



VentEurope[®]
VENTILATION



catalog

Content

VentEurope series of fans

FRESH line of fans.....	4
FINE line of fans.....	5
FANCY line of fans.....	6
GENTLE line of fans.....	7
ELEGIA line of fans.....	8
AUTO line of fans	9
ROUND line of fans.....	10
VALUE line of fans.....	11
STREAM line of fans	12
PLACE line of fans	13
CLASSIC line of fans	14
REFINED line of fans.....	15
WAY line of fans.....	16
EASY Line of fans	17
BLOW Line of fans.....	18
CIRCLE Line of fans	19

Options

-  Durable, impact-resistant plastic with a glossy surface
-  Made of polystyrol plastic with a matte surface
-  3-year warranty
-  5-year warranty
-  The cutout overheating protection prevents fire and wire damage
-  Implemented customary sleeve-bearing motor
-  BB Ball-bearing motor provides up to 40 000 hours of operation and allows installing the device into ceilings
-  High Power Engine
-  Back-draught shutter with plastic wings
-  Noiseless back-draught shutter with plastic wings and silicon stoppers
-  Insect net prevents mosquito intrusion
-  Pull-cord switch for manual actuation
-  Combination of timer and humidity sensor
-  Timer
-  Easily detachable face panel
-  2 ventilation modes
-  Shortened flange
-  Device operation is indicated with LED
-  Half-reduced power consumption as compared with analogues models
-  Quiet fans with a noise level less than 25 dB(A) that is equal to whisper

FRESH line of fans



Exhaust fans for wall and ceiling application.

For mounting into ventilation shafts or junction with air ducts.

100 and 125 mm flange diameter.

Trendy design of the solid, gently incurved face panel.

Low noise ball-bearing motor with an extended service life (up to 40 000 hours of continuous operation).

Reduced power consumption.

Noiseless back-draught shutter with rubber stoppers.

Fits for ceiling mounting (back-draught shutter must be removed).

IP24 Ingress protection rating for electrical equipment.

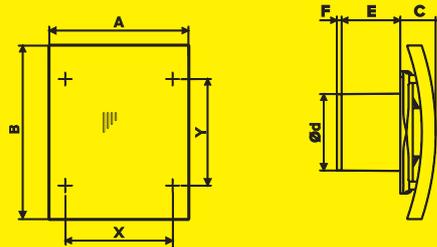
Additional options



Overall dimensions

Item code	A	B	X	Y	E	C	d	F*
FRESH 4	175	220	135	135	74	44	98	6
FRESH 5	190	237	160	160	79	52	123	6

* referred only to fans equipped with a back-draught shutter



Technical specifications



Specifications	FRESH 4	FRESH 4 TURBO	FRESH 5	FRESH 5 TURBO
Diameter, mm	98	98	123	123
Power consumption, W	9	16	13	20
Capacity, m ³ /h	90	110	165	205
Pressure, Pa	30	35	48	56
Noise level, dB(A)	25	36	30	39
Current consumption, A	0,04	0,07	0,06	0,09

FINE line of fans



Exhaust fans for wall and ceiling application.

For mounting into ventilation shafts or junction with air ducts.

100 and 125 mm flange diameter.

Tasteful design of the solid face panel with smooth lines.

Ball-bearing motor with an extended service life (up to 40 000 hours of continuous operation).

Noiseless back-draught shutter with rubber stoppers.

Fits for ceiling mounting (back-draught shutter must be removed).

IP24 Ingress protection rating for electrical equipment.

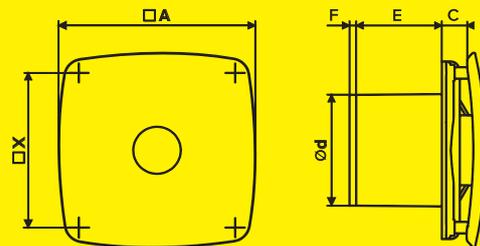
Additional options



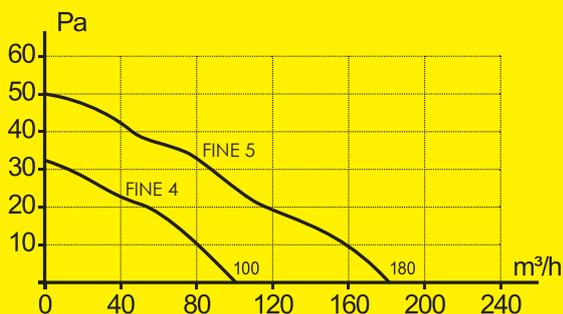
Overall dimensions

Item code	A	X	E	C	d	F*
FINE 4	170	135	74	38	98	6
FINE 5	200	160	79	38	123	6

* referred only to fans equipped with a back-draught shutter



Technical specifications



Specifications	FINE 4	FINE 5
Diameter, mm	98	123
Power consumption, W	14	16
Capacity, m3/h	100	180
Pressure, Pa	32	50
Noise level, dB(A)	32	33
Current consumption, A	0,06	0,07

FANCY line of fans



Ivory Matt black Dark gray metal Gray metal

Exhaust fans for wall and ceiling application.

For mounting into ventilation shafts or junction with air ducts.

100 and 125 mm flange diameter.

Low noise ball-bearing motor with an extended service life (up to 40 000 hours of continuous operation).

Reduced power consumption.

Fits for ceiling mounting (back-draught shutter must be removed).

IP24 Ingress protection rating for electrical equipment.

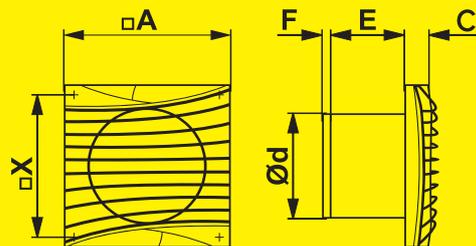
Additional options



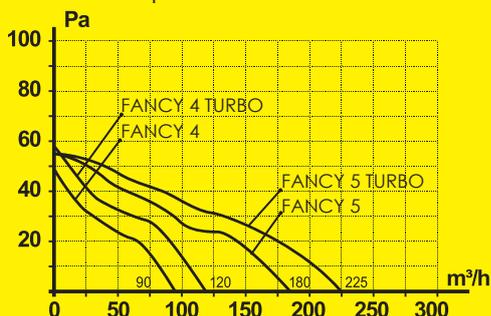
Overall dimensions

Item code	A	X	E	C	d	F*
FANCY 4	155	135	70	31	100	7
FANCY 5	175	155	78	31	125	8,5

* referred only to fans equipped with a back-draught shutter



Technical specifications



Specifications	FANCY 4 / TURBO	FANCY 5 / TURBO
Diameter, mm	100	125
Power consumption, W	8,4 / 19	10 / 20
Capacity, m3/h	90 / 120	180 / 225
Pressure, Pa	48 / 56	58 / 58
Noise level, dB(A)	25 / 36	30 / 38
Current consumption, A	0,04 / 0,09	0,05 / 0,09

GENTLE line of fans



Exhaust fans for wall and ceiling application.

For mounting into ventilation shafts or junction with air ducts.

100 and 125 mm flange diameter.

Low noise ball-bearing motor with an extended service life (up to 40 000 hours of continuous operation).

Reduced power consumption.

Fits for ceiling mounting (back-draught shutter must be removed).

IP24 Ingress protection rating for electrical equipment.

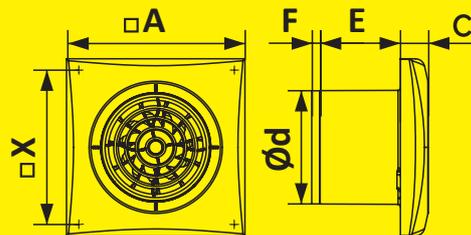
Additional options



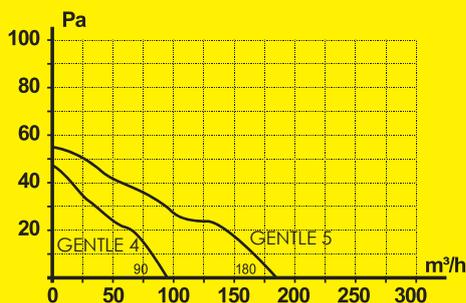
Overall dimensions

Item code	A	X	E	C	d	F*
GENTLE 4	155	135	70	24	100	7
GENTLE 5	175	155	78	24	125	8,5

* referred only to fans equipped with a back-draught shutter



Technical specifications



Specifications	GENTLE 4	GENTLE 5
Diameter, mm	100	125
Power consumption, W	8,4	10
Capacity, m3/h	90	180
Pressure, Pa	48	58
Noise level, dB(A)	25	30
Current consumption, A	0,04	0,05

ELEGIA line of fans



Exhaust fans for wall and ceiling application.

For mounting into ventilation shafts or junction with air ducts.

Extra-slim face panel.

Low noise ball-bearing motor with an extended service life (up to 40 000 hours of continuous operation).

Reduced power consumption.

Fits for ceiling mounting (back-draught shutter must be removed).

IP45 Ingress protection rating for electrical equipment.



Ivory



Matt black



Dark gray metal



Gray metal

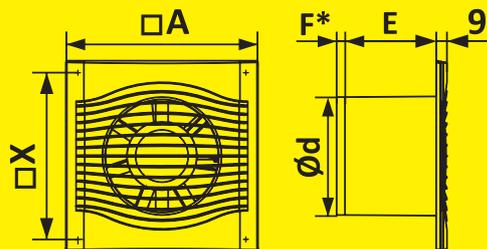
Additional options



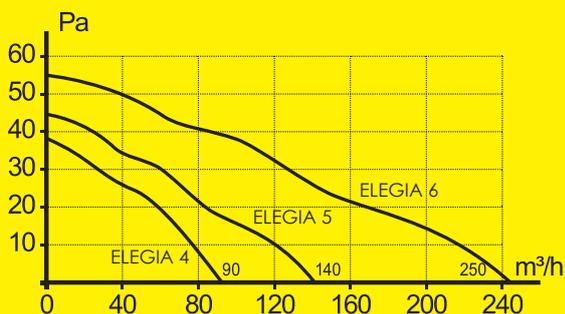
Overall dimensions

Item code	A	X	E	d	F*
ELEGIA 4	160	140	76	100	7
ELEGIA 5	180	160	82	125	8,5
ELEGIA 6	205	187	86	150	10

* referred only to fans equipped with a back-draught shutter



Technical specifications



Specifications	ELEGIA 4	ELEGIA 5	ELEGIA 6
Diameter, mm	100	125	150
Power consumption, W	7,8	10	10
Capacity, m ³ /h	90	140	250
Pressure, Pa	39	44	54
Noise level, dB(A)	25	30	33
Current consumption, A	0,04	0,05	0,05

AUTO line of fans



Exhaust fans for wall application.
For mounting into ventilation shafts or junction with air ducts.

Fans are equipped with automatic shutters independently opening after actuation of the device. In an "Off" mode, the shutters block air-flow preventing back draft.

IP24 Ingress protection rating for electrical equipment.

! Thermal actuator ensures smooth opening and closing of the automatic shutters in the next 45 sec after the fan is switched on/off.

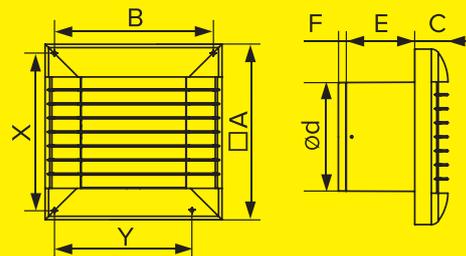


Additional options

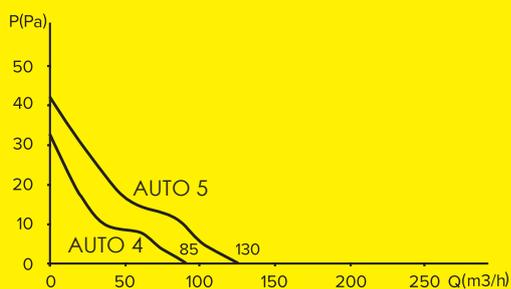


Overall dimensions

Item code	A	B	X	Y	C	E	d
AUTO 4	160	140	140	120	30	62	100
AUTO 5	187,6	160	160	140	30	66	125



Technical specifications



Specifications	AUTO 4	AUTO 5
Diameter, mm	100	125
Power consumption, W	16	16
Capacity, m3/h	85	130
Pressure, Pa	33	42
Noise level, dB(A)	35	36
Current consumption, A	0,06	0,07

ROUND line of fans



Innovative design of the face panel allows to set the central movable part in two positions to control the air-flow.

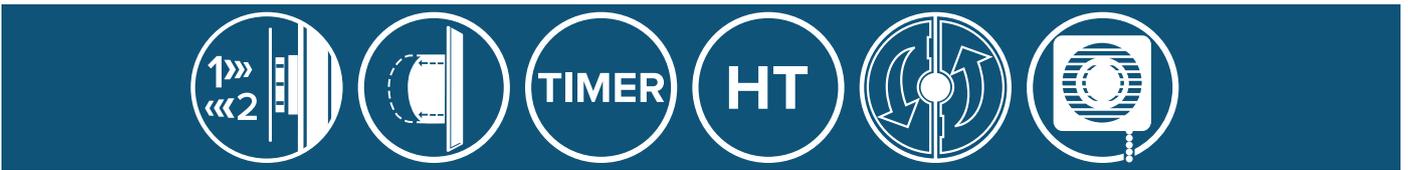
Shortened flange allows to mount the fan into the shafts limited in depth.

Five decorative color covers included into the kit.

IP24 Ingress protection rating for electrical equipment.



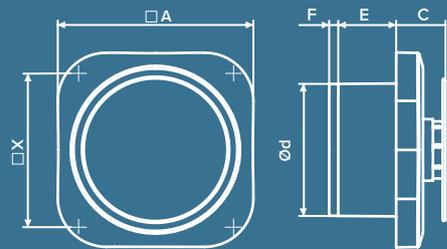
Additional options



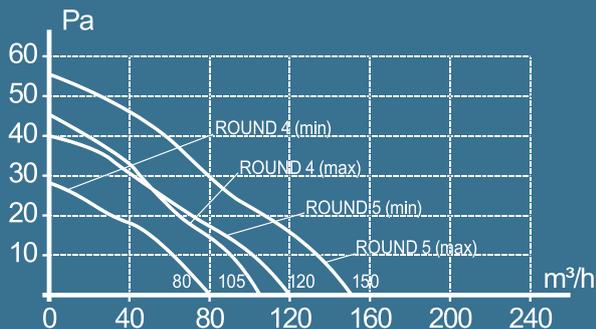
Overall dimensions

Item code	A	X	E	d	C	F*
ROUND 4	159	125	48	100	37,4 ÷ 45,5	5
ROUND 5	183	145	54	125	39 ÷ 47	7

* referred only to fans equipped with a back-draught shutter



Technical specifications



Specifications	ROUND 4	ROUND 5
Diameter, mm	100	125
Power consumption, W	17	20
Capacity, m3/h	105 / 80	150 / 120
Pressure, Pa	45 / 28	55 / 40
Noise level, dB(A)	35	36
Current consumption, A	0,07	0,09

VALUE line of fans



Additional options

Easily detachable face panel.
For mounting into ventilation shafts or junction with air ducts.

Mounting legs for fastening
100 and 120 mm flange diameter.

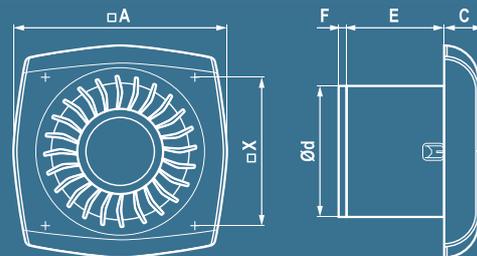
IP24 Ingress protection rating for
electrical equipment.



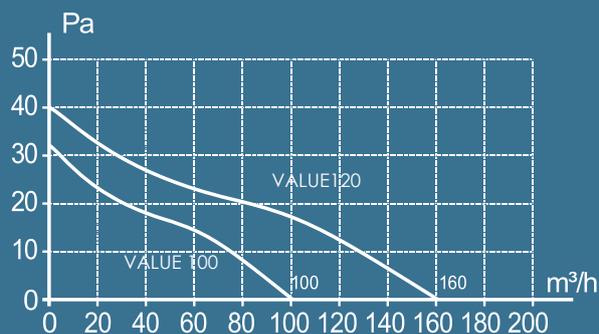
Overall dimensions

Item code	A	X	E	d	C	F*
VALUE 100	151	110	70	100	19	6
VALUE 120	181	130	69	120	19	6

* referred only to fans equipped with a back-draught shutter



Technical specifications



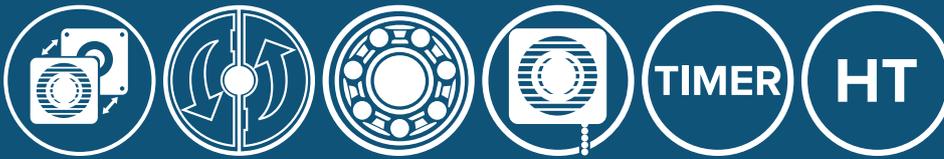
Specifications	VALUE 100	VALUE 120
Diameter, mm	100	120
Power consumption, W	14	16
Capacity, m ³ /h	100	160
Pressure, Pa	32	40
Noise level, dB(A)	25	30
Current consumption, A	0,06	0,07

STREAM line of fans



Additional options

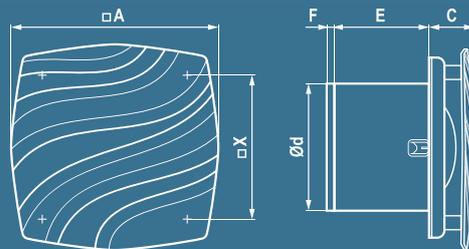
Easily detachable face panel.
 Due to an original design of the fan body, a solid face panel doesn't prevent from a proper air exhaust process.
 For mounting into ventilation shafts or junction with air ducts.
 Mounting legs for fastening
 100 and 120 mm flange diameter.
 Fits for ceiling mounting (only the fans with BB-option).
 IP24 Ingress protection rating for electrical equipment.



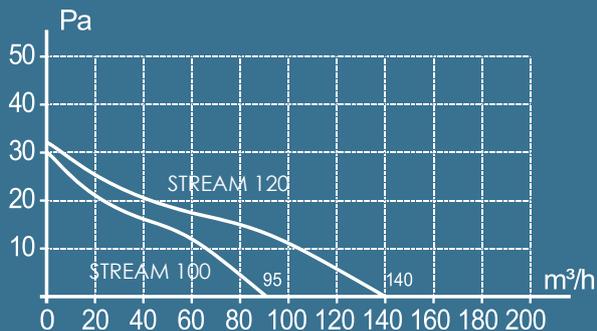
Overall dimensions

Item code	A	X	E	d	C	F*
STREAM 100	151	110	70	100	33	6
STREAM 120	181	130	69	120	33	6

* referred only to fans equipped with a back-draught shutter



Technical specifications



Specifications	STREAM 100	STREAM 120
Diameter, mm	100	120
Power consumption, W	14	16
Capacity, m3/h	95	140
Pressure, Pa	30	32
Noise level, dB(A)	25	30
Current consumption, A	0,06	0,07

PLACE line of fans



Easily detachable face panel.

Due to an original design of the fan body, a solid face panel doesn't prevent from a proper air exhaust process. The fan's efficiency characteristics are confirmed by laboratory testing.

Special mounting pattern helps with defining mounting spots position.

Fans with C-option are equipped with back-draught shutters of a new design.

IP24 Ingress protection rating for electrical equipment.

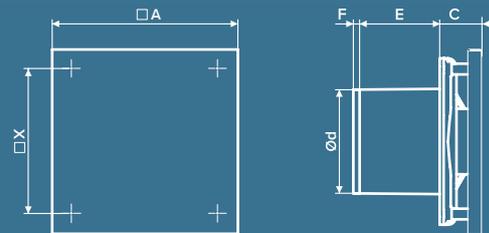
Additional options



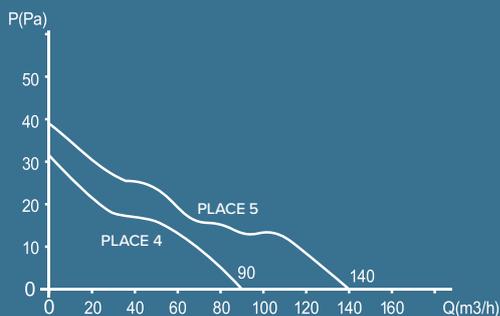
Overall dimensions

Item code	A	X	E	d	C	F*
PLACE 4	172	135	74	98	38	6
PLACE 5	200	160	79	123	38	6

* referred only to fans equipped with a back-draught shutter



Technical specifications



Specifications	PLACE 4	PLACE 5
Diameter, mm	98	123
Power consumption, W	16	20
Capacity, m3/h	90	140
Pressure, Pa	31	38
Noise level, dB(A)	35	36
Current consumption, A	0,06	0,07

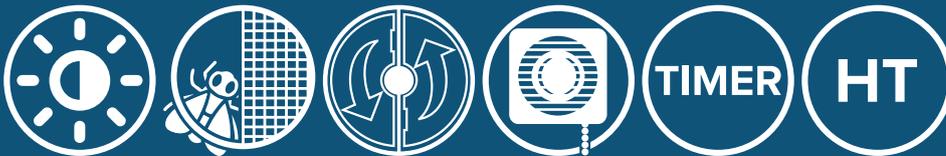
CLASSIC line of fans



Traditional design with straight shutters.
Wide choice of additional options.
IP24 Ingress protection rating for electrical equipment.



