	–	16	185	38	Ø 129*93 / Ø 125
	VENTS 150 VKO	–	24	298	40	Ø 154*108 / Ø 150
	VENTS 100 VKO1	–	14	107	36	Ø 100*85 / Ø 100
	VENTS 125 VKO1	–	16	190	38	Ø 125*90 / Ø 125
	VENTS 150 VKO1	–	30	305	40	Ø 150*100 / Ø 150
	VENTS 100 VKO1k	–	14	107	36	Ø 100*85 / Ø 100
	VENTS 125 VKO1k	–	16	190	38	Ø 125*90 / Ø 125
	VENTS 150 VKO1k	–	30	305	40	Ø 150*100 / Ø 150
Axial fans for exhaust ventilation with the capacity up to 295 m³/h.						
	VENTS 100 M	 *T	14	98	34	159*159*88,5 / Ø 100
	VENTS 125 M	 *T	16	185	35	180*150*94 / Ø 125
	VENTS 150 M	  *TP	24	295	39	206*182*106 / Ø 150
		 *V				
		  *VT				
	  *TH					
Axial fans with automatic louver shutters for exhaust ventilation with the capacity up to 295 m³/h.						
	VENTS 100 M1	 *T	14	98	34	165*165*92 / Ø 100
	VENTS 125 M1	  *TH	16	185	35	190*190*98 / Ø 125
	VENTS 150 M1	 *V	24	295	39	212*212*114 / Ø 150
Axial fans with automatic louver shutters for exhaust ventilation with the capacity up to 295 m³/h.						
	VENTS 100 MA	 *T	14	98	34	165*165*92 / Ø 100
	VENTS 125 MA	 *V	16	185	35	190*190*98 / Ø 125
	VENTS 150 MA	  *TH	24	295	39	212*212*114 / Ø 150

Model	Options available	Watt	Air capacity [m <sup>3</sup> /h]	Noise level [dBA]	Overall dimensions [mm] / spigot [mm]
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Axial fans for exhaust ventilation with the capacity up to 295 m<sup>3</sup>/h.



VENTS 100 X1		14	99	33	152*152*108 / Ø 100
VENTS 125 X1		16	185	34	177*177*114 / Ø 125
VENTS 150 X1		24	295	37	205*205*132 / Ø 150

Axial fans for exhaust ventilation with the capacity up to 292 m<sup>3</sup>/h.



VENTS 100 PF		14	98	34	141*141*104 / Ø 100
VENTS 125 PF		16	185	35	166*166*110 / Ø 125
VENTS 150 PF		24	292	38	188*188*125 / Ø 150

Axial fans for exhaust ventilation with the capacity up to 185 m<sup>3</sup>/h.



VENTS 100 F		14	98	34	182*252*104 / Ø 100
VENTS 125 F		16	185	35	182*252*110 / Ø 125

Axial fans for exhaust ventilation with the capacity up to 292 m<sup>3</sup>/h.



VENTS 100 S	*T	14	95	34	150*150*108 / Ø 100
	*TH				
VENTS 125 S	*V	16	180	35	176*176*114 / Ø 125
	*VT				
VENTS 150 S	*VTH	24	292	38	205*205*132 / Ø 150
	*VTH				

Axial fans for exhaust ventilation with the capacity up to 95 m<sup>3</sup>/h.



VENTS 100 K	-	14	95	34	154*154*100 / Ø 100
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Axial fans for exhaust ventilation with the capacity up to 180 m<sup>3</sup>/h.



VENTS 100 K1	-	14	95	34	154*154*100 / Ø 100
VENTS 125 K1	-	16	180	35	187*187*100 / Ø 125

Axial fans for exhaust ventilation with the capacity up to 102 m<sup>3</sup>/h.



VENTS 100 R	-	12	102		150*150*125 / Ø 100
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# AXIAL FANS RANGE

Model	Options available	Watt	Air capacity [m <sup>3</sup> /h]	Noise level [dBA]	Overall dimensions [mm] / spigot [mm]
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Axial fans for exhaust ventilation with the capacity up to 102 m<sup>3</sup>/h.



VENTS 100 R  
alum. mat

12    102    150\*150\*125 / Ø 100

Axial fans for exhaust ventilation with the capacity up to 292 m<sup>3</sup>/h.

	VENTS 100 D	*T	14	95	34	150*150*108.5 / Ø 100
		*TH				
	VENTS 125 D	*V	16	180	35	176*176*114 / Ø 125
	*VT					
	VENTS 150 D	*VT	24	292	38	205*205*132 / Ø 150
		*VTH				

Axial decorative fans for exhaust ventilation with the capacity up to 258 m<sup>3</sup>/h.



VENTS 100 X



14    89    33    152\*152\*125 / Ø 100



VENTS 125 X



16    164    34    177\*177\*143 / Ø 125



VENTS 150 X



24    258    37    205\*205\*160 / Ø 150

Axial decorative fans for exhaust ventilation with the capacity up to 265 m<sup>3</sup>/h.

	VENTS 100 LD	*T	14	88	33	152*152*126 / Ø 100
		*TH				
	VENTS 125 LD	*V	16	167	34	177*177*135 / Ø 125
	*VT					
	VENTS 150 LD	*VT	24	265	37	206*206*154 / Ø 150
		*VTH				

Model	Options available	Watt	Air capacity [m³/h]	Noise level [dBA]	Overall dimensions [mm] / spigot [mm]
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Axial decorative fans for exhaust ventilation with the capacity up to 265 m³/h.



VENTS 100 LDA	*T	14	88	33	152*152*126 / Ø 100
VENTS 125 LDA	*TH	16	167	34	177*177*135 / Ø 125
	*V				
VENTS 150 LDA	*VT	24	265	37	206*206*154 / Ø 150
	*VTH				

Centrifugal fans for exhaust ventilation with the capacity up to 98 m³/h.



VENTS CF 100	*T	16	98	36	180*195*132 / Ø 100
	*TH				
	*V				
	*VT				
	*VTH				
	*TP				

Axial fans for exhaust ventilation with a built-in clock and capacity up to 88 m³/h.









VENTS 100 LD Fresh time	*T	14	88	33	152*152*135 / Ø 100
	*TH				
	*V				
	*VT				
	*VTH				

# AXIAL FANS RANGE

Model	Options available	Watt	Air capacity [m <sup>3</sup> /h]	Noise level [dBA]	Overall dimensions [mm] / spigot [mm]
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Axial fans for exhaust ventilation with the capacity up to 88 m<sup>3</sup>/h.

	VENTS 100 Modern 1 black	 *T	14	88	33	170*170*130 / Ø 100
		  *TH				
		 *V				
		  *VT				
		   *VTH				

Axial design fans for exhaust ventilation with the capacity up to 105 m<sup>3</sup>/h.

	VENTS 100 Z		14	105	37	181*181*143 / Ø 100
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Axial design fans for exhaust ventilation with the capacity up to 105 m<sup>3</sup>/h.

	VENTS 100 Vitro		14	105	37	183*183*145 / Ø 100
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Ultra silent and energy saving axial fans for exhaust ventilation with the capacity up to 97 m<sup>3</sup>/h.

	VENTS QUIET 100	 *T	7.5	97	25	158*158*106.8 / Ø 100
		  *TH				
		 *V				
		  *VT				
		   *VTH				
		  *TP				



Model	Watt	Air capacity [m <sup>3</sup> /h]	Noise level [dBA]	Overall dimensions [mm] / spigot [mm]
Intelligent axial fans for exhaust ventilation with the capacity up to 133 m <sup>3</sup> /h.				



I-FAN MOVE 100

12

133

22

152\*206\*29  
/ Ø 100 (/ Ø 125)

### ► Options description

#### **HUMIDITY MODE / Humidity control adjustment**

SILENT mode - low-noise operation with maximum air flow up to 83/72\* m<sup>3</sup>/h.

MAX mode - quick humidity extraction with maximum air flow up to 133/106\* m<sup>3</sup>/h.

#### **TIMER / Fan switch delay time control / runout time control**

- runout time of the fan from 5 to 30 minutes after activation of motion sensor or external switch;
- adjust the fan humidity extraction time for full humidity extraction from 30 to 60 minutes (applicable for HUMIDITY MODE);
- adjust the fan switch delay time from 0 to 5 minutes after actuation of the humidity sensor, motion sensor or external switch.

#### **SPEED / Fan speed adjustment**

- for SILENT mode from 40/33 up to 83/72 m<sup>3</sup>/h\*;
- for MAX mode from 83/72 up to 133/106 m<sup>3</sup>/h\*.

#### **ON / OFF MOVE / Motion sensor**

The button ON / OFF MOVE is used to turn the motion sensor on/off. After the motion sensor activation the fan starts operation in set mode.

#### **24 HOURS / Non-stop ventilation**

This button turns on non-stop ventilation mode at minimum speed 40/33\* m<sup>3</sup>/h until the humidity sensor, motion sensor or external switch is actuated.

#### **Automatic interval ventilation**

The fan turns on every 15 hours and runs at 83/72 m<sup>3</sup>/h\* for 2 hours. If the humidity sensor, motion sensor or external switch is activated during interval ventilation mode, the fan switches to the respective operation mode according to the activated sensor.

\* The fan air capacity may vary depending on the adapter diameter.

Sometimes it is demanded to install more powerful ventilation to provide excellent air exchange. Commercial VENTS fans perfectly suit to any kind of ventilation. Wide range of fans, versatile application, variety will make it possible to arrange extensive and efficient ventilation.

## ▶ Axial fans



Combined supply and extract ventilation systems for various premises where high air capacity at relatively low system resistance is required. Fans can be used for the direct exhaust of air and can be mounted onto the external walls.



## ▶ In-line axial fans



Combined supply and extract ventilation systems for various premises where high air capacity at relatively low system resistance is required. Fans can be used for the direct exhaust of air and is installed into the duct by means of clamps or directly inside the wall.



## ▶ Centrifugal fans



Fans are applied for supply and exhaust ventilation systems of commercial, office and other premises. VK series fans (corrosion-resistant durable plastic casing) are the perfect solution for the installation in exhaust ventilation systems in humid premises such as bathrooms, kitchens etc. VKM & VKMz series fans provide reliable operation in case of outdoor installation due to steel casing.



## ▶ Mixed flow fans



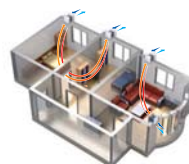
VENTS TT series full-featured fans combine manifold possibilities and high features of axial and centrifugal fans and applied for supply and exhaust ventilation systems that require high pressure, powerful airflow and low noise level. Fans of TT series are the best solution for air exhaust systems of premises with high humidity such as bathrooms or kitchens as well as for ventilation of flats, cottages, shops, cafes, workshops etc.



## ▶ Single room heat recovery ventilators



The single room ventilators are the best cost-saving solution for creating of energy saving ventilation of separate rooms in apartments, cottages, social and commercial premises.



Model	Watt	Air capacity [m <sup>3</sup> /h]	Noise level [dBA]	Overall dimensions [mm] / spigot [mm]	
In-line centrifugal fans in plastic casing with the air capacity up to 460 m <sup>3</sup> /h					
	VENTS VK 100	80	250	46	270*270*230/Ø 100
	VENTS VK 125	79	355	46	270*270*220/Ø125
	VENTS VK 150	80	460	46	310*310*286/Ø150
In-line centrifugal fans in steel casing with the air capacity up to 555 m <sup>3</sup> /h					
	VENTS VKM 100	73	270	47	254*254*205/Ø 100
	VENTS VKM 125	75	355	47	254*254*205/Ø125
	VENTS VKM 150	98	555	47	304*304*220/Ø150
In-line centrifugal fans in galvanized casing with the air capacity up to 455 m <sup>3</sup> /h					
	VENTS VKMz 100	72	250	46	237*237*202/Ø 100
	VENTS VKMz 125	78	330	46	237*237*202/Ø125
	VENTS VKMz 150	75	455	46	278*278*200/Ø150
Low pressure axial fans in the steel casing with the air capacity up to 2230 m <sup>3</sup> /h for wall mounting					
	VENTS OV 2E 200	55	860	50	312*312*145
	VENTS OV 2E 250	80	1050	60	370*370*155
	VENTS OV 2E 300	145	2230	60	430*430*195
Low pressure axial fans in the steel casing with the air capacity up to 2230 m <sup>3</sup> /h for wall mounting.					
	VENTS OVK 2E 200	55	860	50	280*280*145
	VENTS OVK 2E 250	80	1050	60	320*320*155
	VENTS OVK 2E 300	145	2230	60	397*397*195
Low pressure axial fans in the steel casing with the air capacity up to 200 m <sup>3</sup> /h for wall mounting					
	VENTS OV1 150	36	200	33	250*250*120
Low pressure axial fans in the steel casing with the air capacity up to 200 m <sup>3</sup> /h for wall mounting					
	VENTS OVK1 150	36	200	33	220*220*120
Low pressure axial fans in the steel casing with the air capacity up to 1070 m <sup>3</sup> /h for mounting into the vent duct					
	VENTS VKOM 200	43	405	32	208*208*220/Ø200
	VENTS VKOM 250	68	1070	48	262*262*270/Ø250
In-line mixed-flow fans in plastic casing with the air capacity up to 552 m <sup>3</sup> /h					
	VENTS TT 100	21/33	145/187	28/35	167*190*246/Ø100
	VENTS TT 125	23/37	220/280	29/36	167*190*246/Ø125
	VENTS TT 150	30/60	467/552	33/44	195*250*295/Ø150





# SINGLE ROOM HEAT RECOVERY VENTILATORS

The single room air handling units with heat recovery are applicable at any project stage and suitable for installation in any room where installation of centralized ventilation devices is unfeasible:

- complex ventilation system for brand new construction;
- reconstruction of existing buildings and premises;
- ordinary scheduled repair in ready-made premises.