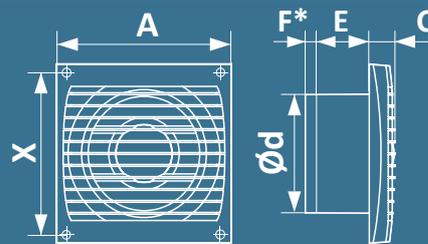
Additional options



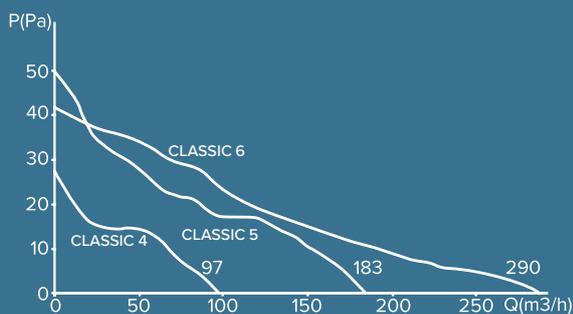
Overall dimensions

Item code	A	X	E	d	C	F*
CLASSIC 4	150	135	55	100	22	5
CLASSIC 5	175	160	61	125	23	7
CLASSIC 6	200	185	62	150	24	10

* referred only to fans equipped with a back-draught shutter



Technical specifications

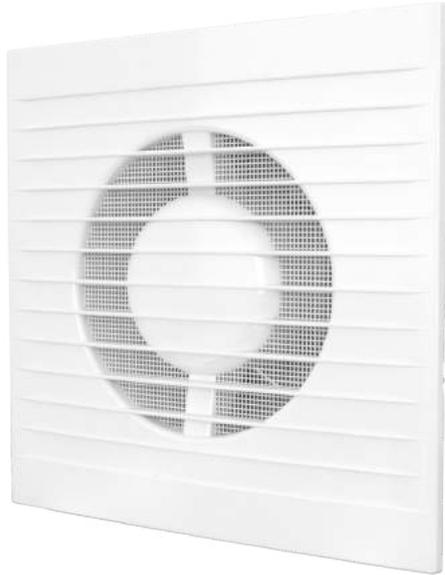


Specifications	CLASSIC 4	CLASSIC 5	CLASSIC 6
Diameter, mm	100	125	150
Power consumption, W	14	16	16
Capacity, m3/h	97	183	290
Pressure, Pa	28	50	42
Noise level, dB(A)	35	36	38
Current consumption, A	0,06	0,07	0,07

REFINED line of fans



Extra-slim face panel.
Sleeve-bearing motor doesn't require extra maintenance.
IP24 Ingress protection rating for electrical equipment.



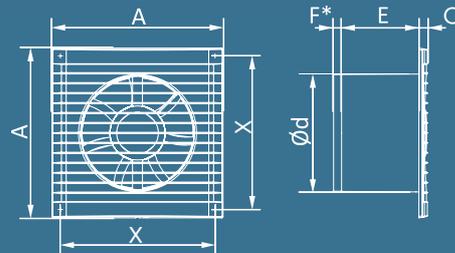
Additional options



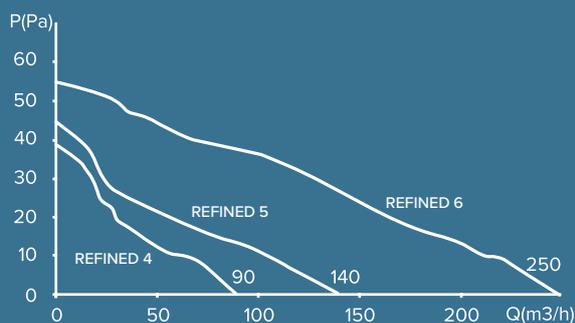
Overall dimensions

Item code	A	X	d	C	E	F*
REFINED 4	160	140	100	9	76	7
REFINED 5	180	160	125	9	82	8,5
REFINED 5	205	187	150	9	86	10

* referred only to fans equipped with a back-draught shutter



Technical specifications



Specifications	REFINED 4	REFINED 5	REFINED 6
Diameter, mm	100	125	150
Power consumption, W	14	16	16
Capacity, m3/h	90	140	250
Pressure, Pa	39	44	54
Noise level, dB(A)	35	36	38
Current consumption, A	0,06	0,07	0,07

WAY line of fans



Additional options

Can be installed either in between the vent ducts or at ventilation channel output.

For supply and exhaust ventilation systems.

WAY 12V is powered by 12-volt circuit.

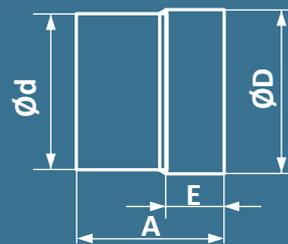
Besides standard 220 V fans, WAY range is also supplemented with the safe motor devices powered by 12-volt AC circuit, typical for high humidity premises such as garages, ellars, etc.

IP24 Ingress protection rating for electrical equipment.

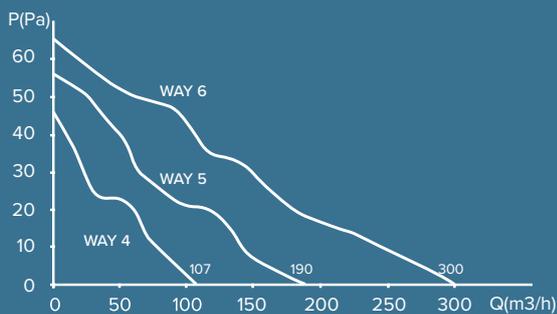


Overall dimensions

Item code	d	D	A	E
WAY 4	100	103	80	30
WAY 5	125	128	87	30
WAY 6	160	163	101	35



Technical specifications



Specifications	WAY 4	WAY 5	WAY 6
Diameter, mm	100	125	160
Power consumption, W	14	18	22
Capacity, m³/h	107	190	300
Pressure, Pa	46	56	65
Noise level, dB(A)	35	36	38
Current consumption, A	0,06	0,08	0,1

BLOW Line of fans



Inline fan.

Mounted into round ventilation ducts.

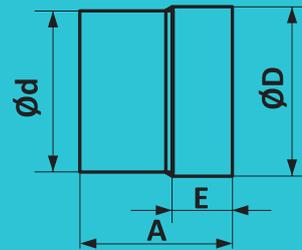
When used with DSKP line duct holders, the fan can be installed in between two plastic ducts.

Works in supply or exhaust mode depending on how it is mounted into the ventilation system.

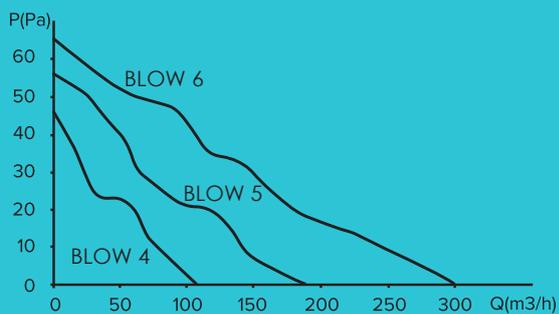


Overall dimensions

Item code	d	D	A	E
BLOW 4	100	103	80	30
BLOW 5	125	128	87	30
BLOW 6	160	163	101	35



Technical specifications



Specifications	BLOW 4	BLOW 5	BLOW 6
Diameter, mm	100	125	160
Power consumption, W	14	18	22
Capacity, m3/h	107	190	300
Pressure, Pa	46	56	65
Noise level, dB(A)	35	36	38
Current consumption, A	0,06	0,08	0,1

EASY Line of fans



Open-face-panel type fans show better performance characteristics.

Pull-cord switch and back-draught shutter are additionally available.

IP24 Ingress protection rating for electrical equipment.



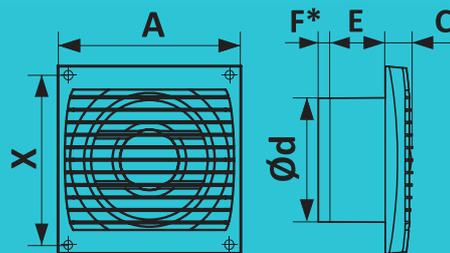
Additional options



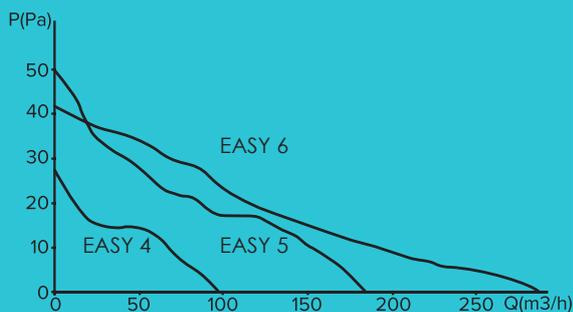
Overall dimensions

Item code	A	X	E	d	C	F*
EASY 4	150	135	55	100	22	5
EASY 5	175	160	61	125	23	7
EASY 6	200	185	62	150	24	10

* referred only to fans equipped with a back-draught shutter



Technical specifications



Specifications	EASY 4	EASY 5	EASY 6
Diameter, mm	100	125	150
Power consumption, W	14	16	16
Capacity, m³/h	97	183	290
Pressure, Pa	28	50	42
Noise level, dB(A)	35	36	38
Current consumption, A	0,06	0,07	0,07

CIRCLE Line of fans



Exhaust fan for mounting into round ducts.

Back-draught shutter is additionally available.

IP24 Ingress protection rating for electrical equipment.



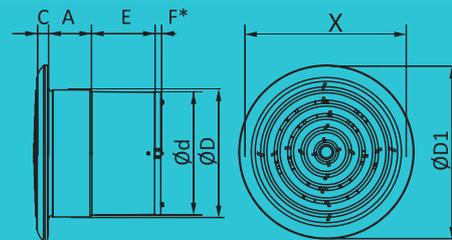
Additional options



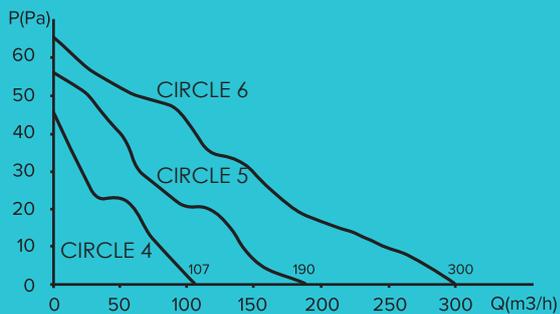
Overall dimensions

Item code	d	X	D	D1	E	A	C	F*
CIRCLE 4	100	125	103	143	52	33	11	5
CIRCLE 5	125	150	128	164	58	34	12	7
CIRCLE 6	160	185	163	200	66	42	13	-

* referred only to fans equipped with a back-draught shutter



Technical specifications



Specifications	CIRCLE 4	CIRCLE 5	CIRCLE 6
Diameter, mm	100	125	160
Power consumption, W	14	18	22
Capacity, m3/h	107	190	300
Pressure, Pa	46	56	65
Noise level, dB(A)	35	36	38
Current consumption, A	0,06	0,08	0,1

Content

VentEurope series of fans

MONSOON 2SP Ø 100-200	22
MONSOON 2SP Ø 250-315	24
TWISTER	26
SQUAL GDF	27
MIX	28
GALE	29
ZEFIR	30
ZEFIR AL.....	31
VORTEX.....	32

Options



Equipped with a speed switch button for easy speed control



Should any manufacturing defect be found during the warranty period, you can replace the device with no extra expenses at the sales office where the device has been purchased



Ingress protection rating against intrusion, dust, accidental contact, and water



Electronic timer sets the operating time of the fan (from 0 sec to 30 min)



The cutout overheating protection prevents fire and wire damage



Self-resettable overheating protection with a restart



Ball-bearing motor provides up to 40 000 hours of operation



Two-speed fans. The speed is controlled with cable switching inside the terminal box or with a traditional switch button



Galvanized steel



Aluminium



Steel

Inline mixed-flow fans

MONSOON 2SP

Ø100, Ø125, Ø150-160, Ø200



Axial inline mixed-flow fans are designed for supply-exhaust ventilation systems of residential, public and industrial buildings. Fan's body, a central part with the motor, impeller and implemented terminal box, is detachable and allows easy maintenance. It is fastened to the nozzle parts with hose clamps.

Two-speed fans. The speed is controlled with cable switching inside the terminal box or with a traditional switch button (supplied with the device).

Asymmetric design of the terminal box ensures easy mains cable connection.

Two-speed single-phase ball-bearing motor with an extended service life.

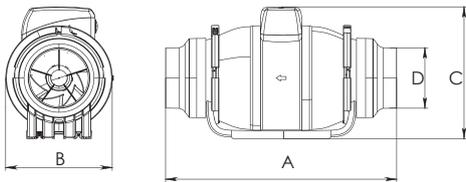
Cutout overheating protection and automatic reset.

Horizontal and vertical installation.

Fastening to the mounting surface is done with screws.

- Ball-bearing motor**
- Self-resettable overheating protection**
- 2 speeds**
- Warranty**
- Ingress protection rating for electrical equipment**
- Speed-switch button**
- Timer**

Overall dimensions

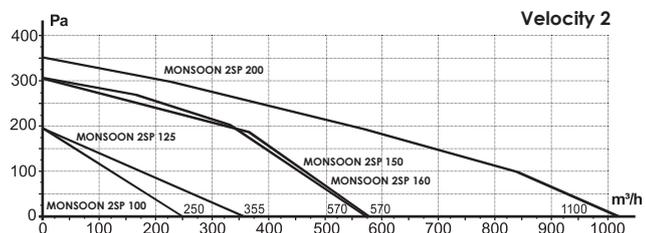
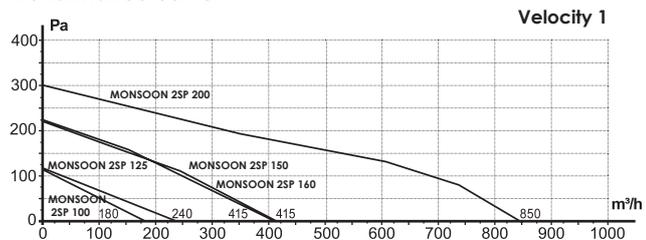


Item code	A	B	C	D
MONSOON 100 2SP	371	173	216	99
MONSOON 125 2SP	291	173	216	124
MONSOON 150 2SP	323	190	238	149
MONSOON 160 2SP	340	190	238	159
MONSOON 200 2SP	376	250	267	198,5

Technical specifications

Specifications	Hz	MONSOON 2SP				
		100	125	150	200	
Power consumption, W	L2	50	25	29	50	105
	L1	50	23	25	42	75
Capacity, m3/h	L2	50	250	355	570	1100
	L1	50	180	240	415	850
Pressure, Pa	L2	50	190	190	305	305
	L1	50	110	110	225	300
Noise level, dB(A)	L2	50	40	39	49	58
	L1	50	31	30	40	50
Current consumption, A	L2	50	0,11	0,13	0,22	0,51
	L1	50	0,10	0,11	0,18	0,42
Rotation frequency, RPM	L2	50	2500	2450	2600	2600
	L1	50	1850	1800	2000	2250

Performance curve



Inline mixed-flow fans

MONSOON 2SP features

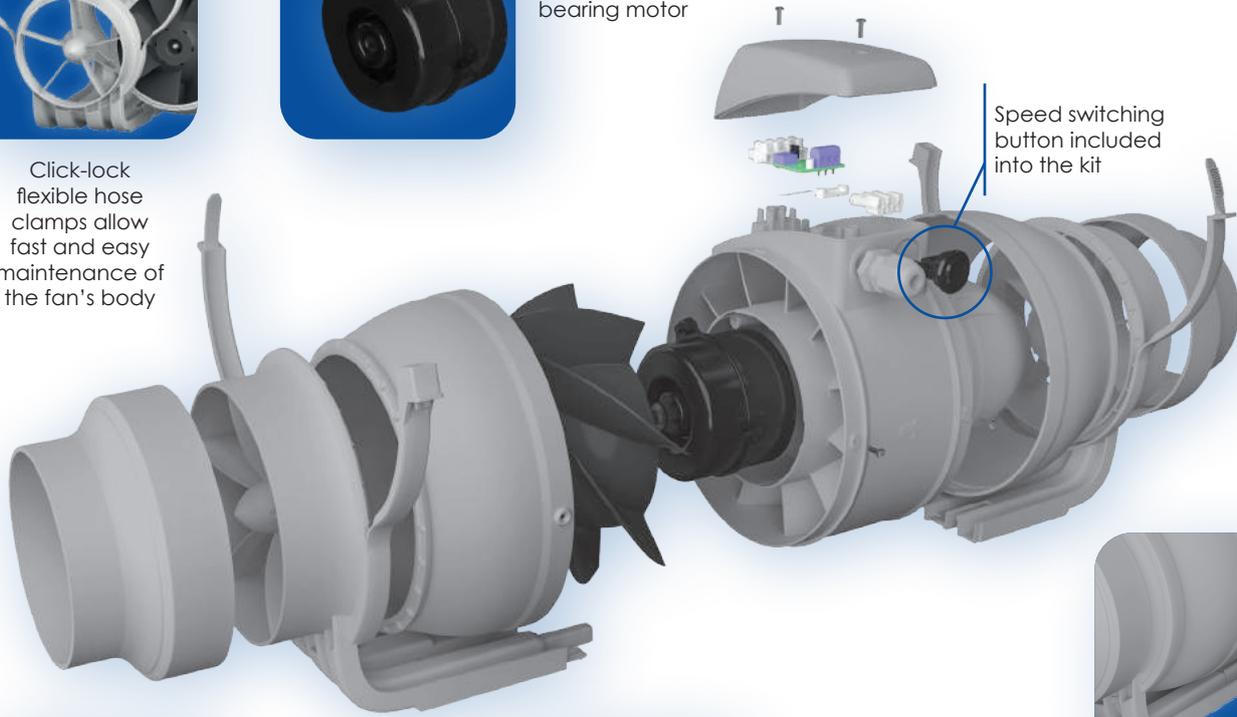
Ø100, Ø125, Ø150-160, Ø200



Click-lock flexible hose clamps allow fast and easy maintenance of the fan's body



2-speed ball-bearing motor



Speed switching button included into the kit



Easy fastening



Size adapters for easy switching to the other diameter



Mixed-type impeller shows better aerodynamic characteristics

MONSOON 200 2SP in a new design



AT Timer

MONSOON line of fans is supplemented with AT-option models (Ø 100, 125, 150, 160). Off-delay timer from 0 to 30 minutes.



Inline mixed-flow fans

MONSOON 2SP

Ø250, Ø315



Inline mixed-flow fans are designed for supply-exhaust ventilation systems of residential, public and industrial buildings.

Two-speed fans. The speed is controlled with cable switching inside the terminal box or with a traditional switch button (supplied with the device).

Two-speed single-phase ball-bearing motor with an extended service life.

Cutout overheating protection and automatic reset.

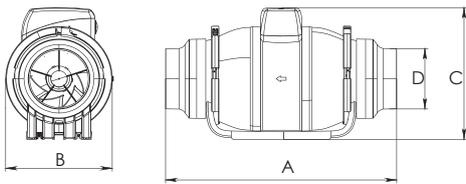
Horizontal and vertical installation.

Fastening to the mounting surface is done with screws.

MONSOON 2SP 250, 315 are equipped with metal hose clamps.

- 
Ball-bearing motor
- 
Self-resettable overheating protection
- 
2 speeds
- 
Warranty
- 
Ingress protection rating for electrical equipment

Overall dimensions

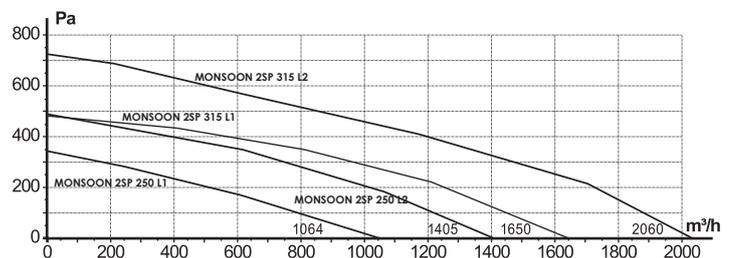


Item code	A	B	C	D
MONSOON 2SP 250	383	310	261	247
MONSOON 2SP 315	446	386	325	312

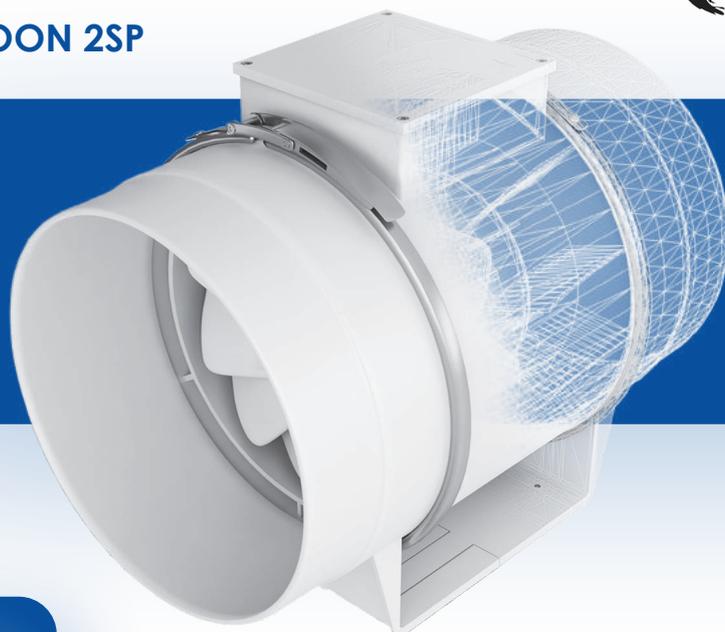
Technical specifications

Specifications		Hz	MONSOON 2SP	
			250	315
Power consumption, W	L2	50	225	285
	L1	50	165	215
Capacity, m3/h	L2	50	1405	2060
	L1	50	1064	1650
Pressure, Pa	L2	50	488	715
	L1	50	371	480
Noise level, dB(A)	L2	50	66	69
	L1	50	58	61
Current consumption, A	L2	50	1,2	1,24
	L1	50	0,75	0,93
Rotation frequency, RPM	L2	50	2450	2350
	L1	50	1850	1900

Performance curve



MONSOON 2SP



Ø250
Ø315



Two-speed single-phase ball-bearing motor



Click-clock metal fasteners



Mixed-type impeller shows better aerodynamic characteristics



Fan holder

Possible mounting in public premises



Possible mounting in public showers

Inline centrifugal fans

TWISTER



Designed for inline mounting into any point of ventilation system and at any angle.

Works in supply or exhaust mode depending on how it is mounted into the ventilation system.

Fan casing is made of high-quality durable plastic.

Waterproof terminal box.

Single-phase ball-bearing external rotor motor is supplemented with a centrifugal impeller with backward-curved blades. It is also implemented with overheat protection and automatic restart.

Mounted to wall and ceiling surfaces with special holding brackets.

TWISTER fans are now equipped with a holding bracket and two screws for fastening to the fan body. The holding bracket is supplied together with the fan in the same box. The holding bracket is not fastened to the fan and intended for self-installation.

Smooth or step speed regulation is available. Speed adjustment is done by means of a thyristor or autotransformer speed controller. Several fans can be connected to the same speed controller device, provided that their total power and operating current do not exceed the rated speed controller parameters.

Ingress protection rating for electrical equipment is IPX4, for motor - IP44.