EFFICIENT, RELIABLE, ENERGY SAVING SINGLE ROOM AIR HANDLING UNIT WITH HEAT RECOVERY OPERATES TO:  
SUPPLY CLEAN FRESH AIR TO THE PREMISES

- REMOVE STALE EXTRACT AIR FROM THE PREMISE
- CLEAN AIR FROM DUST, INSECTS, EXHAUST GASES, POLLEN AND OTHER ALLERGENS AND POLLUTANTS
- PREVENT PENETRATION OF EXCESSIVE HUMIDITY AND APPEARANCE OF MOULD
- PROVIDE SILENT OPERATION
- REGENERATE HEAT
- REDUCE THE HEATING COSTS IN WINTER AND AIR CONDITIONING COSTS IN SUMMER
- REQUIRE LOW ENERGY DEMAND
- ENSURE CONTINUOUS OPERATION MODE

Model	Description	Watt	Air capacity [m <sup>3</sup> /h]	Noise level [dBA]	Overall dimensions [mm] / spigot [mm]
 <p>VENTS MICRA 60</p>	<p>Plate counter flow aluminium heat exchanger with recuperating efficiency up to 78%;</p> <p>EC fans with low energy demand and electrical safe voltage 12 V;</p> <p>Integrated automatics with three operation modes;</p> <p>Air cleaning with two G4 built-in filters;</p> <p>Pulsar unit for wide range of power supply voltage 100-240 V and frequency 50-60 Hz.</p>	4.2	30	22	393*526*121
 <p>VENTS Twin-Fresh SA-60</p>	<p>High-tech ceramic energy accumulator with regenerating efficiency up to 91%;</p> <p>Reverse EC ventilator with low energy demand up to 3 W and safe voltage 12 V;</p>	2.4	35	22	274*274*475
 <p>VENTS Twin-Fresh RA-50</p>	<p>Integrated automation with four operating patterns;</p> <p>Easy installation due to telescopic duct;</p> <p>Air purification with two built-in G3 filters</p>	1.4	25	22	212*212*470
 <p>Heat Mover (100 S silent + MV100V+10014+ RT-10)</p>	<p>Transport warm or cool air from one room to another using passive heating/cooling technology;</p> <p>Is mounted directly inside the wall with an adjustable telescope;</p> <p>Supplied with temperature controller.</p>	5.6	78	26	154*154*380

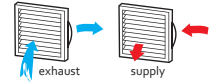
► Ventilation grilles types

It is very important to have air circulation for comfort microclimate. Any kind of ventilation system must have incoming and extract ventilation providing a air balance in the premise. Ventilation grilles installed in bathroom doors as well as through-the-wall and window vents are the natural sources of air intake that can be a compensation of extracted air.



**Grilles for exhaust and intake ventilation**

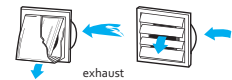
Special construction of the grilles allows them to use both for extract or intake ventilation. Supplied with antimosquito screen.



**Grilles for exhaust ventilation**

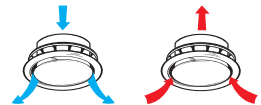
Used as an end part of ventilation system in combination with round or flat ducting or for direct through-the-wall air extract.

Grilles are applied for installation on outside walls of basements, dwelling, kitchens etc.



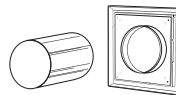
**Valves and diffusers**

Used as air distribution element of ceiling mounted ventilation. Provides smooth air flow and arrange correct air circulation in premises. Connected to the round ducts.

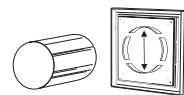


► Grilles connection options

Grilles with round flange of definite size can be directly connected with air ducts of respective size.

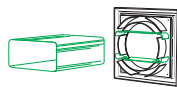


Ø 100 or Ø 125 mm



Ø 100 - 150 mm

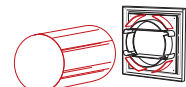
Grilles with round flange of definite size can be directly connected with air ducts of respective size. Grilles with sliding flange suit for connection to air ducts from 100 mm up to 150 mm diameter.



55 x 100 mm



Ø 100 mm



125 mm

► Application samples



Bathroom / exhaust grille



Bathroom / door intake grille



Office / diffusers



House / ventilation kit



House exhaust outside grill



Shower / disc valve (diffuser)



## Application

- Decoration of supply and exhaust vents of public, residential and industrial ventilation systems.
- Used for correct air flow distribution in premises.
- Wall or ceiling mounting.

## Design

- Made of quality and durable plastic.
- Multi-element structure. The internal part is fixed to the base with latches for easy cleaning without dismantling.
- Screw fixing.
- The grille has slanted vanes.

## Colour modifications



Model		Art.	Description/ material	Overall dimensions H*L [mm]	Flansh [mm]
Front view	Back side				
		MV 100 s MV 120 s MV 160 s MV 170 s MV 250 s	basic model	154*154 186*186 299*221 221*299 250*250	-
		MV 100 Rs MV 120 Rs MV 170 Rs MV 250 Rs	model with air flow regulator	154*154 186*186 221*299 250*250	- - - -
		MV 100 Vs MV 120 Vs MV 250/150 V MV 250/200 V	model with a round flange	154*154 186*186 250*250 250*250	Ø 100 Ø 150 Ø 200
		MV 160 VDs MV 170 VDs MV 250 VDs	model with a round flange	299*221 221*299 250*250	Ø 100-150 Ø 100-150 Ø 100-150
		MV 100 VRs MV 120 VRs MV 250/150 VRs MV 250/200 VRs MV 170 VDRs MV 250 VDRs	model with a round flange and air flow regulator	154*154 186*186 250*250 250*250 221*299 250*250	Ø 100 Ø 125 Ø 150 Ø 200 Ø 100-150 Ø 100-150

Model		Art.	Description/ material	Overall dimensions H*L [mm]	Flansh [mm]
Front view	Back side				
		MV 100 VUs	model with a multi-section flange	154*154	Ø 100-125-55*110
		MV 100 VURs	model with a multi-section flange and air flow regulator	154*154	Ø 100-125-55*110
		MV 120 VNs	model with a flange with various diameters	186*186	Ø 100 / 110 / 120 / 130 / 150
		MV 120 VNRs	model with a flange with various diameters and air flow regulator	186*186	Ø 100 / 110 / 120 / 130 / 150
		MV 101 s	basic modification	154*154	Ø 100
		MV 121 s		186*186	Ø 125
		MV 101 Rs	model with an air flow regulator	154*154	Ø 100
		MV 121 Rs		186*186	Ø 125
		MV 101 Vs	model with a round flange	154*154	Ø 100
		MV 121 Vs		186*186	Ø 125
		MV 101 VRs	model with a round flange and air flow regulator	154*154	Ø 100
		MV 121 VRs		186*186	Ø 125
		MV 101 VU	model with a multi-section flange	154*154	Ø 100-125-55*110

# VENTILATION GRILLES

Model		Art.	Description/ material	Overall dimensions H*L [mm]	Flansh [mm]
Front view	Back side				
		MV 101 VUR	model with a multi-section flange and air flow regulator	154*154	Ø 100-125-55*110
		MV 121 VN	model with a flange with various diameters	186*186	Ø 100 / 110 / 120 / 130 / 150
		MV 121 VNR	model with a flange with various diameters and air flow regulator	186*186	Ø 100 / 110 / 120 / 130 / 150
					
		MV 125s	basic modification	251*182	-
		MV 150	basic modification	204*179	-
		MV 125 VD	model with four-element connecting flange	251*182	Ø 100-150
		MV 150 VD	model with four-element connecting flange	204*179	Ø 100-150
		MV 126s	basic modification	251*182	-
		MV 126 VD	model with four-element connecting flange	251*182	Ø 100-150



Model			Description/ material	Overall dimensions H*L [mm]	Flansh [mm]
Front view	Back side	Art.			
		MV 150x150	single-element model	150*150	-
		MV 175x175		175*175	-
		MV 205x205		205*205	-
		MV 250x250		250*250	-
		MV 300x300		300*300	-
		MV 350x350		350*350	-
		MV 215x175		215*175	-
		MV 250x180		250*180	-
		MV 295x160		295*160	-
		MV 300x205		300*205	-
		MV 125-1	single-element model	238*170	-
		MV 150-1		192* 192	-
		MV 126-1	single-element model	238*170	-



**Application**

- Decoration of supply and exhaust vents of public, residential and industrial ventilation systems.
- External wall mounting.

**Design**

- Made of quality and durable plastic.
- Designed for mounting with rigid air ducts.

- Extra ventilation grille is provided to arrange natural ventilation in premises with a gas stove.

- Equipped with deviators for back air flow prevention through the bottom ventilation grille.

- Screw fixing.

- The grille has a removable bottom part for easy cleaning.

Model			Description/ material	Overall dimensions H*L [mm]	Flansh [mm]
Front view	Back side	Art.			
		MV 100 Ks	Basic model	252*182	Ø 100
		MV 125 Ks		252*182	Ø 125



## Application

- Decoration of supply and exhaust vents of public, residential and industrial ventilation systems.
- Wall or ceiling mounting.
- Suitable for installation in furniture, bathroom and kitchen door leaves, etc.

## Design

- Made of quality and durable plastic.
- Fixed with mounting ribs or glue.

## Colour modifications



Model		Art.	Description/ material	Overall dimensions H*L [mm]	Flansh [mm]
Front view	Back side				
		MV 80bV	model with a round flange	Ø 100*19	Ø 80
		MV 80bVs	model with a round flange and with a protecting insect screen / plastic	Ø 100*19	Ø 80
		MV 100bV	model with a round flange/ plastic	Ø 128*29	Ø 100
		MV 125bV		Ø 160*29	Ø 125
		MV 150bV		Ø 200*29	Ø 150
		MV 100bVs	model with a round flange and with a protecting insect screen/ plastic	Ø 128*29	Ø 100
		MV 125bVs		Ø 160*29	Ø 125
		MV 150bVs		Ø 200*29	Ø 150
		MV 100 bVR	models with a round flange and air flow regulator/ plastic	Ø 128*29	Ø 100
		MV 125 bVR		Ø 160*29	Ø 125
		MV 150 bVR		Ø 200*19	Ø 150
		MV 125bVRD	models with air flow regulator and four-element connecting flange/ plastic	Ø 160*29	Ø 125
		MV 150bVRD		Ø 200*19	Ø 150
		MVM 100 bV N	models with a round flange / stainless steel	Ø 150*20	Ø 100
		MVM 125 bV N		Ø 190*20	Ø 125
		MVM 150 bV N		Ø 210*20	Ø 150



**Application**

- Suitable for installation in furniture, bathroom and kitchen door leaves, etc.
- Used to arrange correct air circulation in premises.

**Design**

- Made of quality and durable plastic.
- Fixed with mounting ribs or glue.

**Colour modifications**



Model		Art.	Description/ material	Overall dimensions H*L [mm]	Flansh [mm]
Front view	Back side				
		MV 50/2 bV ABS	model with a round flange / plastic	Ø 59*16.5	Ø 47
		MV 51/2 bV, ABS	model with a round flange / plastic	Ø 59*16	Ø 47
		MV 52/2 bV, ABS	round model with a flange / plastic	Ø 100*19	Ø 47

## DOOR GRILLES



### Application

- Mounting in door leaves of bathrooms, kitchens, etc.
- Used to arrange correct air circulation in premises.




### Design

- The grille consists of two parts.

### Colour modifications



- Made of high quality plastic.
- Available in various colour modifications.
- Fixing with screws directly to a door leaf.
- Modifications with an insect screen or a movable flap for air flow regulation are available.

Model		Description/ material	Overall dimensions H*L [mm]	Flansh [mm]
Front view	Art.			
	MV 430/2	Mounting in door leaves of bathrooms, kitchens, etc. / plastic	91*453	72*432.5
	MV 450/2	Mounting in door leaves of bathrooms, kitchens, etc. / plastic	124*462	92.5*430.5
	MVMA 480*80 anod	Mounting in door leaves of bathrooms, kitchens, etc. / anodized aluminium	480*80	66*440
	MVMA 480*100 anod		480*100	86*440
	MVMA 400*60 Anod		400*60	46*372
	MVMA 500*60 Anod		500*60	46*472
	MVMA 600*60 Anod		600*60	46*572
	MVMA 400*80 anod		400*80	66*372
	MVMA 500*80 anod		500*80	66*472
	MVMA 600*80 anod		600*80	66*572
	MVMA 400*100 anod		400*100	86*372
	MVMA 500*100 anod		500*100	86*472
MVMA 600*100 anod	600*100	86*572		



### Application

- Decoration of supply and exhaust vents of public, residential and industrial ventilation systems.
- External wall mounting.

### Design

- Made of quality and durable plastic.
- Two-element structure for easy maintenance.
- Screw fixing.
- Equipped with a protecting grille against birds and rodents.

### Colour modifications



Model		Art.	Description/ material	Overall dimensions H*L [mm]	Flansh [mm]
Front view	Back side				
		MV 102	basic modification	154*154*87	-
		MV 122		186*186*101	-
		MV 102K	models with a backdraft damper	154*154*87	-
		MV 122K		186*186*101	-
		MV 102 V	models with a round flange	154*154*117	Ø 100
		MV 122 V		186*186*131	Ø 125
		MV 102 VK	models with a round flange and a backdraft damper	154*154*117	Ø 100
		MV 122 VK		186*186*131	Ø 125
		MV 102 VU	model with a multi-section flange	154*154*117	Ø 100-125-55*110
		MV 102 VU K	model with a multi-section flange and a backdraft damper	154*154*131	Ø 100-125-55*110
		MV 122 VN	model with a flange with various diameters	186*186*201	Ø 100 / 110 / 120 / 130 / 150
		MV 122 VNK	model with a flange with various diameters and a back-draft damper		
		MVM 102 bVs N	model with a round flange / stainless steel	150*150*120	Ø 100
		MVM 122 bVs N		180*180*120	Ø 125
		MVM 152 bVs N		180*180*120	Ø 150

# EXHAUST VENTILATION GRILLES



## Application

- Decoration of supply and exhaust vents of public, residential and industrial ventilation systems.
- External wall mounting.

## Design

- Made of quality and durable plastic.
- Multi-element structure.
- Fitted with louvre shutters for back flow prevention.
- Screw fixing.

## Colour modifications



Model		Art.	Description/ material	Overall dimensions H*L [mm]	Flansh [mm]
Front view	Back side				
		MV 100 J	basic model / plastic	154*154*15	-
		MV 120 J		186*186*15	-
		MV 160 J		299*221*15	-
		MV 250 J		250*250*15	-
		MV 100 VJ	model with a round flange / plastic	154*154*45	Ø 100
		MV 120 VJ		186*186*45	Ø 125
		MV 250/150 VJ		250*250*41	Ø 150
		MV 250/200 VJ		250*250*41	Ø 200
		MV 250 VJD	model with four-ele- ment flange / plastic	250*250*41	Ø 100-150
		MV 100 VUJ	model with a multi- section flange / plastic	154*154*45	Ø 100-125 / 55*110
		MV 120 VNJ	model with a flange with various diameters / plastic	186*186*115	Ø 100 / 110 / 120 / 130 / 150
		MVM 100 VJ N	model with a round flange / stainless steel	150*150*45	Ø 100
		MVM 125 VJ N		180*180*45	Ø 125
		MVM 150 VJ N		180*180*45	Ø 150



**Application**

- Decoration of exhaust vents of public, residential and industrial ventilation systems.
- For supply ventilation and air conditioning.
- Used for correct air flow distribution in premises.
- Internal or external wall and ceiling mounting.

**Design**

- Made of steel, galvanized steel or aluminium and are suitable for colourful polymer painting.
- Screw fixing.
- Quality materials and zinc-phosphate treatment ensure coating integrity and provide reliable corrosion protection.
- Modifications with a protecting insect screen are available.