Ball-bearing motor

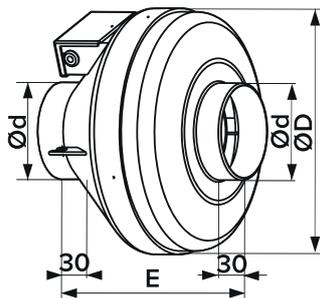


Warranty



Self-resettable
overheating
protection

Overall dimensions

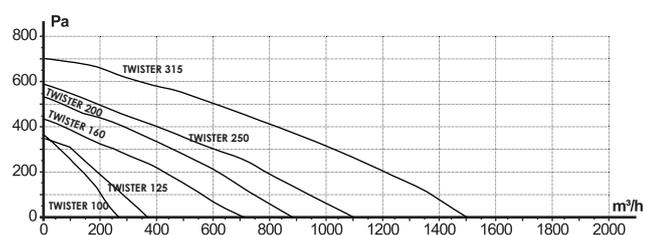


Item code	d	D	E
TWISTER 100	99	251	215
TWISTER 125	124	251	220
TWISTER 160	159	340	229
TWISTER 200	199	339	250
TWISTER 250	249	339	250
TWISTER 315	314	405	284

Technical specifications

Specifications	Hz	TWISTER					
		100	125	160	200	250	315
Power consumption, W	50	52	52	85	135	210	225
Capacity, m ³ /h	50	270	370	720	890	1100	1500
Pressure, Pa	50	360	350	440	540	590	700
Noise level, dB(A)	50	52	51	57	55	53	53
Current consumption, A	50	0,24	0,24	0,39	0,61	0,95	1,02
Rotation frequency, RPM	50	2350	2350	2700	2650	2500	2700

Performance curve



Inline centrifugal fans

SQUAL GDF



Inline centrifugal fans in galvanized steel casing.

Designed for supply and exhaust ventilation systems.

Waterproof terminal flap-box.

Works in supply or exhaust mode depending on how it is mounted into the ventilation system.

Designed for inline mounting into the ducts of the corresponding diameter. Can be installed into any point of ventilation system and at any angle.

Equipped with a single-phase ball-bearing external rotor motor and a centrifugal impeller with backward-curved blades. Implemented with an overheat protection with automatic restart.

Mounted to wall and ceiling surfaces with special holding brackets.

SQUAL GDF GDF 200 / 250 / 315 are equipped with steel blades.

Ingress protection rating for electrical equipment is IPX4, for motor - IP44.



Galvanized steel



Ball-bearing motor

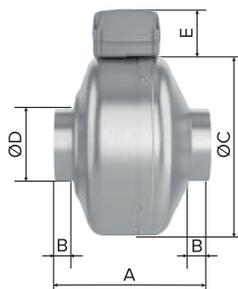


Warranty



Self-resettable overheating protection

Overall dimensions

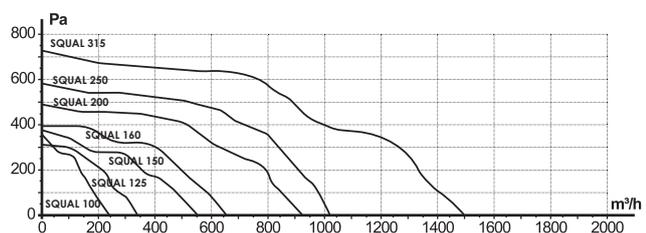


Item code	A	B	C	D	E
SQUAL GDF 100	200	23	243	100	65
SQUAL GDF 125	202	27	243	125	65
SQUAL GDF 150	230	23	333	150	65
SQUAL GDF 160	235	25	333	160	65
SQUAL GDF 200	223	24	333	200	65
SQUAL GDF 250	205	27	333	250	65
SQUAL GDF 315	238	25	402	315	65

Technical specifications

Specifications	SQUAL GDF						
	100	125	150	160	200	250	315
Power consumption, W	62	64	101	102	144	177	278
Capacity, m3/h	245	340	550	655	935	1020	1500
Pressure, Pa	355	310	374	390	490	587	725
Noise level, dB(A)	55	54	60	60	70	60	61
Current consumption, A	0,28	0,29	0,46	0,46	0,65	0,8	1,26
Rotation frequency, RPM	2587	2505	2605	2578	2654	2544	2502

Performance curve



Fans for wall application

GALE



Axial low-pressure fans in steel black polymer-coated casing.

Designed for supply-exhaust ventilation systems and for cooling compression-condensation units.

Works in supply or exhaust mode depending on how it is mounted into the ventilation system.

Induction ball-bearing motors are protected from overheating.

GALE can be equipped with a bipolar or quadrupole induction motor. Configuration depends on the fan size. 200, 250, 300 mm diameter models are equipped with a bipolar motor. 350, 400, 450 mm diameter models are equipped with a quadrupole motor.

Mounted to wall and ceiling surfaces with special square mounting panel (flange).

Equipped with a flange for easy mounting into air ducts of the corresponding size.

IPX4 Ingress protection rating for electrical equipment.



Steel



Ball-bearing motor

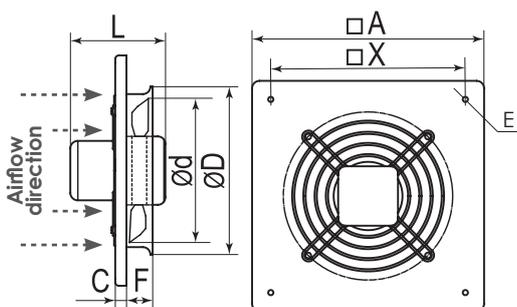


Warranty



Cutout overheating protection

Overall dimensions

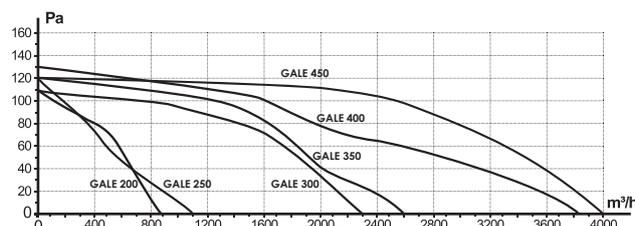


Item code	A	X	L	C	F	ØD	Ød	E
GALE 200	310	260	125	15	35	228	200	7
GALE 250	370	320	135	15	35	278	250	7
GALE 300	430	380	145	15	48	335	300	10
GALE 350	485	435	165	15	50	385	350	10
GALE 400	540	490	185	15	63	430	400	10
GALE 450	575	520	195	15	70	480	450	10

Technical specifications

Specifications	GALE					
	200	250	300	350	400	450
Power consumption, W	62	120	162	150	235	315
Capacity, m ³ /h	890	1100	2300	2600	3830	4800
Pressure, Pa	110	120	115	120	130	120
Noise level, dB(A)	50	60	61	62	63	64
Current consumption, A	0,25	0,36	0,66	0,61	0,82	1,14
Rotation frequency, RPM	2550	2480	2350	1400	1400	1300

Performance curve



Inline fans

MIX



Axial fans for supply-exhaust ventilation systems.

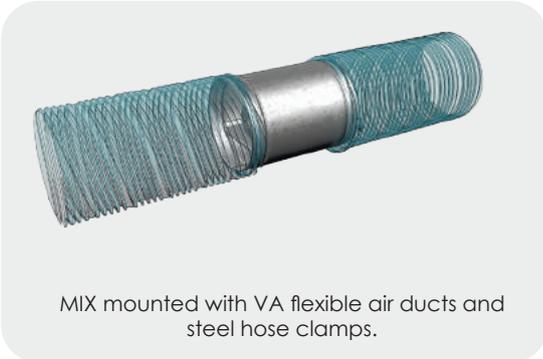
Designed for horizontal or vertical mounting directly into the channels or in between the air ducts.

Single-phase induction motor.

Aluminium airfoil impeller.

Galvanized sheet-steel casing.

IPX2 Ingress protection rating for electrical equipment.



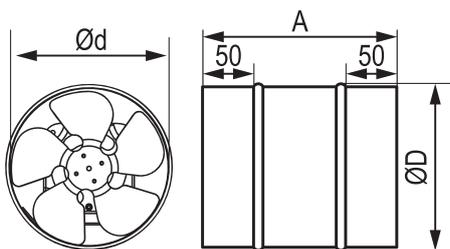
MIX mounted with VA flexible air ducts and steel hose clamps.

Galvanized steel

Warranty

Cutout overheating protection

Overall dimensions

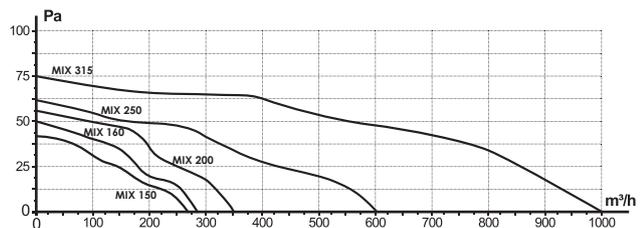


Item code	d	D	A
MIX 150	148	153	190
MIX 160	158	163	190
MIX 200	198	203	190
MIX 250	248	254	280
MIX 315	313	319	280

Technical specifications

Specifications	MIX				
	150	160	200	250	300
Power consumption, W	30	30	35	45	58
Capacity, m³/h	270	280	350	600	1000
Pressure, Pa	40	50	55	65	75
Noise level, dB(A)	50	51	54	57	62
Current consumption, A	0,14	0,14	0,14	0,19	0,26

Performance curve





Capacity characteristics range from 450 m³/h to 1 150 m³/h.

Designed for supporting an air intake sufficient for industrial equipment operation.

Powder-coated corrosion resistant casing is made of cold-rolled steel (CRS).

Equipped with a forward-bladed impeller made of galvanized steel.

Fitted with an external rotor motor.

Implemented with a metal mesh protecting the input flange against intrusion.

Capacity and air pressure regulation is possible with speed controllers of RS-V/RS-N series.

Insulation: class B.

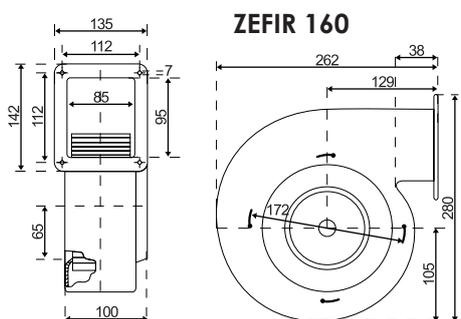
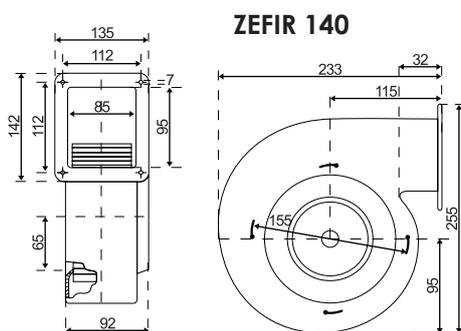
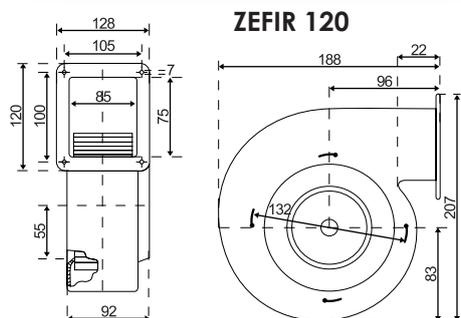
Ingress protection rating: IP44.

Service life: 10 years.

STEEL
Steel

2
Warranty

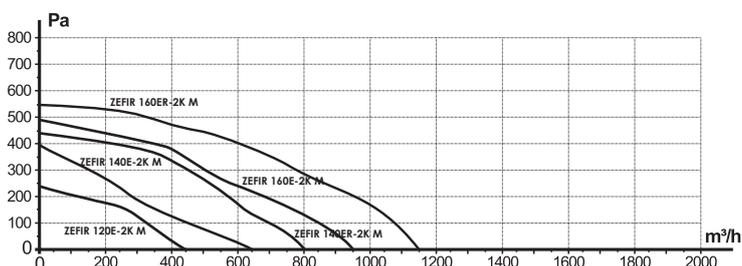
Overall dimensions



Technical specifications

Specifications	ZEFIR				
	120E-2K M	140E-2K M	140ER-2K M	160E-2K M	160ER-2K M
Voltage, V	220	220	220	220	220
Power consumption, W	100	140	180	180	180
Current consumption, A	0,43	0,43	0,63	0,63	0,80
Frequency, Hz	50				
Capacitor, µF/Volt	2,5/400	2,5/400	2,5/400	4/400	4/400
Rotation frequency, RPM	2450	2400	2620	2620	2485
Capacity, m ³ /h	450	650	800	950	1150
Noise Level, dB(A) (at a 3m distance)	62	65	68	69	71
Pressure, Pa	240	390	440	490	550
Weight, Kg	2,28	2,65	2,86	3,45	3,5

Performance curve



Radial fans

ZEFIR AL



Capacity characteristics range from 395 m³/h to 850 m³/h.

Designed for supporting an air intake sufficient for industrial equipment operation.

Casing is made of noise absorbing aluminium.

Equipped with a forward-bladed impeller made of galvanized steel.

Fitted with an external rotor motor.

Implemented with a metal mesh protecting the input flange against intrusion.

Capacity and air pressure regulation is possible with speed controllers of RS-V/RS-N series.

Insulation: class B.

Ingress protection rating: IP44.

Service life: 10 years.

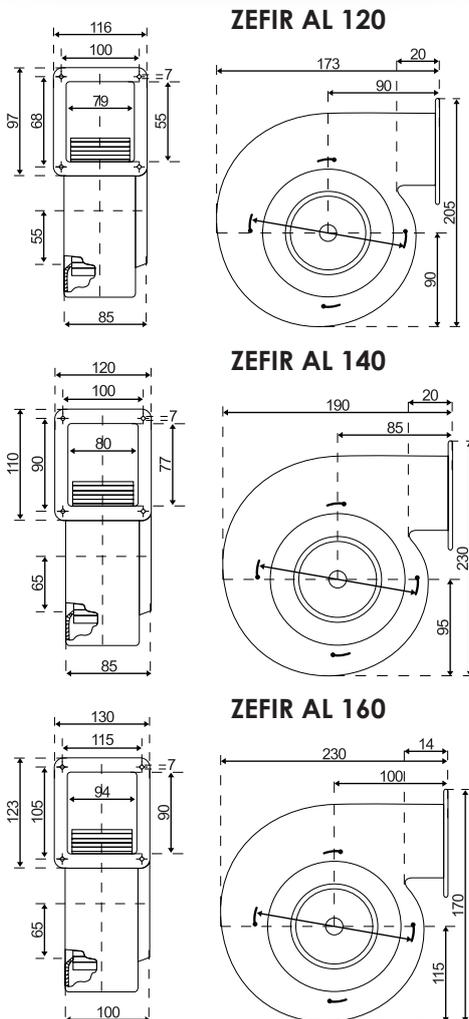


Aluminium



Warranty

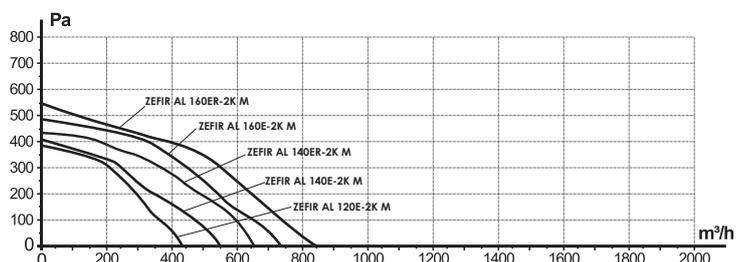
Overall dimensions



Technical specifications

Specifications	ZEFIR AL				
	120E-2K M	140E-2K M	140ER-2K M	160E-2K M	160ER-2K M
Voltage, V	220	220	220	220	220
Power consumption, W	90	130	165	173	185
Current consumption, A	0,4	0,53	0,60	0,80	0,85
Frequency, Hz	50				
Capacitor, µF/Volt	2,5/400	2,5/400	2,5/400	4/400	4/400
Rotation frequency, RPM	2450	2410	2390	2320	2285
Capacity, m ³ /h	395	550	660	730	850
Noise Level, dB(A) (at a 3m distance)	60	67	69	72	74
Pressure, Pa	240	410	440	490	550
Weight, Kg	2,28	2,65	2,86	3,45	3,5

Performance curve



Radial fans

VORTEX



Right-hand position



Left-hand position

Capacity characteristics range from 600 m³/h to 2650 m³/h.

Designed for arrangement of zonal and general supply-exhaust ventilation systems with an advanced ductwork.

Powder-coated corrosion resistant casing is made of cold-rolled steel (CRS).

Equipped with a forward bladed impeller made of galvanized steel.

Implemented with a metal mesh protecting the input flange against intrusion.

Capacity and air pressure regulation is possible with speed controllers with current intensity of 2,0-5,2A.

Service life: 10 years.

Insulation: class B.

Ingress protection rating: IP44.



STEEL
Steel



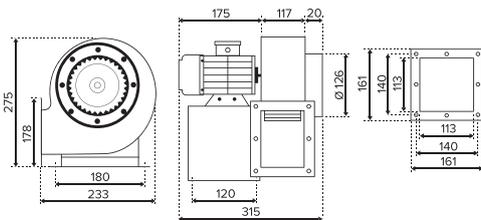
2
Warranty



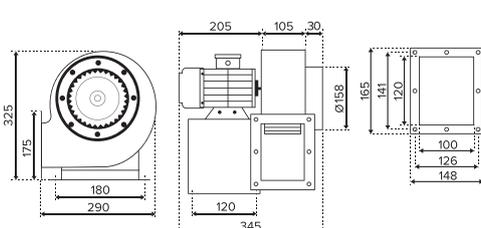
IP44
Ingress protection rating

Overall dimensions

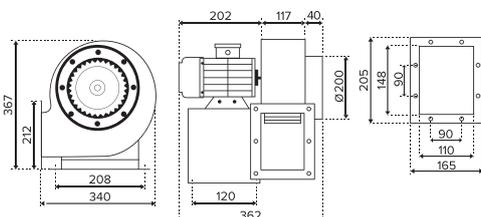
VORTEX-140



VORTEX-200



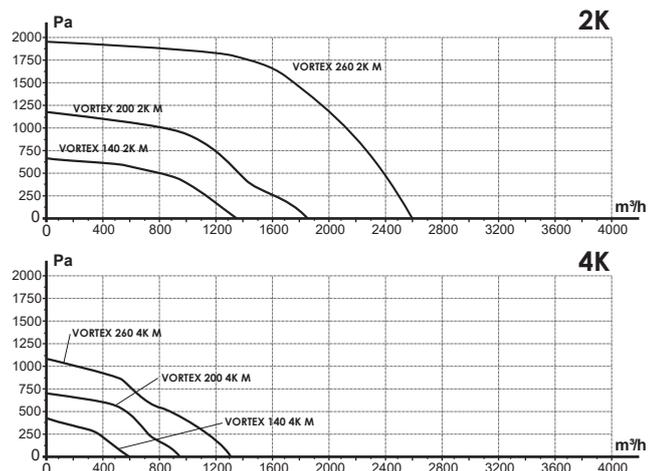
VORTEX-260

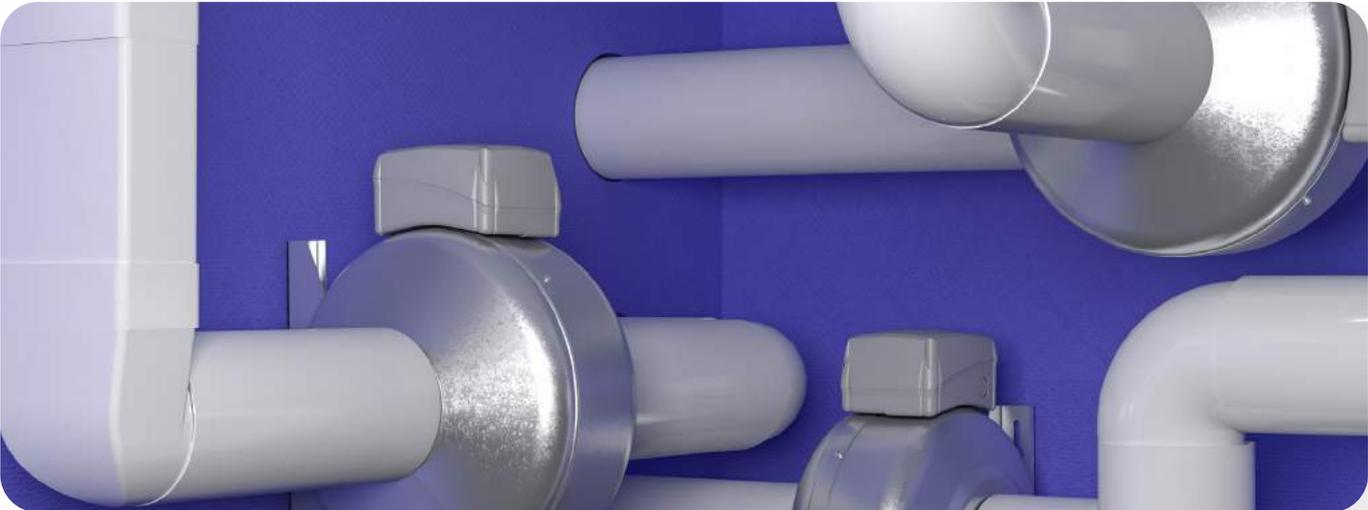


Technical specifications

Specifications	VORTEX					
	140 (L. R)		200 (L. R)		260 (L. R)	
	2K M	4K M	2K M	4K M	2K M	4K M
Voltage, V	220	220	220	220	220	220
Power consumption, W	370	300	370	300	750	350
Current consumption, A	2,60	2,00	2,60	2,00	5,20	1,20
Frequency, Hz	50					
Capacitor, F/volt	5/400	4/400	5/400	4/400	30/500	7/400
Rotation frequency, RPM	2800	1400	2800	1400	2800	1400
Capacity, m ³ /h	1350	600	1850	950	2500	1300
Noise Level, dB(A) (at a 3m distance)	50	43	53	45	53	50
Pressure, Pa	670	450	1190	700	1900	1100
Weight, Kg	8,00	7,9	9,15	9,00	10,25	10,15

Performance curve





Options



For exhaust ventilation only



For supply and exhaust ventilation systems



Air-flow control



Inclined shutters make the ventilation shaft hole invisible



Straight shutters for better performance characteristics



Insect net prevents mosquito intrusion and protects from dust and dirt



Plastic mesh protects from foreign objects intrusion



Mounting with flange



Mounting with glue



Mounting with screws



Aluminium



Galvanized steel



Stainless steel



Steel



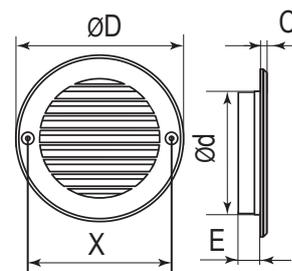
ASA-plastic

RK

Round ventilation grille with flange



Hole plugs for RK, RKN and RKS grilles are included into the kit.



Overall dimensions

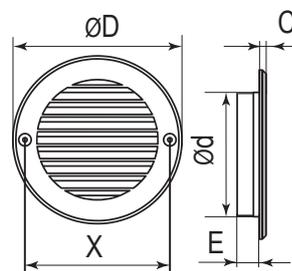
Item code	d	D	E	C	K	X
10RK	100	136	17,6	5,5	0,46	116
12RK	125	161	17,6	5,5	0,52	141
15RK	150	186	17,6	5,5	0,42	166
16RK	160	196	17,6	5,5	0,42	176

K - flow section ratio.

RK is equipped with inclined shutters making the ventilation shaft hole invisible. Compatible with VP round plastic ducts (jointed with flange).

RKN

Outdoor ventilation grille with flange



Overall dimensions

Item code	d	D	E	C	K	X
10RKN	100	136	17,6	5,5	0,46	116
12RKN	125	161	17,6	5,5	0,52	141
15RKN	150	186	17,6	5,5	0,42	166
16RKN	160	196	17,6	5,5	0,42	176

K - flow section ratio.



Color range

Ivory

Terracotta

Grey

Brown



RKN ventilation grille is made of temperature and UV-resistant ASA-plastic suitable for outdoor mounting. The device is equipped with inclined shutters. Junction with vent ducts is done with flange.

RKS

Round ventilation grille with plastic mesh and flange

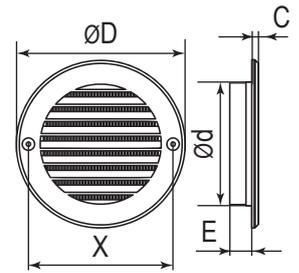


2 pcs 3x30 self-tapping screw



2 pcs 5x30 nail plug

Hole plugs for RK, RKN and RKS grilles are included into the kit.



Overall dimensions

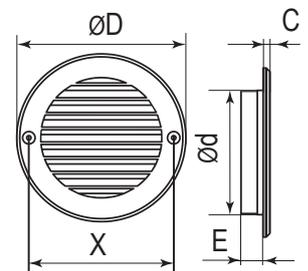
Item code	d	D	E	C	K	X
10RKS	100	136	17,6	5,5	0,46	116
12RKS	125	161	17,6	5,5	0,52	141
15RKS	150	186	17,6	5,5	0,42	166
16RKS	160	196	17,6	5,5	0,42	176

K - flow section ratio.

The main feature of RKS grilles is a higher durability plastic mesh.

ARK

Round ventilation grille with flange



Overall dimensions

Item code	d	D	E	C	K	X
10ARK	100	136	17,6	5,5	0,46	116
12ARK	125	161	17,6	5,5	0,52	141
15ARK	150	186	17,6	5,5	0,42	166
16ARK	160	196	17,6	5,5	0,42	176

K - flow section ratio.

ARK round ventilation grille is used for decoration of outputs of supply and exhaust ventilation systems. The device is equipped with a mounting flange for junction with round vent ducts. Inclined shutters make the ventilation shaft hole invisible and aesthetic-looking.



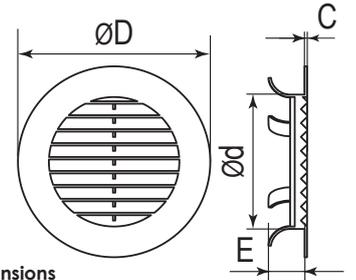
ARK ventilation grille mounted with VP air duct.

RKL

Round ventilation grille



RKL ventilation grille mounted with VP air duct.



Overall dimensions

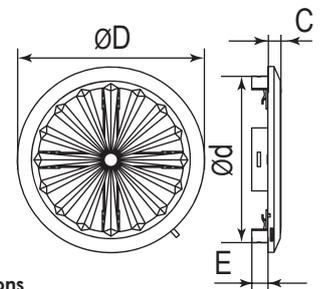
Item code	d	D	E	C	K
10RKL	88	125	25	1,6	0,46

K - flow section ratio.

Special fixing elements of RKL grille allow easy junction with round ducts without any extra mounting means. Easy in maintenance. Have a single-component design.

RKU

Universal adjustable round ventilation grille

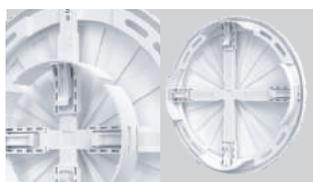


Overall dimensions

Item code	d	D	E	C	K
10RKU	90-160	180	15,5	12,6	0,47

K - flow section ratio.

RKU design allows easy air-flow control. Depending on at what height the device is mounted into the wall, the air adjustment is done with a pull-cord or a special flap.



Adjustable flange (Ø from 90 to 160 mm).

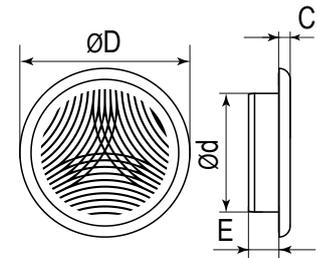


RPKF

Detachable round ventilation grille with flange



RPKF ventilation grille mounted with VP air duct.



Overall dimensions

Item code	d	D	E	C	K
10RPKF	100	143	26,5	9,5	0,6
12,5RPKF	125	164	52,5	9,5	0,6
15RPKF	150	200	52,5	9,5	0,6
16RPKF	160	200	52,5	9,5	0,6

K - flow section ratio.

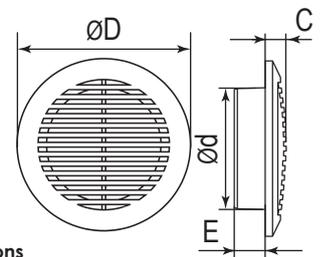
RPKF has a non-conventional design and is equipped with a mounting flange for junction with round vent ducts. The grille panel is easily detached from the body for easy maintenance.

RKF

Detachable round ventilation grille with flange



RKF ventilation grille mounted with VP air duct.



Overall dimensions

Item code	d	D	E	C	K
10RKF	100	145	25,5	16	0,42
12RKF	120	165	25,5	16	0,47

K - flow section ratio.

RKF consists of two separate parts: a detachable grille panel and a flange making the maintenance process fast and easy as there's no need to dismantle the whole device out of the wall. Just split the grille panel off the frame.

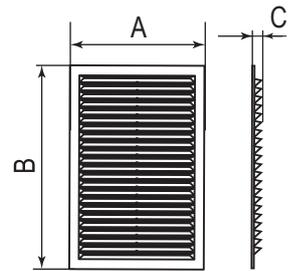
RKF has the shortest flange as compared with other detachable round ventilation grilles. It allows mounting the device into narrow ventilation shafts.

S

Ventilation grille with insect net



Color range
Beige Brown



Overall dimensions

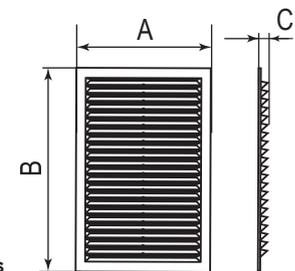
Item code	A	B	C	K
1318S	138	188	7,6	0,47
1828S	185	285	7,6	0,46
2828S	285	285	7,6	0,47
3838S	385	385	7,6	0,47
1122S	113	217	8,5	0,47
1313S	138	138	7,6	0,46
1708S	171	81	8,5	0,47
1724S	171	241	7,6	0,47
1919S	195	195	7,6	0,46
2323S	235	235	7,6	0,46

K - flow section ratio.

S grille is the slimmest in the range (only 8 mm thick). Color range also includes brown and beige for easy matching the device into interior. Some sizes are released without insect net (1708S and 1122S).

AC

Ventilation grille with insect net



Overall dimensions

Item code	A	B	C	K
A1313C	138	138	7,6	0,46
A1919C	195	195	7,6	0,47
A2323C	235	235	7,6	0,46
A1724C	171	241	7,6	0,47
A1708C	171	81	8,5	0,47
A2211C	217	113	8,5	0,47

K - flow section ratio.

AC grille is made of polystyrol plastic, non-resistant to UV-radiation. It is recommended to install the device into premises that prevent direct contact with sunlight, e.g. basements and utility rooms. Some sizes are released without insect net (A1708C and A2211C).

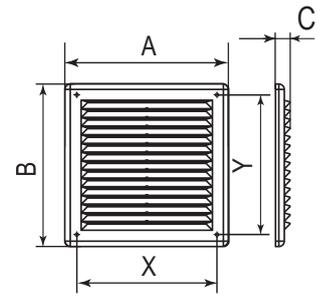
R

Detachable ventilation grille with insect net



Color range

Beige Brown



Overall dimensions

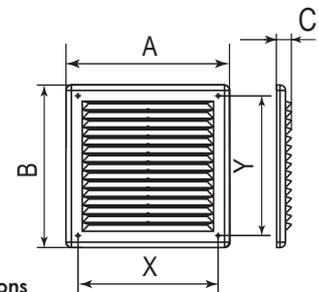
Item code	A	B	X	Y	C	K
1520R	150	200	126	176	13,9	0,46
2030R	200	300	174	274	13,8	0,47
3030R	300	300	274	274	13,8	0,47
4040R	400	400	374	374	13,5	0,46
1515R	150	150	126	126	13,2	0,46
1825R	185	255	159	229	13,5	0,47
2121R	209	209	180	180	13,5	0,47
2525R	250	250	224	225	15,5	0,46

K - flow section ratio.

R ventilation grille is not applied to the wall or ceiling directly but inserted into a special frame fixed on the surface. It allows fast and easy maintenance.

AR

Detachable ventilation grille with insect net



Overall dimensions

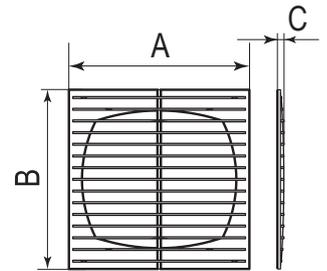
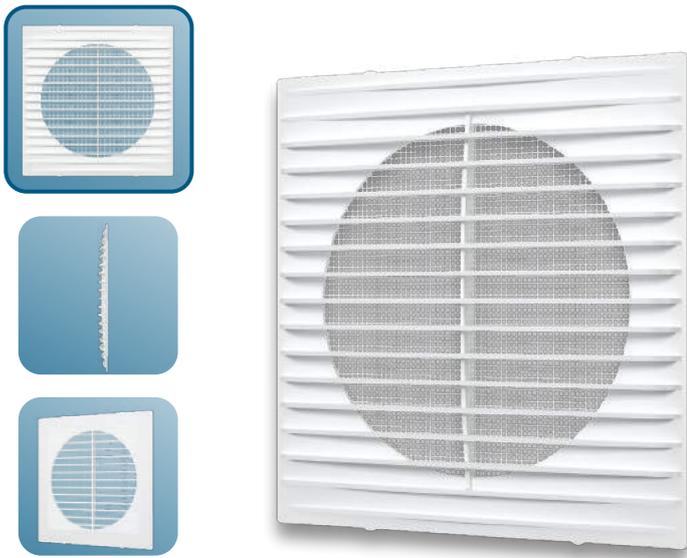
Item code	A	B	C	X	Y	K
A1515R	150	150	13,2	126	126	0,46
A1825R	185	255	13,5	159	229	0,47
A2121R	209	209	13,5	180	180	0,46
A2525R	250	250	16	224	224	0,47

K - flow section ratio.

Detachable design of AR grille allows easy maintenance. The grille panel is dismantled from the main frame mounted onto the wall. The device is made of polystyrol plastic, non-resistant to UV-radiation. It is recommended to install AR into premises that prevent direct contact with sunlight.

G

Ventilation grille with insect net



Overall dimensions

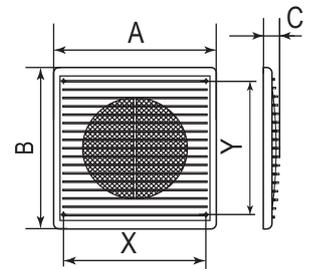
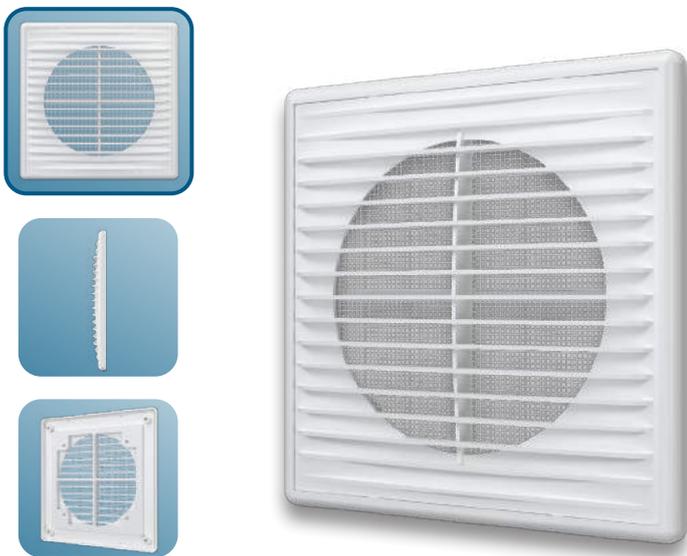
Item code	A	B	C	K
1313G	138	138	11	0,8
1724G	170	240	13	0,8
1919G	194	194	12	0,8

K - flow section ratio.

G grille is equipped with straight shutters for better performance characteristics as compared with inclined-shuttered devices. The device is recommended to be installed into premises where a more intensive ventilation is needed. The device is 11-13 mm thick. Closed design of the grille panel edge decorates the ventilation output.

P

Detachable ventilation grille with insect net



Overall dimensions

Item code	A	B	C	X	Y	K
1515P	150	150	17	126	126	0,8
1825P	183	253	20	159	228	0,8
2121P	209	209	20	183	183	0,8

K - flow section ratio.

Detachable design of P grille allows easy maintenance. Equipped with straight shutters and suits for mounting in premises where a more intensive ventilation is needed, e.g. kitchens and bathrooms.



P ventilation grille mounted with screws.

RC

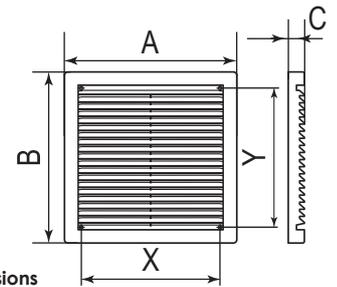
Cylindric-shaped ventilation grille with insect net



Color options
Ivory



The biggest RC size in the range is 44x44cm



Overall dimensions

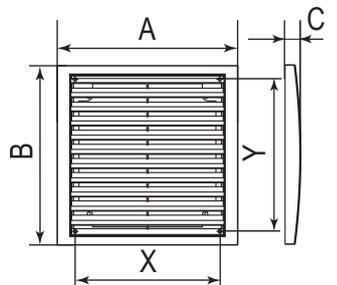
Item code	A	B	X	Y	C	K
1515RC	150	150	106	111	11	0,8
1520RC	150	200	106	162	11	0,8
1825RC	180	250	141	213	14	0,8
2020RC	200	200	161	163	16	0,8
2525RC	250	250	211	213	16	0,8
2030RC	200	300	161	263	16	0,8
3434RC	340	340	300	300	17	0,58
4444RC	440	440	400	400	19	0,61

K - flow section ratio.

RC ventilation grille has an exclusive cylindrically-incurved shape of the grille panel. The device is also distinct for a wide size range and suits for wide ventilation outputs.

RR

Detachable ventilation grille

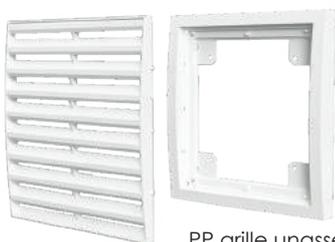


Overall dimensions

Item code	A	B	X	Y	C	K
1515RR	150	150	120	120	16,4	0,6
1825RR	180	250	132	206	17	0,6
2020RR	200	200	160	169,5	17,3	0,6
2030RR	200	300	152	256	23	0,66
2525RR	250	250	202	206	17	0,68
3535RR	350	350	302	306	22	0,78
4040RR	400	400	375	375	25	0,6

K - flow section ratio.

Detachable design of RR grille allows easy dismantling and maintenance (except for 4040RR). The device consists of two separate parts: a detachable grille panel and a frame mounted onto the wall or ceiling. Equipped with inclined shutters. Compatible with 1111F10 and 1616F12 flanges (purchased separately).



PP grille unassembled.

RRP

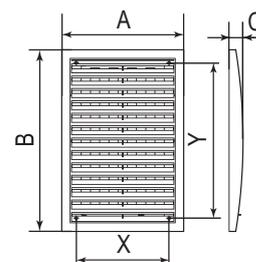
Detachable ventilation grille with air-flow control



Color options



Ivory



Overall dimensions

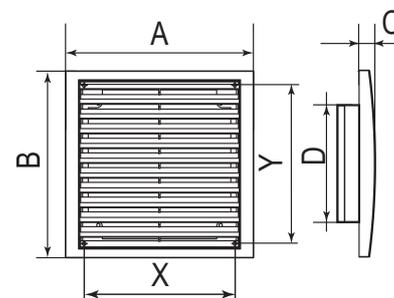
Item code	A	B	X	Y	C	K
1515RRP	150	150	120	120	16,4	0-0,26
1825RRP	180	250	132	206	17	0-0,30
2020RRP	200	200	160	169,5	17,3	0-0,26
2030RRP	200	300	152	256	23	0-0,30
2525RRP	250	250	202	206	17	0-0,30
3535RRP	350	350	302	306	22	0-0,35

K - flow section ratio.

RRP ventilation grille is equipped with inclined shutters and a movable section for air-flow control. The air-flow intensity is controlled with a special flap.

RRPF

Detachable ventilation grille with air-flow control and flange



Overall dimensions

Item code	A	B	X	Y	C	D	K
1515RRP10F	150	150	120	120	16,4	100	0-0,26
2020RRP12,5F	200	200	160	169,5	17,4	125	0-0,26
2020RRP15F	200	200	160	169,5	17,4	150	0-0,26

K - flow section ratio.

Double layer shutters of vertical and horizontal placement:

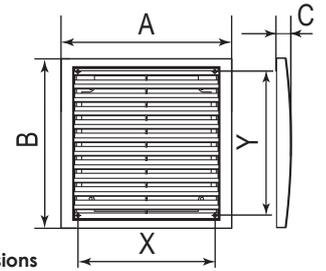
First layer: horizontal static inclined shutters for preventing dirt and dust intrusion;

Second layer: vertical adjustable shutters with an adjusting flap for air-flow control.

Mounting holes for in-duct installation with screws.

RRN

Detachable ventilation grille



Overall dimensions

Item code	A	B	X	Y	C	K
1515RRN	150	150	120	120	16,4	0,6
1825RRN	180	250	132	206	17	0,6
2020RRN	200	200	160	169,5	17,3	0,6
2030RRN	200	300	152	256	23	0,66
2525RRN	250	250	202	206	17	0,68
3535RRN	350	350	302	306	22	0,78

K - flow section ratio.



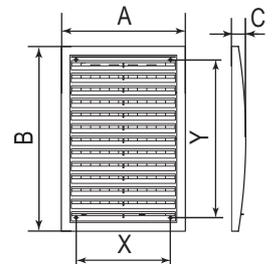
Color range



RRN grille suits for being installed outdoors as it is made of ASA-plastic resistant to atmospheric precipitation impact, UV-radiation, and temperature changes. The device can also be used for interior decoration. RRN is released in standard white, grey and brown colors for matching the grille into any wall color or interior design.

RRPN

Detachable ventilation grille with air-flow control



Overall dimensions

Item code	A	B	X	Y	C	K
1515RRPN	150	150	120	120	16,4	0-0,26
1825RRPN	180	250	132	206	17	0-0,30
2020RRPN	200	200	160	169,5	17,3	0-0,26
2030RRPN	200	300	152	256	23	0-0,30
2525RRPN	250	250	202	206	17	0-0,30
3535RRPN	350	350	302	306	22	0-0,35

K - flow section ratio.



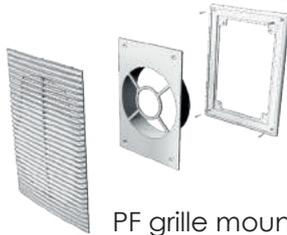
Color options



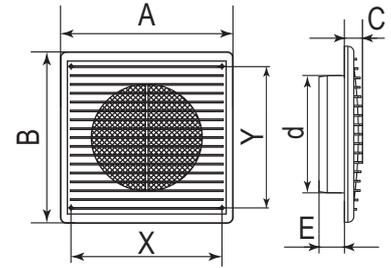
RRPN grille is equipped with a special mechanism for air-flow control. An adjusting flap allows to limit or close completely air supply or air exhaust. The device consists of four completely detachable elements.

PF

Detachable ventilation grille with flange



PF grille mounted with screws.



Overall dimensions

Item code	A	B	X	Y	C	E	d	K
1515P10F	150	150	126	126	17	24	100	0,73
1825P12F	183	253	159	228	20	29	125	0,75
2121P12F	209	209	183	183	20	29	125	0,75

K - flow section ratio.

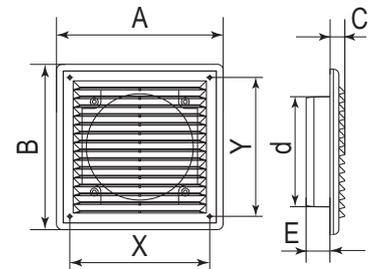
PF grille is equipped with straight shutters for better performance characteristics. Detachable design makes the maintenance process fast and easy as there's no need to dismantle the whole device out of the wall. Mounting flange allows junction with round ducts. PF grilles are also compatible with BLOW and WAY inline fans.

RF

Detachable ventilation grille with flange



RF ventilation grille mounted with VP round duct. Mounting is carried out using screws.



Overall dimensions

Item code	A	B	X	Y	C	E	d	K
1515R10F	150	150	126	126	16	24	100	0,46
1825R12F	183	253	159	228	16	29	125	0,47
2121R12F	209	209	183	183	16	29	125	0,47

K - flow section ratio.

RF ventilation grille is mounted with round plastic ducts by means of flange. Detachable design makes the maintenance process fast and easy as there's no need to dismantle the whole device out of the wall. Just split the grille panel off the frame. Inclined shutters make the ventilation shaft hole invisible.