Model		Description/ material	Overall dimensions H*L [mm]	Flansh [mm]
Front view	Art.			
	MVM 125s Zn	galvanized steel	125*125	111*111
	MVM 150s Zn		150*150	136*136
	MVM 200s Zn		200*200	182*182
	MVM 250s Zn		250*250	234*234
	MVM 300s Zn		300*300	284*284
	MVM 125s A white	white painted aluminium	125*125	111*111
	MVM 150s A white		150*150	136*136
	MVM 200s A white		200*200	182*182
	MVM 250s A white		250*250	234*234
	MVM 300s A white		300*300	284*284
	MVMPO 245*195s A white	white painted aluminium	245*195	231*181
	MVMPO 150*215s A white		150*215	136*201
	MVMPO 300/2 s A white		300*300	286*286
	MVMP 70 A white	white painted aluminium	70*70	-
	MVMP 70 A gold	gold painted aluminium	70*70	-
	MVMP 70 A copper	copper painted aluminium	70*70	-

# CEILING DIFFUSERS



### Application



- For supply ventilation, air conditioning and heating.
- Designed for wall mounting or installation into false ceiling.
- Used to arrange correct air circulation in premises.

### Design

- Made of high quality plastic (ABS

plastic or polystyrene).

- Special aerodynamic disk valve design ensures uniform air distribution.
- Easy mounting with a mounting flange and a lock ring.
- The internal part has a sealing ring for more tight fit.
- Models with a built-in insect screen.

Model		Art.	Description/ material	Overall dimensions H*L [mm]	Flansh [mm]
Front view	Back side				
		MV 100 PF	Equipped with mounting flanges with a lock ring/plastic	141	Ø 100
		MV 125 PF		166	Ø 125
		MV 150 PF		188	Ø 150









### Application








- For supply and exhaust ventilation, air conditioning and heating.
- Mounting in false ceilings or walls.
- Used to arrange correct air circulation in premises.

### Design

- Made of high quality plastic (ABS plastic or polystyrene).
- Special aerodynamic disk valve design ensures uniform air distribution.
- Smooth air pass regulation due to rotation of central part of the damper.
- Easy mounting with fixing lugs.
- The internal part has a sealing ring for more tight fit.

Model		Art.	Description/ material	Overall dimensions H*L [mm]	Flansh [mm]
Front view	Back side				
		A 80 VR, ABS	Equipped with fixing lugs / plastic	132	Ø 80
		A 100 VRF, ABS	Equipped with mounting flanges with a lock ring / plastic	148	Ø 100
		A 125 VRF, ABS		166	Ø 125
		A 150 VRF, ABS		200	Ø 150
		AM 100 VRF	Equipped with a mounting flange / white polymer-coated steel	128	Ø 100
		AM 125 VRF		154	Ø 125
		AM 150 VRF		184	Ø 150

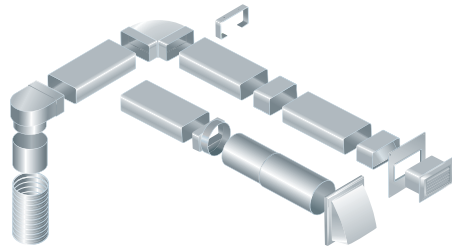


Model	Description	Overall dimensions [mm] / spigot [mm]
 <p>NV 100-0012 (MV 100 Vs+10035)</p>	<p>Ventilation kit with grille and telescopic duct</p>	<p>Grille (154x154 / Ø 100 mm) Teleskope (300-350 mm / Ø 100 mm)</p>
 <p>NV 100-0011 (MV 100 VJ+10035)</p>	<p>Ventilation kit with gravity grille and telescopic duct</p>	<p>Gravity grille (154x154 / Ø 100 mm) Teleskope (300-350 mm / Ø 100 mm)</p>
 <p>NV 100/0,035VRs/ bVs (MV 100 bVs+ MV 100 VRs +10035)</p>	<p>Ventilation kit with round external grille, adjustable internal grille and telescopic duct</p>	<p>Round grille ( Ø 128 / Ø 100 mm) Internal grille (154x154 / Ø 100 mm) Teleskope (300-350 mm / Ø 100 mm)</p>
 <p>PS 101</p>	<p>Wall vent with adjustable internal grille and telescopic duct</p>	<p>Internal grille (163*171*20) External grille (154*154*45) Teleskope (300-350 mm / Ø 100 mm)</p>
 <p>PS 102</p>	<p>Wall vent with adjustable internal grille, external cowl and telescopic duct</p>	<p>Internal grille (163*171*20) External grille (154*154*117) Teleskope (300-350 mm / Ø 100 mm)</p>
 <p>PSS 102</p>	<p>Solar wall vent with adjustable internal grille, external cowl and telescopic duct</p>	<p>Internal grille (163*171*20) External grille (154*154*117) Teleskope (300-350 mm / Ø 100 mm)</p>
 <p>PO 400</p>	<p>Window vent</p>	<p>400*40</p>

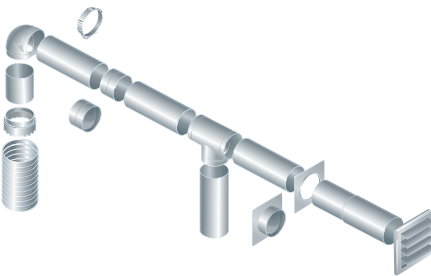
«VENTS» air duct system is the ideal solution for arrangement of ventilation systems in small and medium-sized residential, office and commercial premises as well for connection of cooker hoods, exhaust hoods, cowls and other exhaust equipment. It includes rectangular 55x110, 60x120, 60x204 mm air ducts, round 100, 125, 150, 200 mm air ducts and a great variety of fittings such as bends, reducers, connectors, etc.

## Basic advantages

- A great variety of fittings designed for assembly of complex ductworks with any geometry based exclusively on «VENTS» system components.
- Smooth inner duct surface provides low air resistance.
- Corrosion resistant properties ensure long service life.
- Low weight.
- Ventilation system based on «VENTS» air ducts produces lower noise level as compared to other systems with corrugated or steel air ducts.
- Low thermal conductivity
- Environmentally friendly plastic used for manufacture of "Plastivent" system does not sustain combustion.



Flat duct system



Round duct system

- Extremely easy mounting due to no complicated assembly operations and special tools.
- Small overall dimensions of the rectangular components allow using the system in limited area above false ceilings.
- Aesthetic view makes the system suitable for mounting in ready-made premises.

## Range and sizes

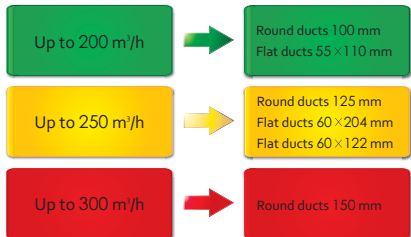
High quality plastic ductings



Flexible polymer ductings



Semi-flexible aluminum ductings



## ► Fittings

To connect round ducts use connectors and reducers of respective size - T-joint, connectors, elbows, bends etc.



round bend



T-joint



flat-to round bend



reducer

To connect one size flat ducts just use connectors of respective size - T-joint, connectors, elbows, bends, etc.