3013,5 DP Ventilation grille



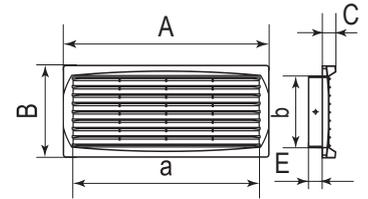
Color range



Beige



Brown



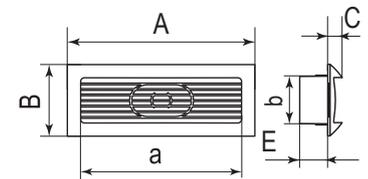
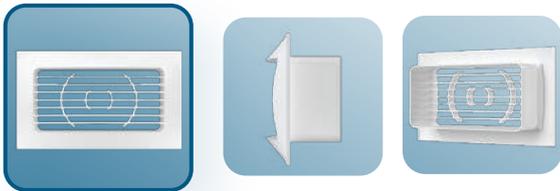
Overall dimensions

Item code	A	B	a	b	C	E	K
3013,5DP	300	135	275	105	19,5	20	0,47

K - flow section ratio.

Equipped with inclined shutters. Released in standard white, beige and brown colors.

RSF Ventilation grille with flange



Overall dimensions

Item code	A	B	b	a	C	E	K
511RSF	140	85	55	110	18	35	0,8
612RSF	150	90	60	120	17	35	0,8
620RSF	234	90	60	204	17	35	0,8

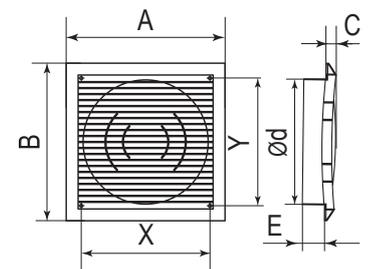
K - flow section ratio.

The device has a single-component design and is equipped with straight shutters. Mounted with rectangular ducts by means of flange.

RSF Ventilation grille with flange



Possible mounting RSF mounted with VP round ducts.



Overall dimensions

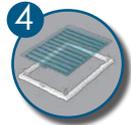
Item code	A	B	X	Y	d	E	C	K
1515RS10F	150	150	113	113	100	29	15	0,8
1717RS12,5F	170	170	132	132	125	29	14	0,8
2020RS16F	200	200	162	162	160	29	13	0,8

K - flow section ratio.

The device has a single-component design. Mounted directly with round ducts by means of flange. Equipped with straight shutters.

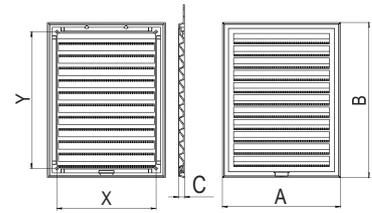
RZN

Detachable ventilation grille with plastic mesh



Possible mounting

Detachable design allows easy maintenance



Overall dimensions

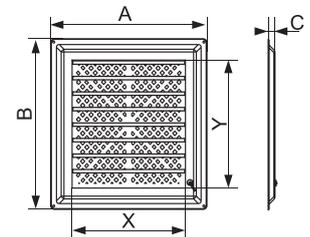
Item code	A	B	X	Y	C	K
2015RZN	150	200	126	176	7,2	0,47
1520RZN	200	150	176	126	7,2	0,47
2030RZN	200	300	176	276	7,2	0,47
3020RZN	300	200	276	176	7,2	0,47
3040RZN	302	402	276	376	10,5	0,47
4030RZN	402	302	376	276	10,5	0,47

K - flow section ratio.

Grilles for supply-exhaust ventilation systems. Made of high-quality plastic. RZN consists of two separate parts: a detachable grille panel with plastic mesh and a frame. Easy maintenance is guaranteed as the grille is dismantled by clicking off a special plastic lock with a screwdriver.

AIRVENT

Adjustable ventilation grille with shutters



Overall dimensions

Item code	A	B	X	Y	C	K*
2828AVp	281	281	171	171	16,8	0-0,32
3540AVp	349	399	237	287	17	0-0,35
4044AVp	402	442	295	336	17	0-0,36
4548AVp	452	483	345	375	17	0-0,37

K - flow section ratio.

Air-flow is controlled by changing the shutters angle.

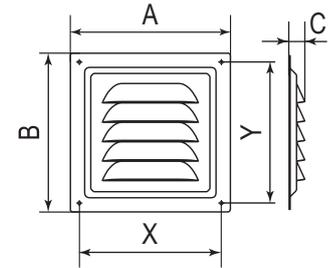
For indoor application at temperatures from -20°C to +60°C.

2 options for mounting:

- fixing with mounting tape;
- mounted with screws.

MC

Galvanized ventilation grille with insect net



Overall dimensions

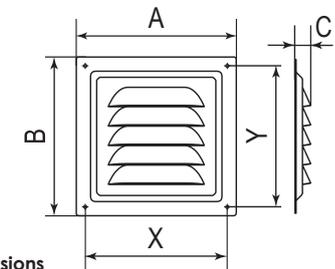
Item code	A	B	X	Y	C	K
1212MC	125	125	111	111	9	0,47
1515MC	150	150	136	136	8	0,47
1530MC	150	300	136	284	8	0,47
2020MC	200	200	186	186	8	0,47
2525MC	250	250	234	234	10	0,47
3030MC	300	300	284	284	13	0,47

K - flow section ratio.

MC is made of galvanized steel. The device is equipped with inclined shutters and insect net for mosquito protection. The insect net is installed into a special cavity.

ME

Polymer-coated ventilation grille with insect net



Overall dimensions

Item code	A	B	X	Y	C	K
1212ME	125	125	111	111	9	0,47
1515ME	150	150	136	136	8	0,47
1530ME	150	300	136	284	8	0,47
2020ME	200	200	186	186	8	0,47
2525ME	250	250	234	234	10	0,47
3030ME	300	300	284	284	13	0,47

K - flow section ratio.

Color range



Ivory

Brown

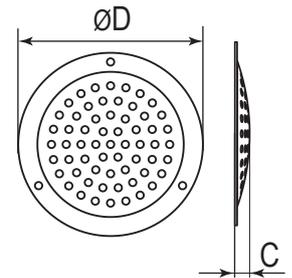
The device is made of galvanized steel and coated with polymeric coating. ME is equipped with inclined shutters and insect net installed into a special cavity for easy replacement.

05DPzn 1/4

Metal overflow ventilation grille



Set of 4 pcs



Overall dimensions

Item code	D	C
05DPzn 1/4	50	4

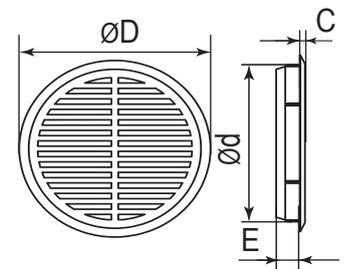
05DPzn 1/4 grille is made of galvanized steel and designed for arranging ventilation in metal cabinets and for heat extraction from built-in appliances (e.g. oven or fridge). Supplied as a set of 4 round pcs. The device is durable, damage-proof, and high-temperature resistant. Suits for mounting onto metal surfaces.

05DP 1/4

Round overflow ventilation grille



Set of 4 pcs



Overall dimensions

Item code	D	d	E	C	K
05DP 1/4	50	44,8	6,2	1,4	0,47

K - flow section ratio.

05DP 1/4 is used for arranging ventilation in closets and wardrobes. Can also be mounted into ceilings. Encourage proper air circulation in confined spaces. Made of plastic, supplied as a set of 4 pcs.

Color range



Beige



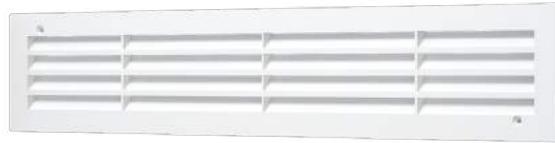
Brown

DP

Overflow ventilation grille



Set of 2 pcs



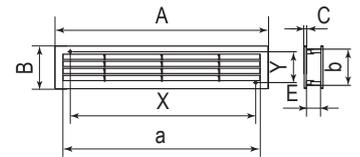
Color range



Beige



Brown



Overall dimensions

Item code	A	B	a	b	X	Y	C	E	K
4409DP	450	91	420	77	392	64,5	4,40	31	0,47
4513DP	450	131	435	117	405	100	2,5	33	0,47

K - flow section ratio.

DP overflow ventilation grille ensures proper air circulation between rooms and premises. The device is mounted into interior doors. It's especially helpful in case of having solid, floor-to-ceiling doors. The minimum thickness of the door panel for mounting is 25 mm (for 4409DP) and 33 mm for 4513 DP. Supplied as a set of two pcs, inserted into the door on both sides and jointed together with special slots. Further fixed with screws or glue.

RP

Detachable overflow ventilation grille



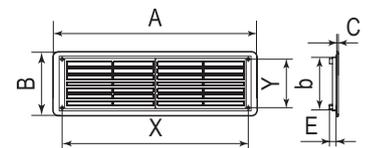
Color range



Beige



Brown



Overall dimensions

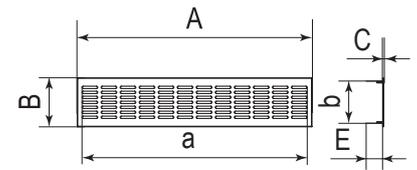
Item code	A	B	b	X	Y	C	E	K
4513RP	455	133	109	416	94	3	15	0,47

K - flow section ratio.

RP ventilation grille is mounted into windowsills and radiator screens for proper radiator heat distribution.

DP AL

Metal overflow ventilation grille



Overall dimensions

Item code	A	B	a	b	C	E	K
4808DP Al	480	80	466	65	1,35	13,65	0,47
4810DP Al	480	100	466	85	1,5	14,5	0,47

K - flow section ratio.



Color range



Champagne



Dark bronze



Silver

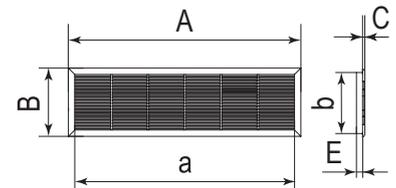
Designed for arranging ventilation in closets and wardrobes. Can also be mounted into ceilings.

Encourage proper air circulation in confined spaces.

Available in standard white, beige and brown colors.

2307 DP

Overflow ventilation grille



Overall dimensions

Item code	A	B	a	b	E	C	K
2307DP	227	67	220	60	6	2,2	0,47

K - flow section ratio.



Color range



Beige



Brown

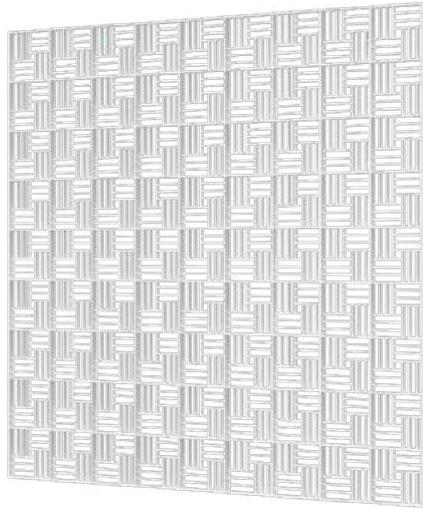
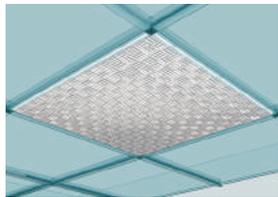
Designed for arranging ventilation in closets and wardrobes. Can also be mounted into ceilings.

Encourage proper air circulation in confined spaces.

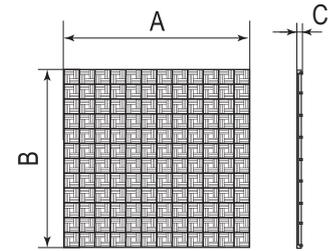
Available in standard white, beige and brown colors.

PDP Fusion

Ventilation grille for ceiling mounting



PDP Fusion grille mounted into Armstrong ceiling



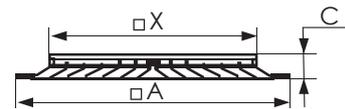
Overall dimensions

Item code	A	B	C
P6060DP Fusion	595	595	12

PDP Fusion is designed for mounting into Armstrong ceilings typical for office premises. Single-component design. Mounting doesn't require any extra tooling as the grille is inserted into the surface as a standard ceiling panel.

CD

Four-way ceiling diffuser

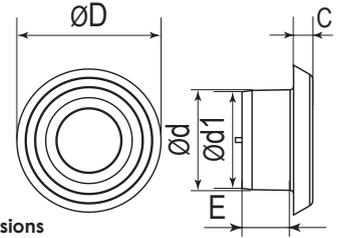


Item code	A	X	C
C3030D4S	295	145	47,5
C3737D4S	370	220	47,5
C4545D4S	445	295	47,5
C5252D4S	520	370	47,5
C6060D4S	595	445	47,5

Four-way ceiling diffuser is designed for air exhaust and fresh air supply and its equal distribution in four directions. Made of aluminium with polymer coating. The device is durable, damage-proof, and corrosion resistant.

APVP

Supply-exhaust adjustable disc valve (anemostat) with flange



Overall dimensions

Item code	D	d	d1	C	E	S
10APVP	145	100	90	17	51	4034
12,5APVP	166	125	110	17	51	5044
15APVP	202	150	140	17	51	5861
16APVP	202	160	140	17	51	6252
20APVP	260	200	185	24	47	7454

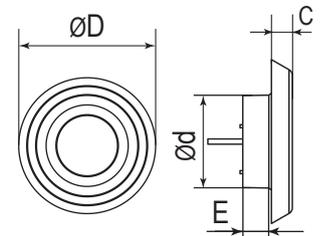
S — maximum airflow space, mm²

APVP, APVP1 and DVL R disc valves are made of plastic and resistant to corrosion.

Rotation of the disc valve part allows easy airflow control.
APVP disc valve is equipped with a flange for junction with round ducts.

APVP1

Supply-exhaust adjustable disc valve (anemostat) without flange



Overall dimensions

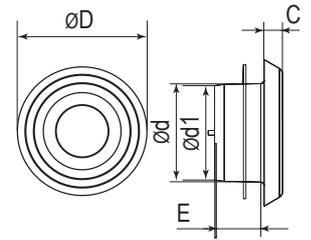
Item code	D	d	C	E	S
10APVP1	145	90	17	28	4034
12,5APVP1	166	110	17	28	5044
15.16APVP1	202	140	17	28	6014
20APVP1	260	185	24	21	7454

S — maximum airflow space, mm²

Rotation of the disc valve part allows easy airflow control.

DVLR

Supply-exhaust adjustable disc valve (anemostat) with flange and locking ring



Overall dimensions

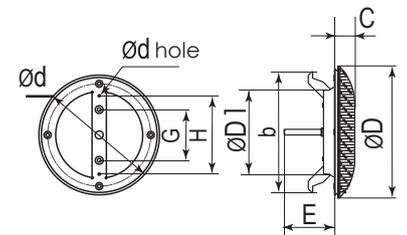
Item code	D	d	d1	C	E	S
10DVLR	145	100	90	17	51	4034
12,5DVLR	166	125	110	17	51	5044
15DVLR	202	150	140	17	51	5861
16DVLR	202	160	140	17	51	6252
20DVLR	260	200	185	24	47	7454

S – maximum airflow space, mm²

Rotation of the disc valve part allows easy airflow control. DVLR is mounted with round ventilation ducts via flange and locking ring.

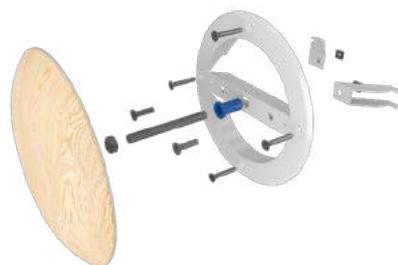
DW

Disc valve (anemostat) with flange and wooden disc part for bathhouses and saunas



Overall dimensions

Item code	ØD	ØD1	Ød	G	H	Ød hole	C	E	b
10DW Pine	140	99	115	57	88	2,6	18	57	-
12,5DW Pine	165	124	140	82	113	2,6	18	57	-
15DW Pine	190	149	165	107	138	2,6	18	57	-
10DW MS Pine	140	99	115	57	88	2,6	18	57	128
12,5DW MS Pine	165	124	140	82	113	2,6	18	57	153
15DW MS Pine	190	149	165	107	138	2,6	18	57	178

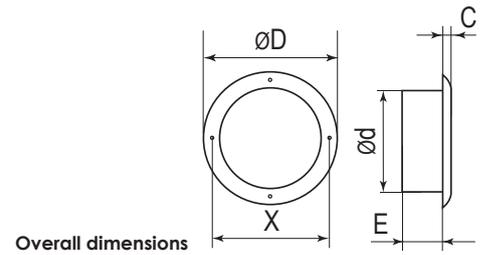


DW MS disc valves are equipped with special fixing elements for easy mounting into ducts.

DW is designed specifically for bathhouses, saunas and wooden houses. The disc part is made of pine wood, while the frame is made of steel making the device high temperature resistant. Can be installed into ventilation shaft or jointed with air ducts. Airflow is controlled by rotating the valve part.

DVM

Exhaust adjustable disc valve (anemostat) with flange



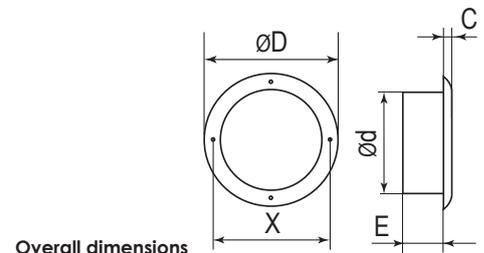
Overall dimensions

Item code	D	d	X	C	E
10DVM	138	97,5	118	8	55
12,5DVM	164	122,5	144	8	55
15DVM	202	147,5	182	8	55
16DVM	211	157,5	191	8	55

DVM is designed for exhaust ventilation systems and mounted into walls or dropped ceilings. Made of steel with polymer coating and can be installed in premises with high temperature environment. Mounted with round ventilation ducts via flange.

DUM

Supply-Exhaust adjustable disc valve (anemostat) with flange



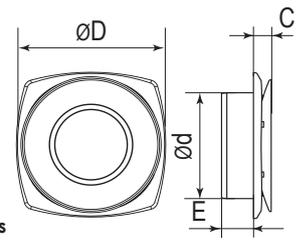
Overall dimensions

Item code	d	D	X	C	E
10DUM	97,5	138	118	8	55
12,5DUM	122,5	164	144	8	55
15DUM	147,5	202	182	8	55
16DUM	157,5	211	191	8	55
20DUM	197,5	250	230	8	55

DUM is made of steel with polymer coating and designed for supply-exhaust ventilation systems and air-heating systems. Can also be installed in premises with high temperature environment. Mounted into walls or dropped ceilings. Airflow is controlled by rotating the valve part.

APP

Supply-Exhaust adjustable disc valve (anemostat) with flange



Overall dimensions

Item code	d	D	C	E	S
10APP	100	165	17,5	55	7850
12,5APP	125	197	17,5	55	9812
16APP	160	234	18,5	55	12560
20APP	200	275	20	55	15700

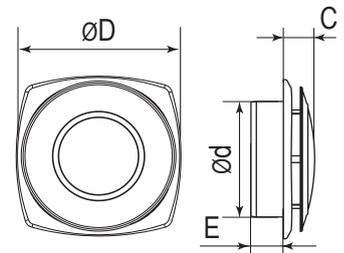
S — maximum airflow space, mm²

APP air distribution is 80% more efficient as compared with ordinary disc valves.

APP is mounted into walls or dropped ceilings. Can also be mounted with round vent ducts via flange. A special aerodynamic design of the valve part provides equal air distribution. Airflow is controlled by rotating the valve part.

AVP

Exhaust adjustable disc valve (anemostat) with flange



Overall dimensions

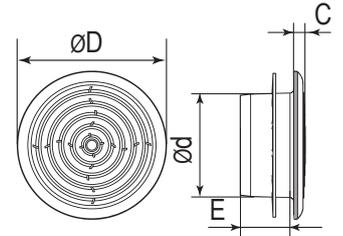
Item code	d	D	C	E	S
10AVP	100	165	24	55	7850
12,5AVP	125	197	27	55	9812
16AVP	160	234	32	55	12560
20AVP	200	275	41	55	15700

S — maximum airflow space, mm²

AVP is designed for exhaust ventilation systems and suits for mounting into walls and dropped ceilings. Also equipped with flange for junction with round ducts. Airflow is controlled by rotating the valve part.

DK

Supply-Exhaust disc valve (anemostat) with flange and locking ring



Overall dimensions

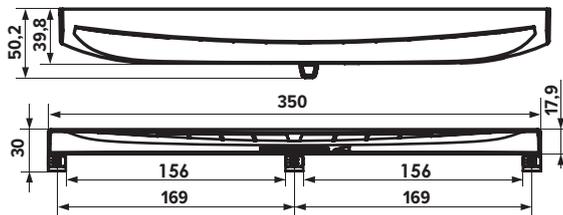
Item code	d	D	C	E	K
10DK	100	143	11	52	0,7
12,5DK	125	164	12	52	0,72
15DK	150	200	13	52	0,75
16DK	160	200	12	52	0,75
20DK	200	244	14	52	0,78

DK is designed for supply-exhaust ventilation systems and suits for mounting into walls and dropped ceilings. A special design of the valve provides equal air distribution. Detachable design allows to extract insect net for easy maintenance.

Equipped with locking ring for mounting with ducts or installation into ceilings.

WV

Window ventilator with filter



Mounting without drilling



Air supply is adjusted with a special slider regulator



Filter blocks off any dust from the outside

Item code

WV350

Installed onto the casement window wing For providing fresh air intake into premises when the windows are closed (mounting kit supplied with the device). 2-year warranty

Fresh air supply valve



Supply valve is designed for fresh air supply in premises with forced ventilation systems. The device consists of a duct with thermal and sound insulation, and filtering elements. Ends up with a grille on the outside, and with an adjusting shutter on the inside.

Overall dimensions

Item code	d	D	D1	B
10KP/KP1			130	-
10KP/KP1 -02	100	165	-	150
10KP/KP1 -04			133	-
10KP/KP1 -05			125	-
12,5KP/KP1			150	-
12,5KP/KP1 -02	125	197	-	212
12,5KP/KP1 -04			162	-
12,5KP/KP1 -05			150	-
16KP/KP1			200	-
16KP/KP1 -02	160	234	-	212
16KP/KP1 -04			192	-
16KP/KP1 -05			185	-

AA KP B-CC

Air duct diameter

Air duct length

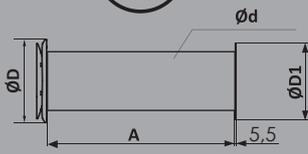
Modification

10 KP 1 - (02;04;05)

Item code	A
...KP..	500
...KP1..	1000

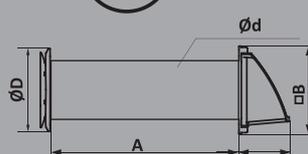
KP – RKN plastic outdoor grille – airflow control device.

ASA



KP-02 – KfV outdoor hood with back-draught shutter - airflow control device.

ASA



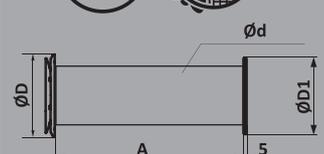
KP-04 – VM metal outdoor hood - airflow control device.

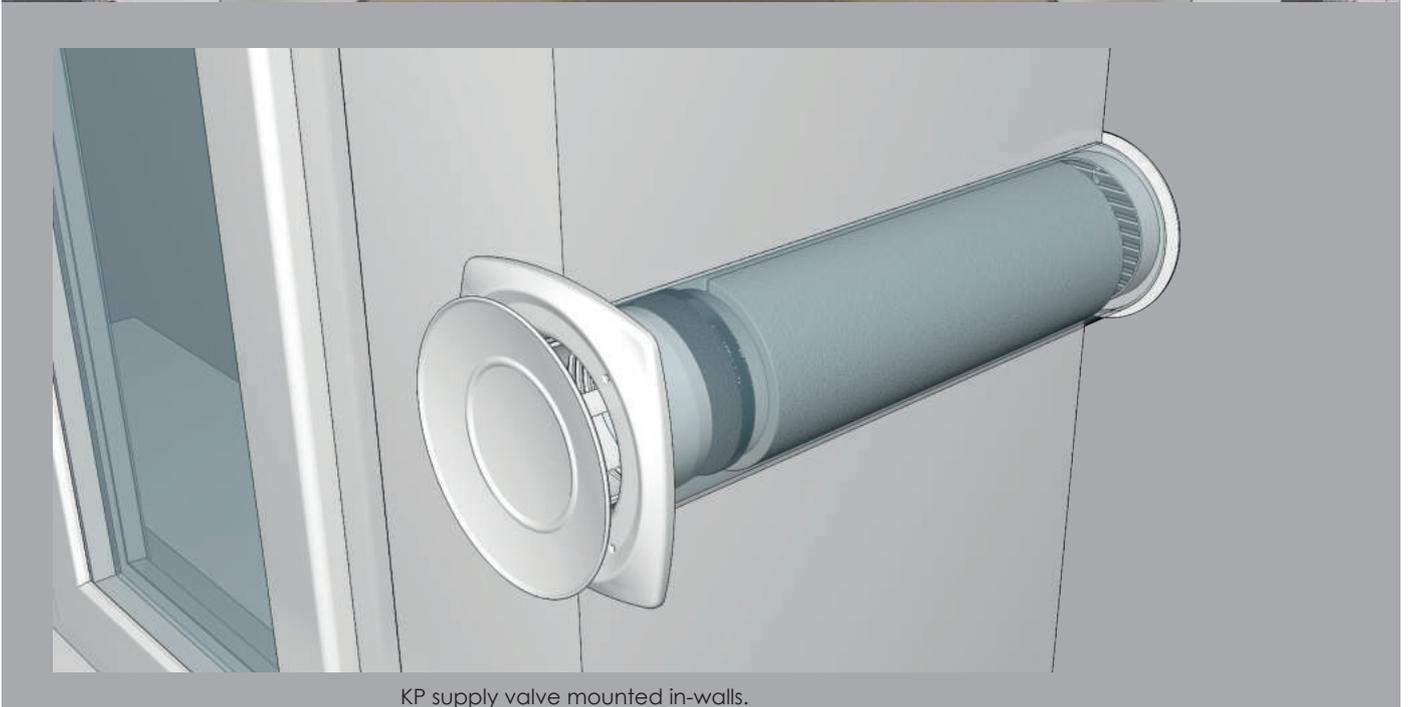
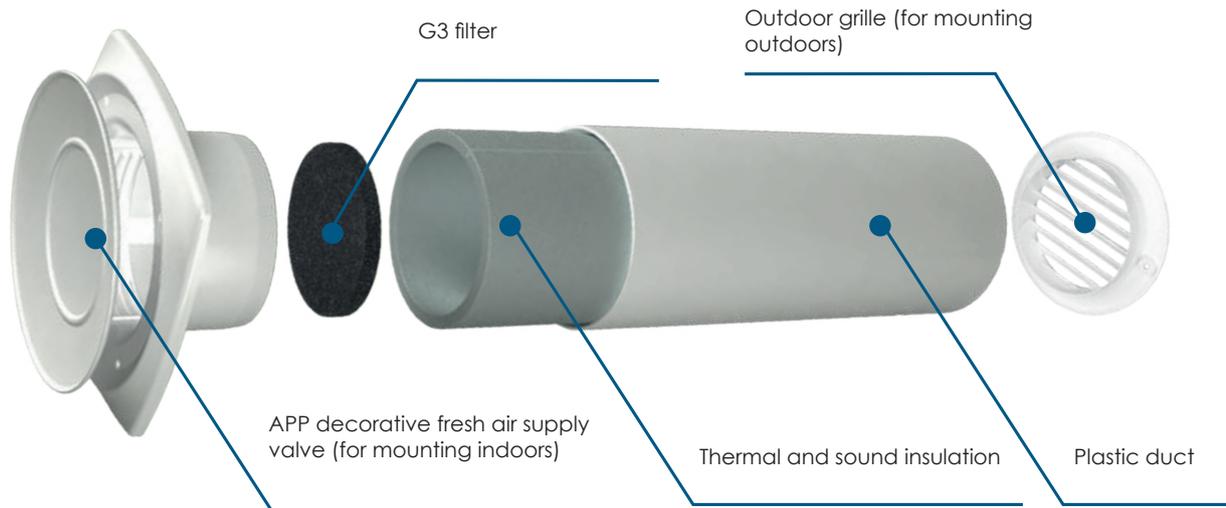
STAINLESS STEEL



KP-05 – RKM aluminium outdoor grille- airflow control device.

AL

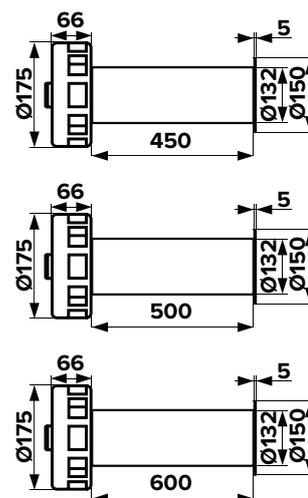




KP supply valve mounted in-walls.

SAV

Fresh air supply valve with a filtering head



A special knob of the filtering head allows to adjust the air flow. If the valve is installed at height, the adjustment is done with a pull-cord. The valve adjustment is done smoothly up to the full closing. The scale on the filtering head indicates the rate of the valve opening.

AAASAVBBB-CC

Air duct diameter Air duct length Modification

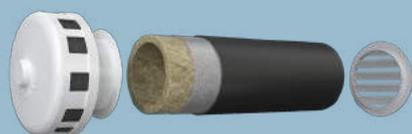
12,5SAV040-01(02;03)

Fresh air supply valve is designed for in-wall mounting in residential and office premises. The device prevents dirt and dust intrusion, stops insects and reduces noise level, bringing fresh air into a room. The necessary duct length is in a range from 400 mm to 1000 mm, with a pitch of 50 mm.

Thermal insulation types

Type 01

Basalt rockwool thermal insulation laminated with reinforced aluminum foil. Possesses better protective properties and has a self-adhesive foil overlap, which simplifies the mounting process.



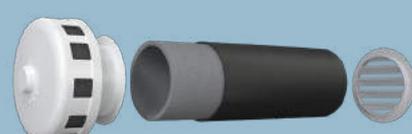
Type 02

Basalt rockwool thermal insulation. Fire-resistant, non-toxic, transpiring material provides proper sound insulation and does not lose the shape with time.



Type 03

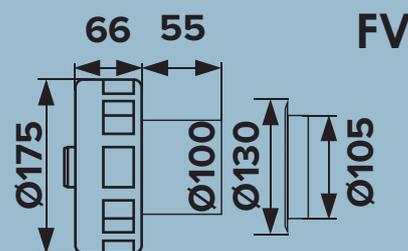
Polyethylene foam thermal insulation. Elastic material with a closed cellular structure possesses better insulating properties and shows high humidity and damage resistance.



Filtering head device



Mounted with round ventilation ducts of 100-125 mm in diameter and used for filtering the air intake. The device also allows to adjust the airflow capacity up to complete cutting the intake off. Adjustment is done by rotating the head. Used in SAV supply valves.

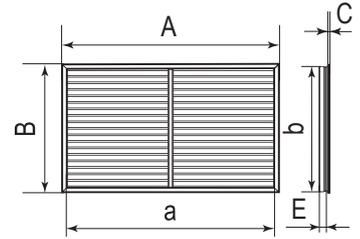


Item code

12,5 FV

PR

PVC decorative radiator screen



Overall dimensions

Item code	A	B	a	b	C	E
P6060R	610	610	600	600	4	25
P6090R	910	610	900	600	4	25
P60120R	1210	610	1200	600	4	25
P60150R	1510	610	1500	600	4	25

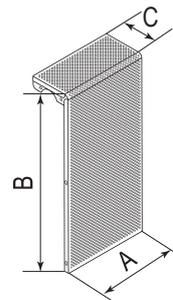
PR decorative radiator screen is mounted into radiator cover. Equipped with inclined shutters making the radiator invisible.

Color range



DMER Perf

Perforated metal decorative radiator screen



Overall dimensions

Item code	Number of sections	A	B	C
3DMER Perf	3	290	610	140
4DMER Perf	4	390	610	140
5DMER Perf	5	490	610	140
6DMER Perf	6	590	610	140
7DMER Perf	7	690	610	140

Color range

Can be customized in a desired color.

DMER Perf screen decorates heating radiator area and supports equal heat distribution. The device has a long service life and does not require extra maintenance. Made of steel with polymer coating.

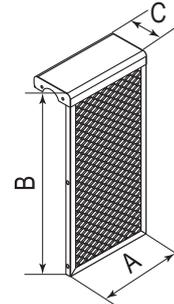
Cell diameter is 4mm

DMER

Perforated metal decorative radiator screen



STEEL



Item code	Number of sections	A	B	C
3DMER	3	290	610	140
4DMER	4	390	610	140
5DMER	5	490	610	140
6DMER	6	590	610	140
7DMER	7	690	610	140

To decorate a heating radiator of a non-standard size, fasten several screens together through special holes at both sidewalls of the device (8mm in diameter). Fastening elements are purchased separately.

Color range

Can be customized in a desired color.

DMER decorative radiator screen is made of steel with polymer coating and filled with expanded mesh. Decorates heating radiator area and supports equal heat distribution.

BG-MER

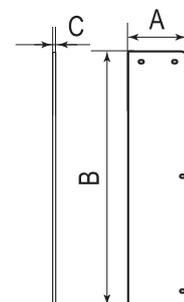
Metal solid sidewall plates for decorative radiator screens



BG-MER



BP-MER



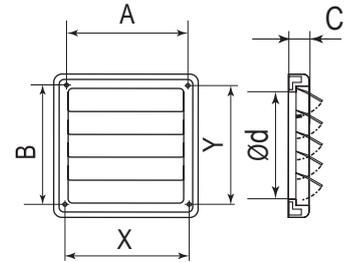
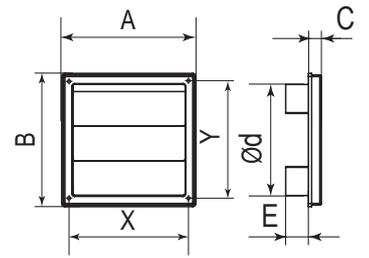
Item code	A	B	C
BG-MER	140	610	0,7

For complete decoration of the heating radiator area and covering it on the sidewalls. Used in set with DMER and DMER perf.



KF

Ventilation grille with gravity louvers



Color range



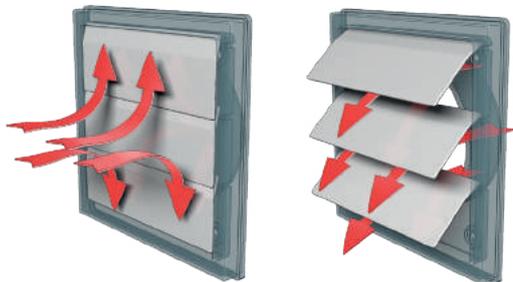
Grey



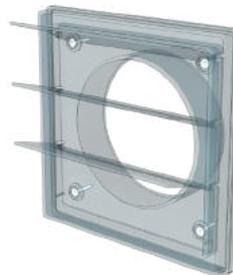
Beige

Overall dimensions

Item code	A	B	X	Y	d	E	C
1515K511F	150	150	105	105	110x55	25	14,5
1515K10F	150	150	105	105	Ø100	25	14,5
1515K12,5F	150	150	105	105	Ø125	25	14,5
1919K15.16F	190	190	145	145	Ø150-160	25	14,5
2424K20F	242	242	215	215	200	-	20
2929K25F	294	294	265	265	250	-	25
3636K31,5F	360	360	325	325	315	-	25
4141K35,5F	410	410	371	371	355	-	25
4646K40F	456	456	415	415	400	-	27



Gravity louvers work as a back-draught shutter preventing back-draft.



KF ventilation grille possible mounting

KF ventilation grille is designed for decoration of outdoor ventilation outputs. Equipped with gravity louvers for back draft protection. KF is made of ASA-plastic resistant to temperature and weather changes.

2424K20F, 2929K25F, 3636K31,5F, 4141K35,5F, 4646K40F are available only in grey.

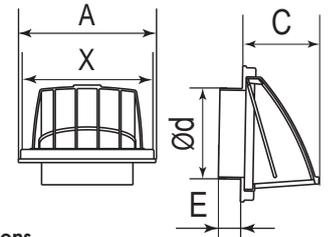


Resistant to temperature and weather changes.



KFV

Outdoor plastic hood with flange and back-draught shutter



Overall dimensions

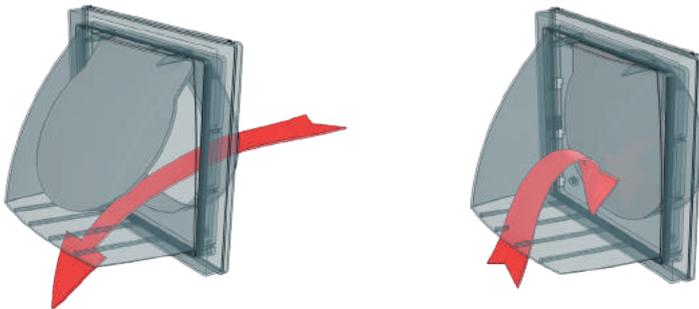
Item code	A	X	d	C	E
1515K10FV	150	105	Ø100	83	25
1515K12,5FV	150	105	Ø125	83	25
1919K15.16FV	190	145	Ø150-160	94	25

KFV plastic hood is designed for decoration of outdoor ventilation outputs. Consists of two elements for fast and easy maintenance. Equipped with a gravity back-draught shutter for back draft protection. KFV is made of UV and weather-resistant ASA-plastic.

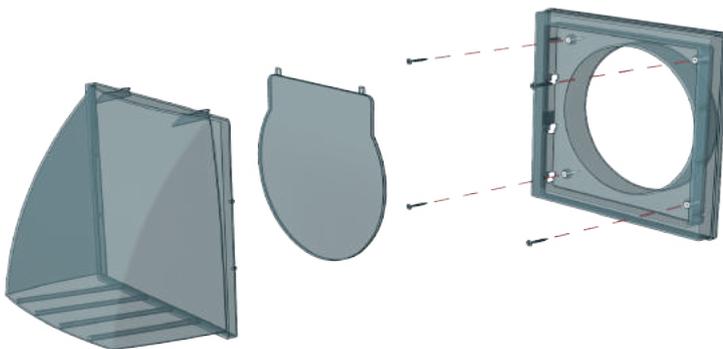
Color range



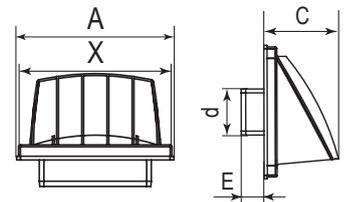
Resistant to temperature and weather changes.



The original design of the gravity valve prevents the occurrence of back draught.



KFV outdoor plastic hood mounted with screws.

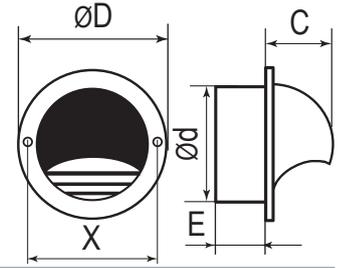


Item code	A	X	d	C	E
1515K511FV	150	105	110x55	83	25



VM

Outdoor metal hood with flange



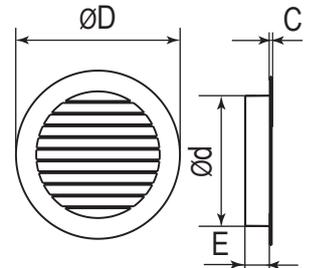
Item code	D	d	X	C	E
10VM	165	100	133	68	52
12,5VM	190	125	162	84	52
15VM	215	150	192	89	62
16VM	215	160	192	89	62

Equipped with a drip collector, an o-ring sealant and stainless still insect net for mosquito protection. A hood part also protects the channel from water intrusion.

VM outdoor metal hood is designed for decoration of outdoor ventilation outputs. Made of stainless steel and mounted to exterior walls. Equipped with a round flange-like connecting branch for mounting with air ducts.

RKM

Outdoor supply-exhaust aluminium ventilation grille with flange



Item code	D	d	C	E	K
10RKM	125	100	5	15	0,46
12,5RKM	150	125	5	15	0,52
15RKM	180	150	5	15	0,42
16RKM	185	160	5	15	0,42
20RKM	225	200	5	15	0,46
25RKM	275	250	5	15	0,48
31,5RKM	350	315	5	15	0,45

RKM ventilation grille is made of aluminium and suits for mounting onto exterior walls. Equipped with a stainless still insect net for mosquito protection. Inclined shutters make the ventilation shaft hole invisible. Jointed with vent ducts via round flange.

TD

Rotary turbine vent



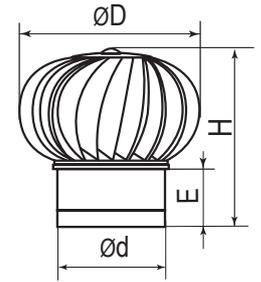
Color range



Can be customized in a desired color.



Rotary turbine vent increases air draught in the ventilation duct, encouraging better air exhaust. Protects the air duct from the unintentional outside elements (leaves, dirt and precipitations) and prevents back draft. Operation is based on a natural weather processes: the stronger the wind, the better the ventilation quality.



Overall dimensions

Item code	d	D	E	H
TD-100	100	260	100	300
TD-110	110	260	100	300
TD-120	120	260	100	300
TD-125	125	260	100	300
TD-150	150	275	100	300
TD-160	160	275	100	300

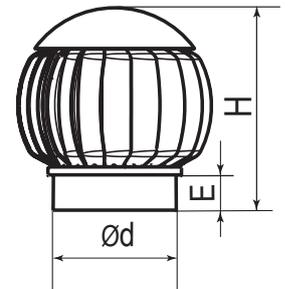
Item code	d	D	E	H
TD-200	200	275	100	300
TD-250	250	390	100	340
TD-300	300	440	100	370
TD-315	315	440	100	370

RRTV

Rotary turbine vent



Color range



Overall dimensions

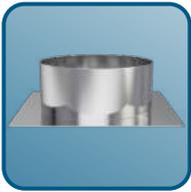
Item code	d	E	H
RRTV160	163	46,2	218,5

Rotary turbine vent is made of high-quality, durable ABS-plastic and equipped with a sealed bearing. Mounted onto roof ventilation outputs and rotates under wind influence, increasing air draught in the ventilation duct. Light weight, high-performance, corrosion-resistant, durable and silent device. Integrated construction level ensures proper mounting and adjustment.

Can be customized in a desired size.

TDPO

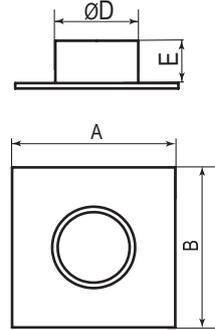
TD turbine vent base



Mounting example of TDPO with TD rotary turbine vent .



Turbine vent bases are available in galvanized steel or stainless steel.



Overall dimensions

Item code	D	E	A	B
TDPO-100	100	90	295	295
TDPO-200	200	90	295	295

Designed for ventilation, air-conditioning and heating systems. Used for connecting rectangular air ducts outputs with rotary turbine vents of the corresponding diameter. Equipped with a mounting branch for junctions with air ducts.

Can be customized in a desired color.

AERO

Roof aerator



Item code

AERO 160 Black

Designed for eliminating extra moisture out of the roof voids. Mounted onto different roofing types of various slope angles. Prevents roof covering damage, extracts moisture and water vapors out of the roof voids. Operation is based on pressure difference caused by airflows.

Can be customized in a desired color.

RRTV+S

Ventilation set for seam and finished bitumen tile roofing



Item code
RRTV+S 160 Green
RRTV+S 160 Blue
RRTV+S 160 Gray Graphite
RRTV+S 160 Crimson
RRTV+S 160 Brown
RRTV+S 160 Silver
RRTV+S 160 Black

Ventilation set is designed for mounting onto seam and bitumen tile roofing. The set includes RRTV rotary turbine vent, VWO insulated ventilation pipe and SPTS pass-through element for seam and bitumen tile roofing.

Can be customized in a desired color.



RRTV+M

Ventilation set for metal tile roofing



Item code
RRTV+M 160 Green
RRTV+M 160 Blue
RRTV+M 160 Gray Graphite
RRTV+M 160 Crimson
RRTV+M 160 Brown
RRTV+M 160 Silver
RRTV+M 160 Black

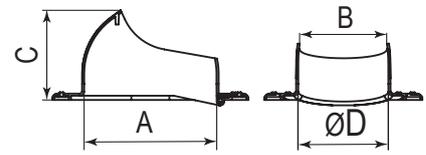
Ventilation set is designed for mounting onto metal tile roofing. The set includes RRTV rotary turbine vent, VWO insulated ventilation pipe and SPTM pass-through element for metal tile roofing.