To connect flat and round ducts (through round connector) use flat-to-round connectors (bends) of respective size.



flat bend



T-joint



flat-to round connector

## ► Application examples



Model		Description / material	Cross section [mm]	Length	Overall dimensions H*L [mm]
Image	Art.				
	1005	Round duct / plastic	Ø 100	0.5 m	Ø 100
	1010		Ø 100	1.0 m	Ø 100
	1805	Round telescopic duct / plastic	Ø 100	0.3-0.5 m	Ø 103
	Polyvent 605M0/102/1	Flexible air duct aluminium foil laminated with polyester	Ø 100	1 m	Ø 102
	Polyvent 605M0/102/2,5		Ø 100	2.5 m	Ø 102
	Polyvent 660/102/1	Flexible PVC air duct with wire frame	Ø 100	1 m	Ø 102
	Polyvent 660/102/2,5		Ø 100	2.5 m	Ø 102
	Polyvent 660/102/3		Ø 100	3.0 m	Ø 102
	ALUVENT M 100/1	Flexible spiral seam aluminium band air ducts / thickness 0.05 mm	Ø 100	1 m	Ø 102
	ALUVENT M 100/2,5		Ø 100	2.5 m	Ø 102
	ALUVENT M 100/3		Ø 100	3.0 m	Ø 102
	ALUVENT N 100/1		Ø 100	1 m	Ø 102
	ALUVENT N 100/2,5		Ø 100	2.5 m	Ø 102
	ALUVENT N 100/3		Ø 100	3.0 m	Ø 102
	ALUVENT S 100/1		Ø 100	1 m	Ø 102
	ALUVENT S 100/2,5		Ø 100	2.5 m	Ø 102
	ALUVENT S 100/3		Ø 100	3.0 m	Ø 102
	ALUVENT S 100/3		Flexible spiral seam aluminium band air ducts / thickness 0.1 mm	Ø 100	2.5 m
ALUVENT S 100/3		Ø 100	3.0 m	Ø 102	

Model		Description / material	Cross section [mm]	Length	Overall dimensions H*L [mm]
Image	Art.				
	1113	Round flexible duct connector / plastic	Ø 100		103*60
	111	Round duct connector / plastic	Ø 100		100*62
	1111	Connector with backdraft damper / plastic	Ø 100		100*62
	121	90° bend / plastic	Ø 100		137*137*103
	131	T-joint / plastic	Ø 100		173*139
	15	Wall plate / plastic	Ø 100		150*150
	151	Connector with wall plate / plastic	Ø 100		150*150
	1511	Connector with backdraft damper and wall plate / plastic	Ø 100		
	110	Round duct reducer / plastic	Ø 100 / Ø 80		60*103
	211		Ø 125 / Ø 100		60*129
	310	Round step reducer / plastic	Ø 80 / Ø 100 / Ø 120 / Ø 125 / Ø 150		125*150

Model		Description / material	Cross section [mm]	Length	Overall dimensions H*L [mm]
Image	Art.				
	1214R	Flexible duct connector/right thread (R) / plastic	Ø 100		60*110
	1215R	Flexible duct connector/right thread (R) / plastic	Ø 103		60*110
	16	Round duct holder / plastic	Ø 100		20*103
	FM 100 Zn	Flange for connection of flexible or plastic air ducts / galvanized steel	Ø 100		62*136
	F 100	Flange for connection of flexible or plastic air ducts / plastic	Ø 100		62*139
	PM 100	Reducer for connection of flexible air ducts / galvanized steel	Ø 100		62*100
	C 100 Zn	Clamps for quick fittings connection / galvanized steel	Ø 90-100		9*110
	CB 60-110	Quick-release clamps equipped with a stainless steel swing screw / stainless steel	Ø 60-110		9*110
	5005	Flat duct / plastic	55*110	0.5 m	55*110
	5010		55*110	1.0 m	55*110
	7005		60*122	0.5 m	60x122
	7010		60*122	1.0 m	60x122
	515	Connector / plastic	55*110		59*114*66
	717		60*122		63*125*69

Model		Description / material	Cross section [mm]	Length	Overall dimensions H*L [mm]
Image	Art.				
	5151	Connector with damper / plastic	55*110		59*114*66
	7171		60*122		63*125*69
	5153	Flexible connector / plastic	55*110		55*110*60
	7173		60*122		60*122*60
	5252	Vertical 90° bend / plastic	55*110		59*114*89
	7272		60*122		63*125*93
	5251	Horizontal 90° bend / plastic	55*110		143*143*59
	7271		60*122		155*155*63
	55	Wall plate / plastic	55*110		154*154
	75		60*122		154*154
	518	Flat ducts reducer / plastic	55*110 / 60*204		64*208*60
	571	End grille / plastic	55*110		88*137*73
	572		55*110		88*137*73
	115	Flat-to-round connector (direct connection to flat and round ducts) / plastic	Ø 100 / 55*110		114*62
	1156	Flat-to-round connector (direct connection to flat and through connector to round ducts) / plastic	Ø 100 / 55*110		114*62
	521	90° connecting bend for flat and round ducts / plastic	Ø 100 / 55*110		138*110*87
	721		Ø 100 / 60x122		140*123*87

Model		Description / material	Cross section [mm]	Length	Overall dimensions H*L [mm]
Image	Art.				
	531	T-joint for flat and round ducts / plastic	Ø 100 / 55*110		172*113* 87
	52510	versatile flat angular connector / plastic	55*110		190*143*114
	535	T-joint / plastic	55*110		144*174*59
	737		60*122		155*185*63
	56	flat duct holder / plastic	55*110		114*59*74
	76		60*122		126*64*86
	511	round to flat connector / plastic	Ø 100 / 55*110		137*103* 113
	711		Ø 100 / 60x122		137*103* 124
	ALT 0,50/10	aluminium adhesive tape			50 mm*10 m
	PVT 0,50/10	adhesive PVC tape			50 mm*10 m
	KOM 100	backdraft spring-loaded damper for automatic shutoff of the round ducts and preventing back draft of air / galvanized steel	Ø 100		80*99



Model		Description/ material	Cross section [mm]	Length	Overall dimensions H*L [mm]
Image	Art.				
	2005	Round duct / plastic	Ø 125	0.5 m	Ø 128*500
	2010	Round duct / plastic	Ø 125	1.0 m	Ø 128*1000
	2805	Round telescopic duct / plastic	Ø 125	0.3-0.5 m	Ø 128*350
	Polyvent 605M0/127/1	Flexible air duct aluminium foil laminated with polyester	Ø 125		Ø 127*1000
	Polyvent 605M0/127/2,5		Ø 125		Ø 127*2500
	Polyvent 660/127/1	Flexible PVC air duct with wire frame	Ø 125	1 m	Ø 127*1000
	Polyvent 660/127/2,5		Ø 125	2.5 m	Ø 127*2500
	Polyvent 660/127/3		Ø 125	3.0 m	Ø 127*3000
	ALUVENT M 125/1		Ø 125	1 m	Ø 127*1000
	ALUVENT M 125/2,5	Flexible spiral seam aluminium band air ducts / thickness 0.05 mm	Ø 125	2.5 m	Ø 127*2500
	ALUVENT M 125/3		Ø 125	3.0 m	Ø 127*3000
	ALUVENT N 125/1		Ø 125	1 m	Ø 127*1000
	ALUVENT N 125/2,5	Flexible spiral seam aluminium band air ducts / thickness 0.08 mm	Ø 125	2.5 m	Ø 127*2500
	ALUVENT N 125/3		Ø 125	3.0 m	Ø 127*3000
	ALUVENT S 125/1		Ø 125	1 m	Ø 127*1000
	ALUVENT S 125/3	Flexible spiral seam aluminium band air ducts / thickness 0.1 mm	Ø 125	3.0 m	Ø 127*3000
	2123	Round flexible duct connector / plastic	Ø 125		128*60