Can be customized in a desired color.



SPTS

Pass-through element for seam and finished bitumen tile roofing



Item code	A	B	C	D
SPTS	237	153	155	160

Designed as a basis for VWO ventilation pipe. Mounted directly onto the roofing of sloping roofs with a flat surface.

Can be customized in a desired color.

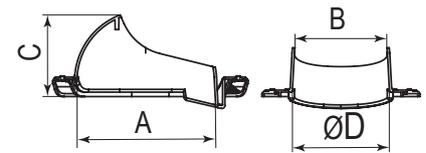


Color range



SPTM

Pass-through element for metal tile roofing



Item code	A	B	C	D
SPTM	234	155	139	164

Designed as a basis for VWO ventilation pipe. Mounted directly onto the finished Monterrey metal tile roofing.

Can be customized in a desired color.

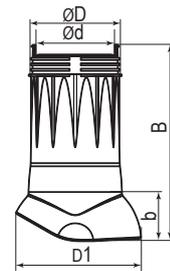


Color range



VWO

Insulated ventilation pipe (output)



Item code	D	d	D1	B	b
VWO 125-160	162	154	161,5	360	90
VWO -1 125-160	162	154	161,5	360	90

Mounted onto the roof. Used in set with RRTV rotary turbine vents. Consists of a galvanized pipe, insulation layer and a high-quality plastic casing. Depending on the roofing type, also used in set with SPTM or SPTS pass-through elements.



Can be customized in a desired color.

RR

Rubber reducer



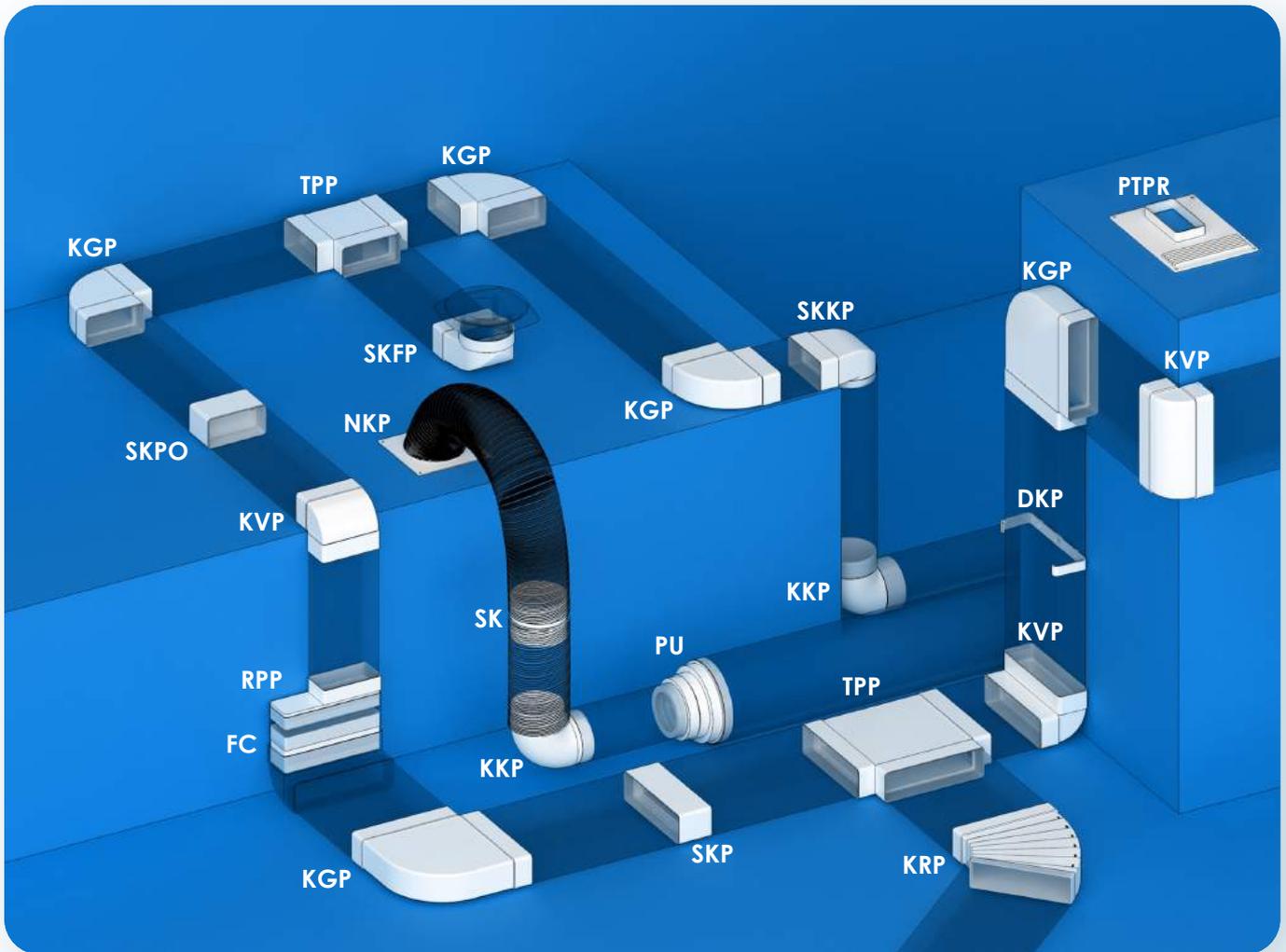
Item code
RR 100-125

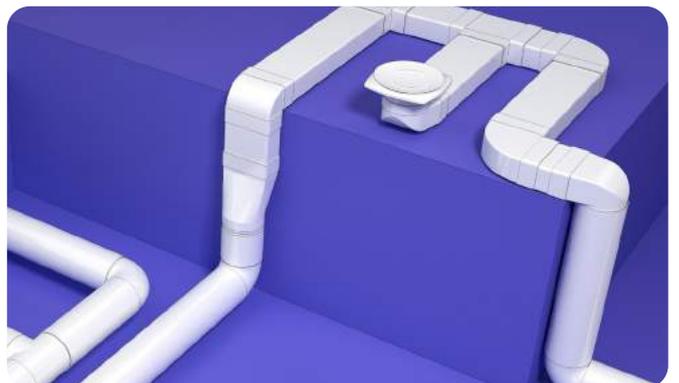
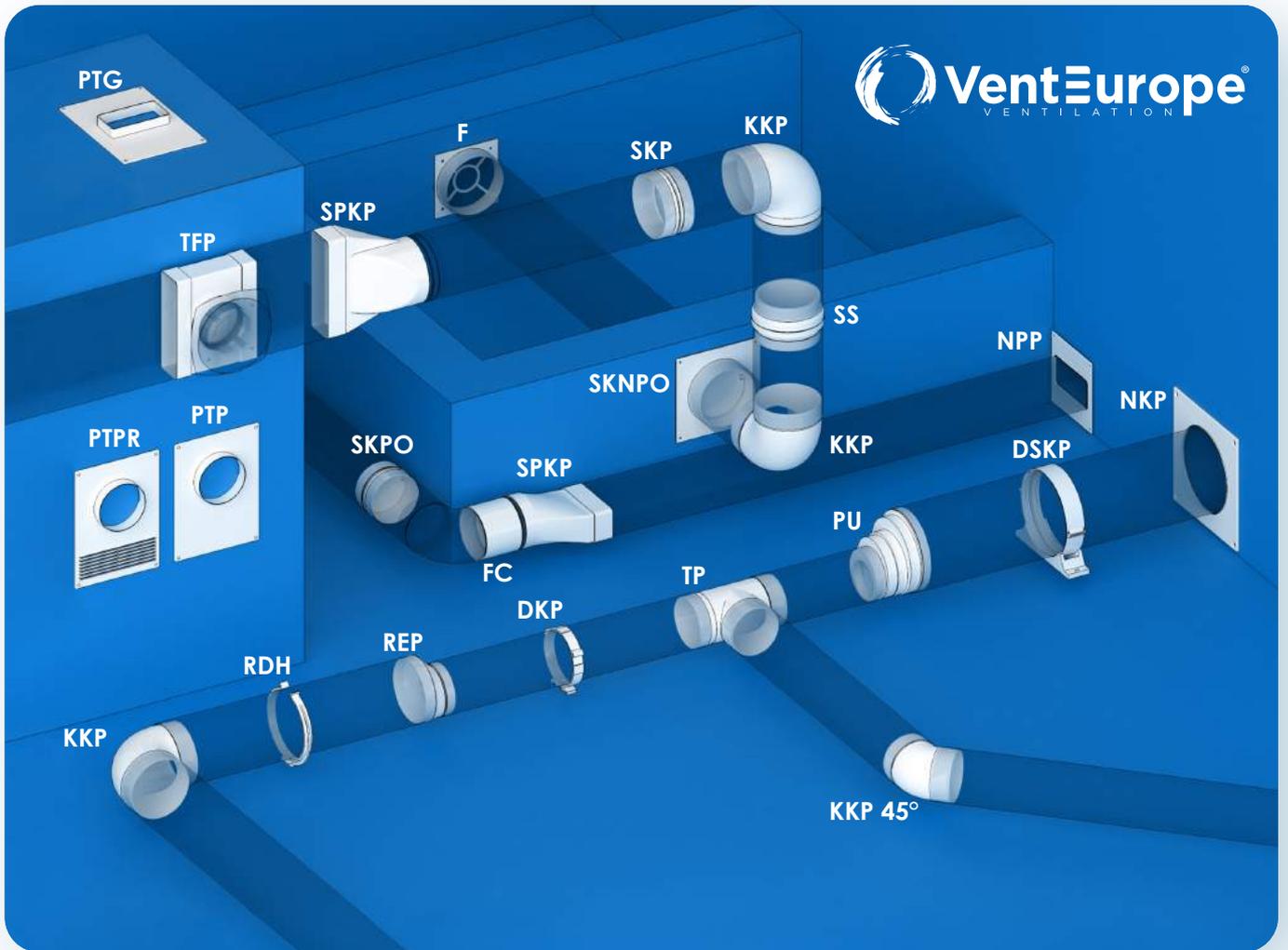
Designed for enabling using RRTV 160 turbine vent with round air ducts of 100-125 mm in diameter. Mounted into the turbine vent mounting branch part and is invisible on the outside. Does not require any extra fastening. Made of PVC. High-temperature resistant.

Can be customized in a desired color.



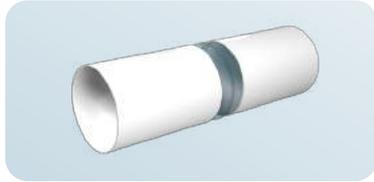
Possible mounting of plastic ducts with fitting elements





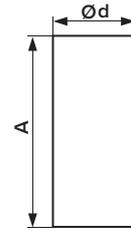


Round ducts



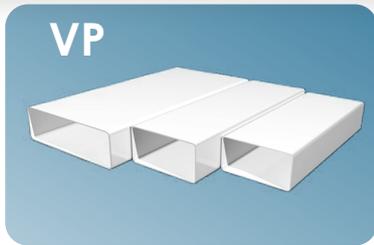
For arranging supply and exhaust ventilation systems. Jointed together with fittings of the corresponding size.

VP round air ducts are released in 4 sizes: Ø100, Ø125, Ø150 and Ø160. Length range: 50cm, 100cm, 150cm and 200cm.

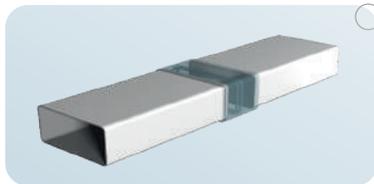


Item code	A	d
10VP	500	100
10VP1	1000	100
10VP1,5	1500	100
10VP2	2000	100
12,5VP	500	125
12,5VP1	1000	125
12,5VP1,5	1500	125
12,5VP2	2000	125
15VP	500	150
15VP1	1000	150
15VP1,5	1500	150
15VP2	2000	150
16VP	500	160
16VP1	1000	160
16VP1,5	1500	160
16VP2	2000	160

Made of PVC **Easy mounting** **Smooth surface inside** **Operating temperature: from -40° to +60° C** **Corrosion resistant**

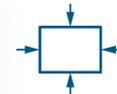
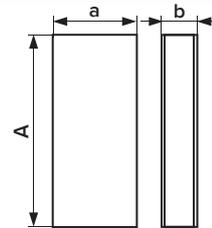


Flat ducts



For arranging supply and exhaust ventilation systems. Jointed together with fittings of the corresponding size and type.

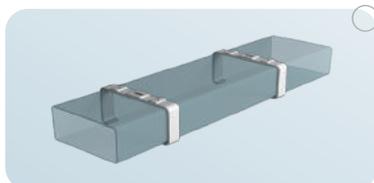
VP flat air ducts are released in 3 sizes: 55 × 110, 60 × 120, 60 × 204. Length range: 50cm, 100cm, 150cm and 200cm.



Item code	A	a	b
511VP	500	110	55
511VP1	1000	110	55
511VP1,5	1500	110	55
511VP2	2000	110	55
612VP	500	120	60
612VP1	1000	120	60
612VP1,5	1500	120	60
612VP2	2000	120	60
620VP	500	204	60
620VP1	1000	204	60
620VP1,5	1500	204	60
620VP2	2000	204	60

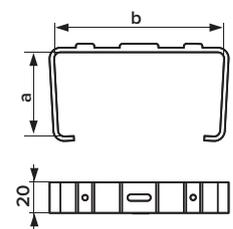


Flat duct holders



For fastening flat ducts of the corresponding size and type to mounting surfaces. Fastening with screws.

DKP duct holder mounted with VP air duct. Here and further in the like sections, the device in focus is highlighted white, other elements being semi-transparent.



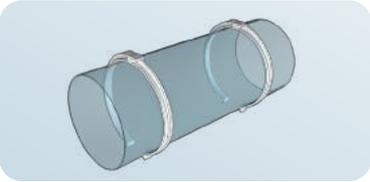
Item code	a	b
511DKP	55	110
612DKP	60	120
620DKP	60	204

Plastic duct holders

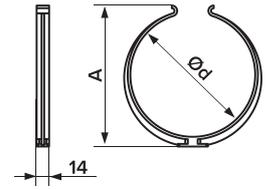


RDH

Round duct holders



For fastening round ducts of the corresponding size to mounting surfaces.
Fastening to mounting surfaces with screws.
High flexibility of the device allows using the holder with 5mm over- or undersized air ducts.

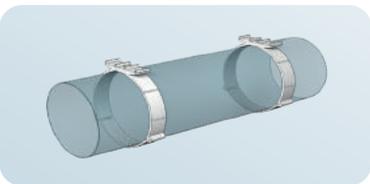


Item code	d	A
10RDH	90	108
12,5RDH	120	140
15.16RDH	140	160

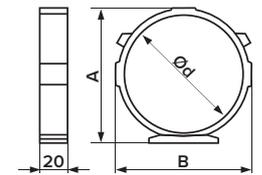


DKP

Round duct holders



For secure fastening of round ducts of the corresponding size to mounting surfaces.
Fastening to mounting surfaces with screws.

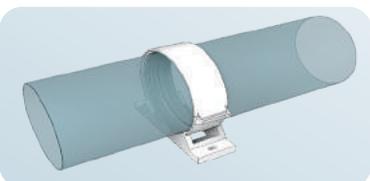


Item code	d	A	B
10DKP	103,4	117,5	109,4
12,5DKP	128,4	141,9	134,4
16DKP	163,4	171,9	169,4

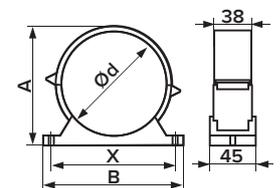


DSKP

Connecting holders for round ducts



For junction of round ducts, inline fans and fitting elements of the corresponding sizes, and fastening air ducts to mounting surfaces.
Equipped with sealants for hermetical end-to-end mounting of air ducts.
Fast and easy mounting/dismounting process.
Fastening to mounting surfaces with screws.

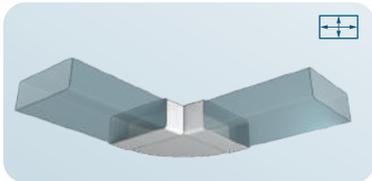


Item code	d	A	B	X
10DSKP	104	119	138	122
12,5DSKP	129	144	163	147
16DSKP	164	179	198	182

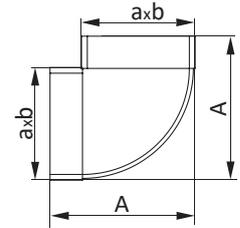
Plastic elbow joint bends



90° flat elbow joint bends for horizontal mounting



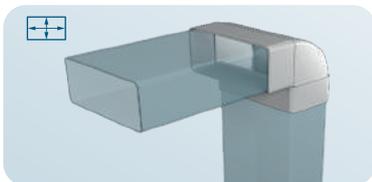
For horizontal connection of flat ducts of the corresponding size and type at 90° angle.
Direct junction with air ducts of the corresponding size.



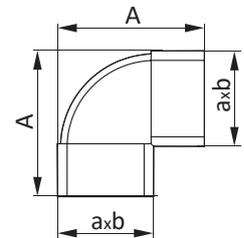
Item code	A	a	b
511KGP	145	110	55
612KGP	162	120	60
620KGP	246	204	60



90° flat elbow joint bends for vertical mounting



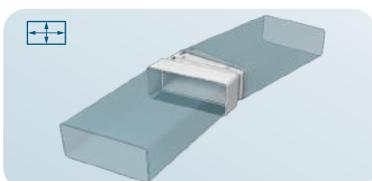
For vertical connection of flat ducts of the corresponding size and type at 90° angle.
Direct junction with air ducts of the corresponding size.



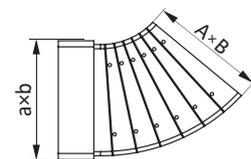
Item code	A	a	b
511KVP	89,2	110	55
612KVP	102	120	60
620KVP	102	204	60



Versatile flat angular elbow joint bends for horizontal mounting



For horizontal connection of flat ducts of the corresponding size and type at angles from 3° to 48°. Depending on the angle required, a part of the elbow is cut off.
Direct junction with air ducts of the corresponding size and type.



Item code	a	b	A	B
511KRP	110	55	106,2	51,2
612KRP	120	60	115,4	56,2
620KRP	204	60	201,4	56,2

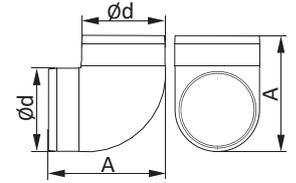
Plastic elbow joint bends



KKP

For connection of round ducts of the corresponding size at 90° angle.

Direct junction with air ducts.



90° elbow joint bends for round ducts



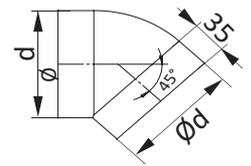
Item code	d	A
10KKP	100	143
12,5KKP	125	168,5
15KKP	150	195,5
16KKP	160	204



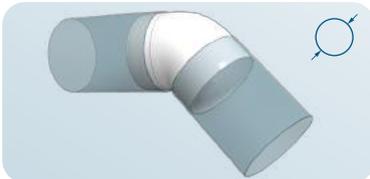
KKP45°

For connection of round ducts of the corresponding size at 45° angle.

Direct junction with air ducts.



45° elbow joint bends for round ducts



Item code	d
10KKP45°	100
12,5KKP45°	125
15KKP45°	150
16KKP45°	160

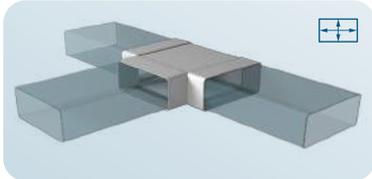


Plastic T-joints

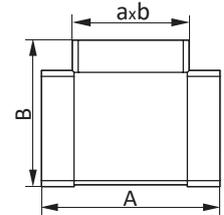
TPP



T-joints for flat ducts



For arranging complex ventilation systems and making new ventilation branches.
Direct junction with air ducts of the corresponding size and type.



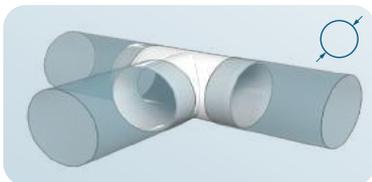
Item code	a	b	A	B
511TPP	110	55	173	143
612TPP	120	60	194	159
620TPP	204	60	278	243



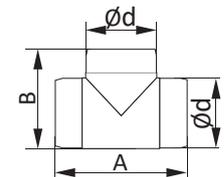
TP



T-joints for round ducts



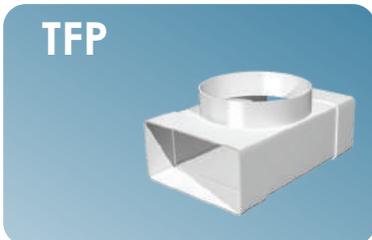
For connection of round ducts of the corresponding size.
For arranging complex ventilation systems and making new ventilation branches.
For connection of three air ducts of the same size and type.



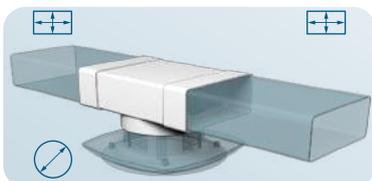
Item code	d	A	B
10TP	100	186	143,5
12,5TP	125	212	169
15TP	150	234	192,5
16TP	160	244	203



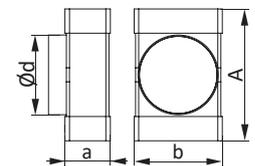
TFP



T-joints for flat ducts and flange air distributors

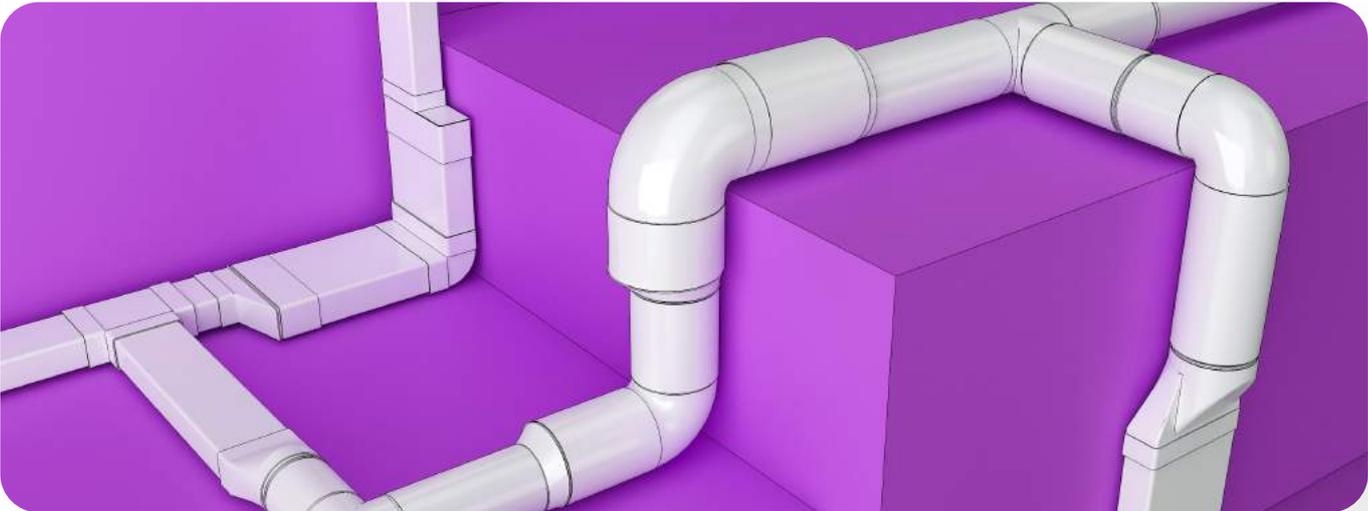


For connection of two flat ducts and air distributors with round flange, e.g. disc valves (anemostats), diffusers, ventilation grilles or fans.
Mounting with round ducts is possible with SKP connectors of the corresponding size.