Model		Description/ material	Cross section [mm]	Length	Overall dimen- sions H*L [mm]
Image	Art.				
	212	Connector / plastic	Ø 125		125*62
	2121	Connector with back-draft damper / plastic	Ø 125		125*62
	222	90° bend / plastic	Ø 125		164*164
	232	T-joint / plastic	Ø 125		198*164
	25	Wall plate / plastic	Ø 125		170* 170
	252	Connector with plate / plastic	Ø 125		170* 170
	2521	Connector with back-draft damper and wall plate / plastic	Ø 125		170* 170
	211	Round duct reducer / plastic	Ø 125 / Ø 100		60*129
	216		Ø 125 / Ø 120		42*129
	312		Ø 150 / Ø 125		60*154
	310	Round step reducer / plastic	Ø 80 / Ø 100 / Ø 120 / Ø 125 / Ø 150		125*150
	26	Holder / plastic	Ø 125		20*128

Model		Description / material	Cross section [mm]	Length	Overall dimensions H*L [mm]
Image	Art.				
	FM 125 Zn	Flange for connection of flexible and plastic air ducts / galvanized steel	Ø 125		62*162
	F 125	Flange For connection of flexible and plastic air ducts / plastic	Ø 125		62*165
	PM 125	Connector / galvanized steel	Ø 125		62*125
	C 125 Zn	Clamps for quick fittings connection	Ø 110-130		9*130
	CB 60-135	Quick-release clamps equipped with a stainless steel swing screw / stainless steel	Ø 60-135		9*135
	KOM 125	Backdraft spring-loaded damper for automatic shutoff and preventing back draft of air / galvanized steel	Ø 125		80*124
	8005	Flat duct / plastic	60*204	0.5 m	60*204
	8010		60*204	1.0 m	60*204
	818	Connector / plastic	60*204		64*208*91
	8181	Connector with damper / plastic	60*204		64*208*91
	8183	Flexible flat duct connector / plastic	60*204		60*204*60
	8281	Horizontal 90° bend / plastic	60*204		238*238*64

Model		Description / material	Cross section [mm]	Length	Overall dimensions H*L [mm]
Image	Art.				
	8282	Vertical 90° bend / plastic	60*204		64*208*103
	82810	Versatile flat angular connector / plastic	60*204		286*247*64
	838	T-joint / plastic	60*204		248*288*64
	86	Holder / plastic	60*204		209*65*169
	85	Wall plate / plastic	60*204		242*154
	518	Reducer / plastic	55*110 / 60*204		64*208*60
	871	End grille / plastic	60*204		93*232*76
	872		60*204		93*232*76
	821	90° connecting bend for flat and round ducts / plastic	Ø 100 / 60x204		140*208* 92
	822		Ø 125 / 60x204		164*208* 92
	823		Ø 150 / 60x204		188*208* 92
	812	Round to flat connector / plastic	Ø 125 / 60*204		140*128* 208
	ALT 0,50/10	Aluminium adhesive tape			50 mm*10 m
	PVT 0,50/10	Adhesive PVC tape			50 mm*10 m

Model		Description / material	Cross section [mm]	Length	Overall dimensions H*L [mm]
Image	Art.				
	3005	Round duct / plastic	Ø 150	0.5 m	Ø 153*500
	3010	Round duct / plastic	Ø 150	1.0 m	Ø 153*1000
	3805	Round telescopic duct / plastic	Ø 150	0.3-0.5 m	Ø 153*300
	Polyvent 605M0/152/1	Flexible air duct aluminium foil laminated with polyester	Ø 150	1 m	Ø 152*1000
	Polyvent 605M0/152/2,5		Ø 150	2.5 m	Ø 152*2500
	Polyvent 660/152/1	Flexible PVC air duct with wire frame	Ø 150	1 m	Ø 152*1000
	Polyvent 660/152/2,5		Ø 150	2.5 m	Ø 152*2500
	Polyvent 660/152/3		Ø 150	3.0 m	Ø 152*3000
	ALUVENT M 150/1		Ø 150	1 m	Ø 152*1000
	ALUVENT M 150/2,5	Flexible spiral seam aluminium band air ducts / thickness 0.05 mm	Ø 150	2.5 m	Ø 152*2500
	ALUVENT M 150/3		Ø 150	3.0 m	Ø 152*3000
	ALUVENT N 150/1		Ø 150	1 m	Ø 152*1000
	ALUVENT N 150/2,5	Flexible spiral seam aluminium band air ducts / thickness 0.08 mm	Ø 150	2.5 m	Ø 152*2500
	ALUVENT N 150/3		Ø 150	3.0 m	Ø 152*3000
	ALUVENT S 150/1		Ø 150	1 m	Ø 152*1000
	ALUVENT S 150/2,5	Flexible spiral seam aluminium band air ducts / thickness 0.1 mm	Ø 150	2.5 m	Ø 152*2500
	ALUVENT S 150/3		Ø 150	3.0 m	Ø 152*3000

Model		Description / material	Cross section [mm]	Length	Overall dimensions H*L [mm]
Image	Art.				
	3133	Round flexible duct connector / plastic	Ø 150		153*60
	313	Connector / plastic	Ø 150		150*62
	3131	Connector with backdraft damper / plastic	Ø 150		150*62
	323	90° bend / plastic	Ø 150		189*189
	333	T-joint / plastic	Ø 150		223*189
	35	Wall plate / plastic	Ø 150		204* 204
	353	Connector with plate / plastic	Ø 150		204*204
	3531	Connector with backdraft damper and wall plate / plastic	Ø 150		204*204
	312	Round duct reducer / plastic	Ø 150 / Ø 125		60*154
	310	Round step reducer / plastic	Ø 80 / Ø 100 / Ø 120 / Ø 125 / Ø 150		125*150

Model		Description / material	Cross section [mm]	Length	Overall dimensions H*L [mm]
Image	Art.				
	823	90° connecting bend for flat and round ducts / plastic	Ø 150 / 60x204		188*208*92
	36	Holder / plastic	Ø 150		20*153
	FM 150 Zn	Flange for connection of flexible and plastic air ducts / galvanized steel	Ø 150		62*186
	F 150	Flange for connection of flexible and plastic air ducts / plastic	Ø 150		62*188
	PM 150	Connector / galvanized steel	Ø 150		62*150
	C 150 Zn	Clamps for quick fittings connection	Ø 140-160		9*160
	CB 60-165	Quick-release clamps equipped with a stainless steel swing screw / stainless steel	Ø 60-165		9*165
	ALT 0,50/10	Aluminium adhesive tape			50 mm*10 m
	PVT 0,50/10	adhesive PVC tape			50 mm*10 m
	KOM 150	Backdraft spring-loaded damper for automatic shutoff of the round ducts and preventing back draft of air / galvanized steel	Ø 150		80*149


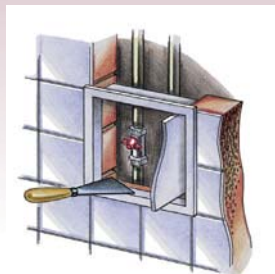
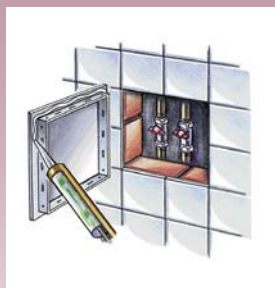
### ACCESS DOORS FOR ACCESSING CONCEALED EQUIPMENT AND UTILITY LINES

- Designed for wall or ceiling applications.
- Enable quick and convenient access to concealed equipment and utility lines.
- Suitable for high-humidity areas.
- Protected by national patents worldwide.
- A wide range of sizes.
- Easy servicing.





## D series


 Sample installations

 Applications

- Designed for wall or ceiling applications.
- Enable quick and convenient access to concealed equipment and utility lines.
- Suitable for high-humidity areas.
- Protected by national patents worldwide.

 Design

- Made of high-quality ABS plastic.

- Left or right-side opening.
- Press gently to open and close.
- The swinging D2 doors provide maximum clearance while accessing utility lines.
- A wide range of sizes.

 Mounting

- Easy mounting using mortar or glue.
- Universal mountings for left or right-side opening.
- Easy servicing.

 Dimensions

Model	Overall dimensions [mm]	Installation dimensions [mm]
	H x B	H1 x B1
D 100x100	137 x 137	93 x 93
D 150x150	167 x 167	123 x 123
D 150x200	217 x 167	173 x 123
D 150x300	317 x 167	273 x 123
D 200x200	217 x 217	173 x 173
D 200x250	267 x 217	223 x 173
D 200x300	317 x 217	273 x 173
D 200x400	417 x 217	373 x 173
D 250x300	347 x 267	303 x 223
D 250x400	417 x 267	373 x 223
D 300x300	317 x 317	273 x 273
D 300x400	417 x 317	373 x 273
D 300x500	517 x 317	473 x 273
D 300x600	617 x 317	573 x 273
D 400x500	517 x 417	473 x 373
D 400x600	617 x 417	573 x 373
D2 400x400	416 x 388	372 x 344

## Color options



White



Beige



Grey



Sky Blue



Beige Marble



Grey Marble



Blue Marble



Green Marble

## DD series



### Applications

- Designed for wall or ceiling applications.
- Enable quick and convenient access to concealed equipment and utility lines.
- Concealed mounting for esthetic appearance.
- Suitable for high-humidity areas.
- Protected by national patents worldwide.

### Design

- Made of high-quality ABS plastic.

- The door surface is ready for acrylic and water-dispersion paint or wallpaper application.

- Left or right-side opening.
- Press gently to open and close.
- A wide range of sizes.

### Mounting

- Easy mounting using mortar or glue.
- Universal mountings for left or right-side opening.
- Double-sided hinges.
- Easy servicing.

### Dimensions

Model	Overall dimensions [mm]	Installation dimensions [mm]
	H x B	H1 x B1
DD 200x300	336 x 236	291 x 189



### Sample installations



### Color options



White



Beige



Grey



Sky Blue



Beige Marble



Grey Marble



Blue Marble



Green Marble

## DMZ series



#### Applications

- Designed for wall or ceiling applications.
- Enable quick and convenient access to concealed equipment and utility lines.
- Suitable for high-humidity areas.
- Protected by national patents worldwide.

#### Design

- Made of high-quality steel with a durable powder coating.
- The use of zinc phosphate compound ensures 100% coating

integrity and provides a reliable corrosion protection.

- Left or right-side opening.
- Equipped with a key lock.
- A wide range of sizes.
- Custom sizes are available upon request.

#### Mounting

- Easy mounting using mortar or glue.
- Universal mountings for left or right-side opening.
- Easy servicing.

#### Dimensions

Model	Overall dimensions [mm]	Installation dimensions [mm]
	H x B	H1 x B1
DMZ 150x150	186,5 x 186,5	146,5 x 146,5
DMZ 150x200	236,5 x 186,5	196,5 x 146,5
DMZ 200x200	236,5 x 236,5	196,5 x 196,5
DMZ 200x250	286,5 x 236,5	246,5 x 196,5
DMZ 250x250	286,5 x 286,5	246,5 x 246,5
DMZ 300x300	336,5 x 336,5	296,5 x 296,5

#### Color options



White



Beige



Brown



Grey



Sky Blue



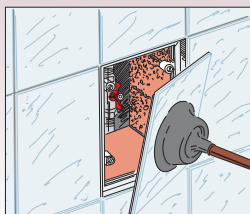
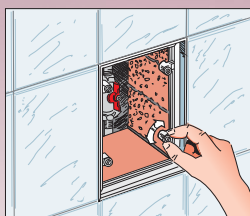
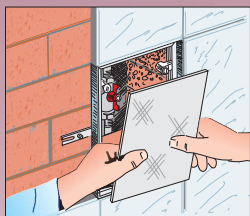
Black

## DKP series



Access doors on a PVC frame for attaching ceramic tiles

### Sample installations



### Applications

- Designed for wall installation and ceramic tile attachment.
- Enable quick and convenient access to concealed equipment and utility lines.
- Concealed mounting for esthetic appearance.
- Suitable for high-humidity areas.
- Protected by national patents worldwide.

### Design

- The PVC profile frame contains magnets and hides the tile-to-tile gap.

- Metal plate for attaching ceramic tiles.
- Magnetic attachment of plate to the frame.
- Press gently to open and close or use a cup plunger.
- A wide range of sizes.

### Mounting

- Easy installation using spacers lugs.
- Height-adjustable magnets enable perfect leveling of tiles to the wall surface.
- Ceramic tiles are easily glued to the plate.
- Easy servicing.

### Dimensions

Model	Overall dimensions [mm]	Installation dimensions [mm]
	B x H	B1 x H1
DKP 150x150	156 x 156	153 x 153
DKP 150x200	156 x 206	153 x 203
DKP 150x300	156 x 306	153 x 303
DKP 200x200	206 x 206	203 x 203
DKP 200x250	206 x 256	203 x 253
DKP 200x300	206 x 306	203 x 303
DKP 200x400	206 x 406	203 x 403
DKP 250x300	256 x 306	253 x 303
DKP 300x300	306 x 306	303 x 303
DKP 300x400	306 x 406	303 x 403

## DM series



#### Applications

- Designed for wall or ceiling applications.
- Enable quick and convenient access to concealed equipment and utility lines.
- Suitable for high-humidity areas.
- Protected by national patents worldwide.

#### Design

- Made of high-quality steel with a durable powder coating.
- The use of zinc phosphate compound ensures 100% coating

integrity and provides a reliable corrosion protection.

- Left or right-side opening.
- Equipped with a magnetic latch for convenient opening and closing by gentle pressure.
- A wide range of sizes.
- Custom sizes are available upon request.

#### Mounting

- Easy mounting using mortar or glue.
- Universal mountings for left or right-side opening.
- Easy servicing.

#### Dimensions

Model	Dimensions, mm	
	H x B	H1 x B1
DM 200x250	286,5 x 236,5	246,5 x 196,5
DM 200x300	336,5 x 236,5	296,5 x 196,5
DM 200x400	436,5 x 236,5	396,5 x 196,5
DM 250x250	286,5 x 286,5	246,5 x 246,5
DM 250x300	336,5 x 286,5	296,5 x 246,5
DM 300x300	336,5 x 336,5	296,5 x 296,5
DM 300x400	436,5 x 336,5	396,5 x 296,5
DM 300x500	536,5 x 336,5	496,5 x 296,5
DM 400x400	436,5 x 436,5	396,5 x 396,5
DM 400x500	536,5 x 436,5	496,5 x 396,5
DM 500x500	536,5 x 536,5	496,5 x 496,5
DM 600x600	636,5 x 636,5	596,5 x 596,5

#### Color options



White



Beige



Brown



Grey



Sky Blue

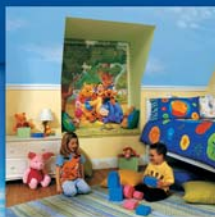


Black



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