Item code	a	b	d	A
511TF10P	55	110	100	171
612TF10P	60	120	100	174
620TF10P	60	204	100	174
620TF12,5P	60	204	125	199
620TF16P	60	204	160	234

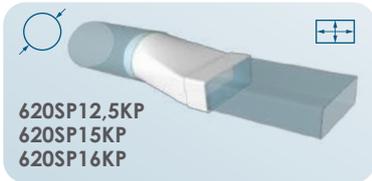
Plastic duct system possible mounting



Plastic adapters

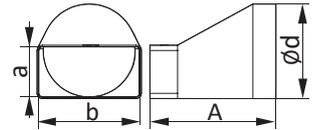


Eccentric round to flat connectors

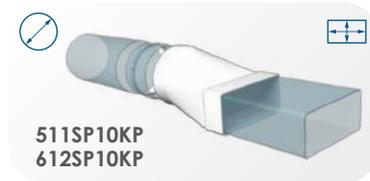


620SP12,5KP
620SP15KP
620SP16KP

For connection of round and flat air ducts.
Direct junction with flat ducts of any size.
Mounting of 511SP10KP, 612SP10KP with round ducts is possible with SKP connectors of the corresponding size. All the other sizes are jointed with round air ducts directly.



Item code	a	b	d	A
511SP10KP	55	110	100	137
612SP10KP	60	120	100	178
612SP12,5KP	60	120	125	178
620SP12,5KP	60	204	125	178
620SP15KP	60	204	150	178
620SP16KP	60	204	160	178



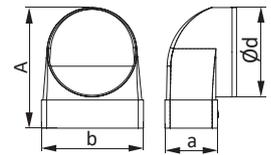
511SP10KP
612SP10KP



90° connecting bends for flat and round ducts



For connection of round and flat air ducts at 90°.
Direct junction with flat and round ducts.



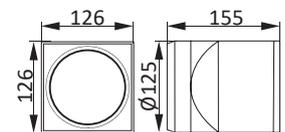
Item code	a	b	d	A
511SK10KP	55	110	100	135
612SK10KP	60	120	100	145
620SK10KP	60	204	100	146
620SK12,5KP	60	204	125	171
620SK15KP	60	204	150	193
620SK16KP	60	204	160	203



Central connector



For junction of round ducts and exhaust hoods.



Item code

1212SP12,5KP

Plastic adapters

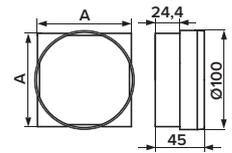


KV

Central connectors



For junction of round ducts and exhaust hoods.

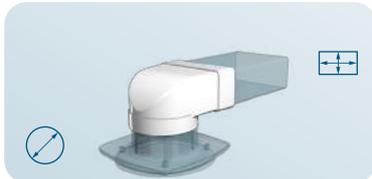


Item code	A
09KV	90
10KV	100



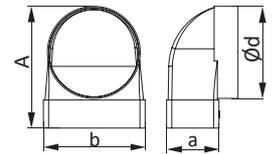
SKFP

Connectors for flat ducts and flange air distributors



For connection of flat ducts and air distributors with round flange at 90° angle.

Direct junction with flat ducts, flange air distributors (e.g. RK, APVP) or fans.

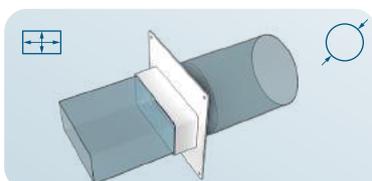


Item code	a	b	d	A
511SK10FP	55	110	100	137
612SK10FP	60	120	100	147
620SK10FP	60	204	100	143
620SK12,5FP	60	204	125	168
620SK16FP	60	204	160	204



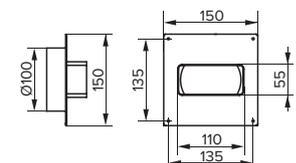
SKNP

Connector for flat and round ducts



For connection of flat and round ducts.

Direct junction with air ducts. Equipped with a front plate.



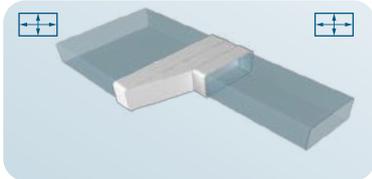
Item code
511SK10NP

Plastic reducers

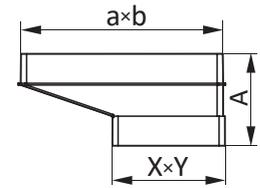


RPP

Eccentric reducers for flat ducts



For connection of flat ducts of different sizes.
Direct junction with air ducts of the corresponding size and type.

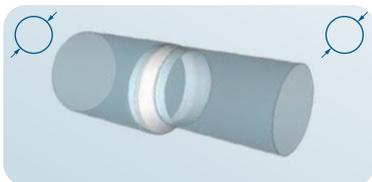


Item code	a	b	X	Y	A
511RP620P	204	60	110	55	94
612RP511P	120	60	110	55	97
612RP20P	204	60	120	60	62

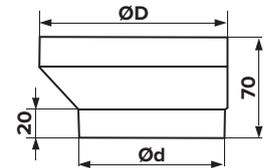


REP

Eccentric reducers for round ducts



For connection of round ducts of different sizes.
Direct junction with round air ducts.

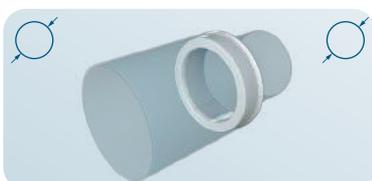


Item code	d	D
0810REP	80	100
1011REP	100	110
1012,5REP	100	125
1015REP	100	150
12,515REP	125	150
12,516REP	125	160

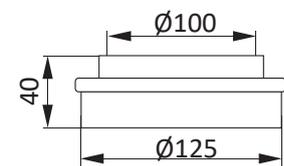


RP

Reducer for round ducts



For connection of round ducts of different sizes.
Direct junction with air ducts.

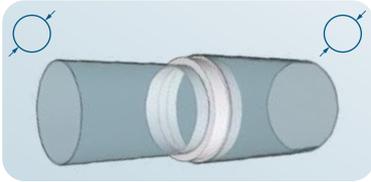


Item code
1012,5RP

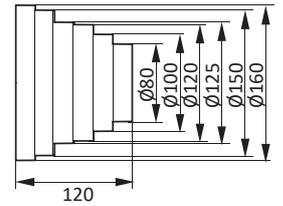
Plastic reducers and condensate collectors



Universal step adapter



For connection of round ducts of different sizes.
Cut off for the size needed.
Direct junction with air ducts.

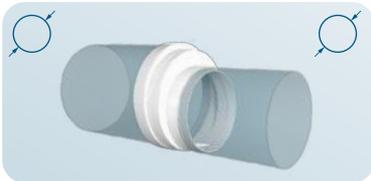


Item code

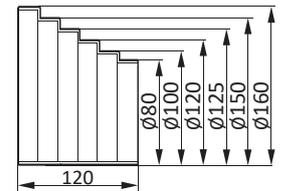
PU16.15.12,5.12.10.8



Universal eccentric step adapter



For connection of round ducts of different sizes.
Cut off for the size needed.
Direct junction with air ducts.
Mounting against walls or ceilings.

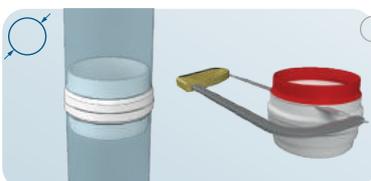


Item code

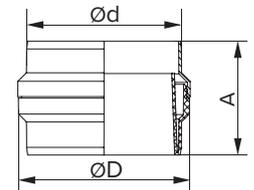
PU16.15.12,5.12.10.8



Condensate collectors



For connection of round ducts.
For condensation collection from air ducts.
Vertical mounting only.



Reduce to Ø160 by cutting off a section at the top of CC device.

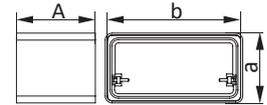
Item code	d	D	A
10SS	100	111	74
12,5SS	125	136	74
15.16SS	150-160	171	122



SKP

Connectors for flat ducts

For connection of flat ducts of the same size.
Direct junction with ducts of the corresponding size and type.



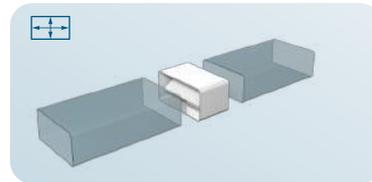
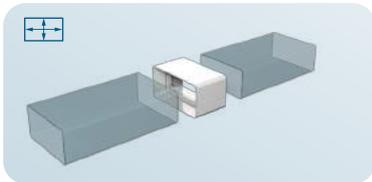
Item code	A	a	b
511SKP / 511SKPO	65	55	110
612SKP / 612SKPO	70	60	120
620SKP / 620SKPO	70	60	204



SKPO

Flat duct connectors with back-draught shutter

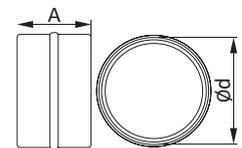
For connection of flat ducts of the same size.
Equipped with a back-draught shutter for back draft prevention.
Direct junction with ducts of the corresponding size and type.



SKP

Connectors for round ducts

For connection of round ducts of the corresponding size.
Direct junction with air ducts.



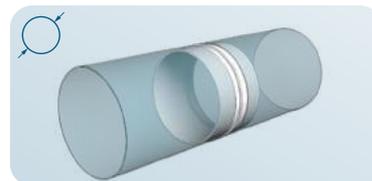
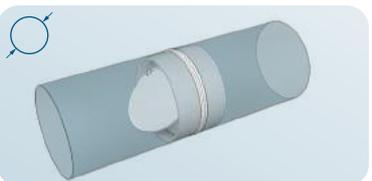
Item code	d	A
10SKP / 10SKPO	100	62
12,5SKP / 12,5SKPO	125	62
15SKP / 15SKPO	150	62
16SKP / 16SKPO	160	62



SKPO

Round duct connectors with back-draught shutter

For connection of round ducts of the corresponding size.
Equipped with a back-draught shutter for back draft prevention.
Direct junction with air ducts.

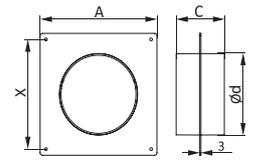


Plastic connectors



SKNP
Connectors for round ducts

For connection of round ducts.
Direct junction with air ducts.
Equipped with a front plate.



SKNPO
Round duct connectors with back-draught shutter

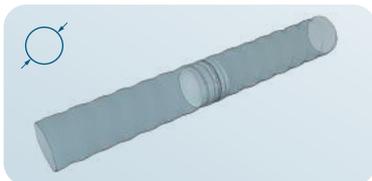
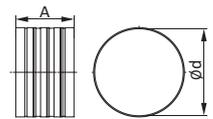
For connection of round ducts.
Direct junction with air ducts.
Equipped with a front plate.
Equipped with a back-draught shutter.

Item code	d	A	X	C
10SKNP / 10SKNPO	100	150	135	62
12,5SKNP / 12,5SKNPO	125	165	150	62
15SKNP / 15SKNPO	150	190	175	62



SK
Connectors for round ducts

For connection of flexible ducts of the corresponding size.



Item code	d	A
10SK	100	80
12,5SK	125	80

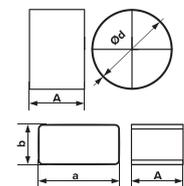


FC
Connectors for fitting elements

For junction of elbow joint bends with other fitting elements of the same size.

For connection of fitting elements at a minimum distance.

Not intended for air ducts junction.



Item code	A	a	b	Ød
10FC	70			100
12,5FC	70			125
15FC	70			150
16FC	70			160
511FC	70	110	55	
612FC	70	120	60	

Plastic front plates



PTG
Front plate for flat ducts,
horizontal mounting

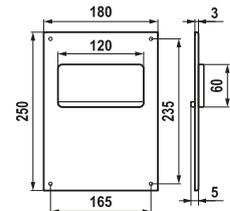
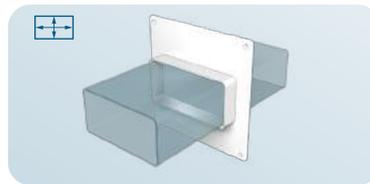


PTP
Square front plate for flat ducts,
horizontal mounting



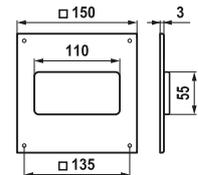
PTV
Front plate for flat ducts,
vertical mounting

For decoration of ventilation system's outputs.
Equipped with a flange for easy connection with air ducts of the corresponding size and type.
Mounting with screws.
Direct connection with air ducts of the corresponding size and type.



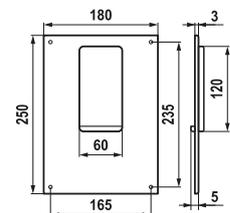
Item code

612PTG



Item code

511PTP



Item code

612PTV

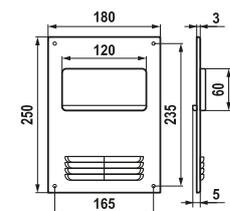
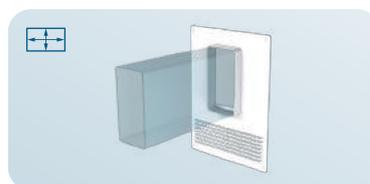


PTGR
Front plate with ventilation grille for flat ducts,
horizontal mounting



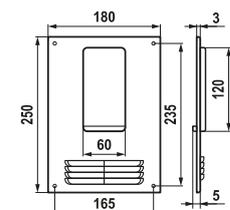
PTVR
Front plate with ventilation grille for flat ducts,
vertical mounting

For decoration of ventilation system's outputs.
Equipped with a flange for easy connection with air ducts of the corresponding size and type.
Wall or ceiling mounting.
Ventilation grille ensures natural ventilation.
Mounting with screws.



Item code

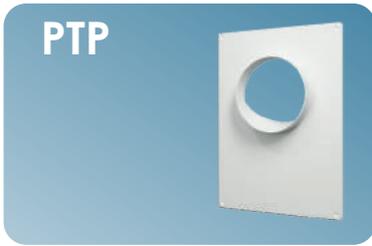
612PTGR



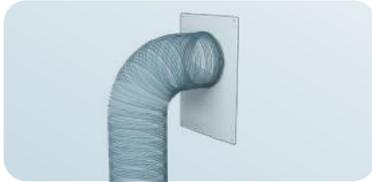
Item code

612PTVR

Plastic front plates



Front plates for round ducts

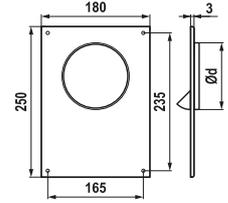


For decoration of ventilation system's outputs.

For proper junction of air ducts with outputs of ventilation systems.

Mounting with screws.

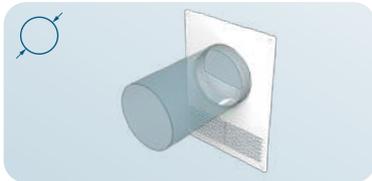
Equipped with a special deviator to prevent back draft.



Item code	d
100PTP	100
110PTP	110
120PTP	120
125PTP	125
130PTP	130
150PTP	150



Front plates with ventilation grille for round ducts



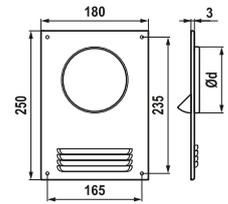
For decoration of ventilation system's outputs.

For proper junction of air ducts with outputs of ventilation systems.

Mounting with screws.

Ventilation grille ensures natural air exhaust in premises with gas devices.

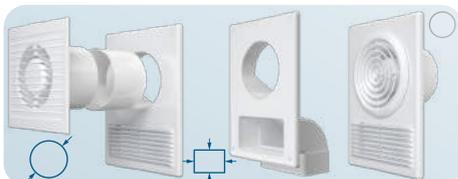
Equipped with a special deviator to prevent back draft.



Item code	d
100PTPR	100
110PTPR	110
120PTPR	120
125PTPR	125
130PTPR	130
150PTPR	150



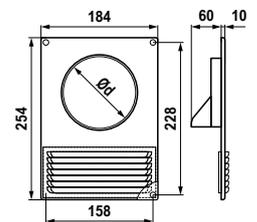
Universal detachable grille with flange



For decoration of ventilation system's outputs.

New design deviator allows to install a fan or other flange devices.

Equipped with a detachable grille with inclined shutters and an insect net.



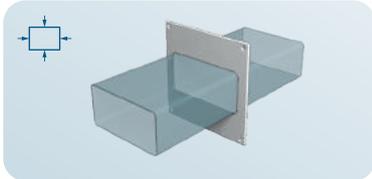
Item code	d
1825RU10F	100
1825RU12.5F	125

Direct junction with round air ducts.
 Junction with flexible air ducts and round fitting elements is done with a special connector (included into the kit).
 Junction with flat air ducts is done with an elbow joint bend or connector.

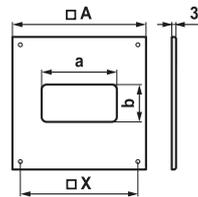
NPP



Cover plates for flat ducts



For decoration of mounting holes.
For flat ducts.
Mounting with screws.



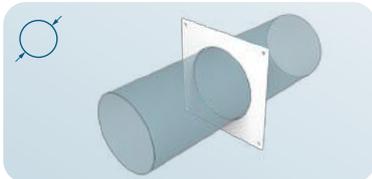
Item code	a	b	A	X
612NPP	120	60	150	135
620NPP	204	60	264	250



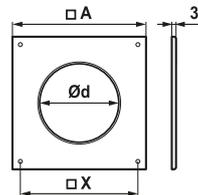
NKP



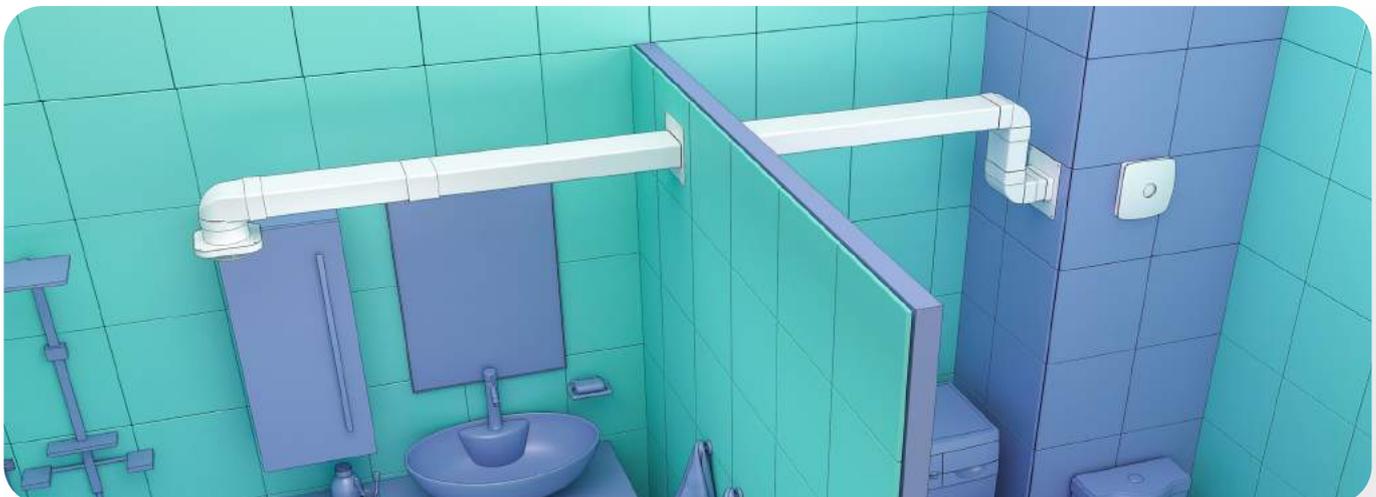
Cover plates for round ducts



For decoration of mounting holes.
For round ducts.
Mounting with screws.

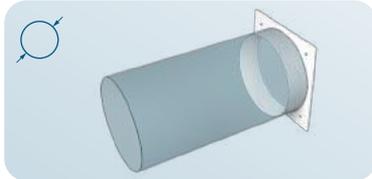


Item code	d	A	X
10NKP	105	150	135
12,5NKP	130	170	156
16NKP	165	205	190

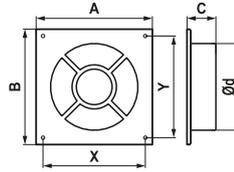




Cover plates with flange for round ducts



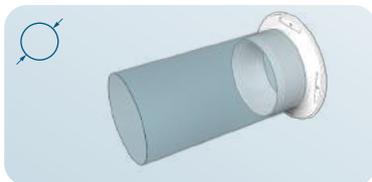
For junction of round ducts of the corresponding size.
Mounting with screws.



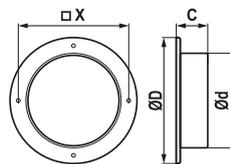
Item code	d	A	B	C	X	Y
1111F10	100	113	113	28,5	85	85
1616F12	125	164	164	34	130	130
1421F12	125	139	209	26	110	180



Flanges

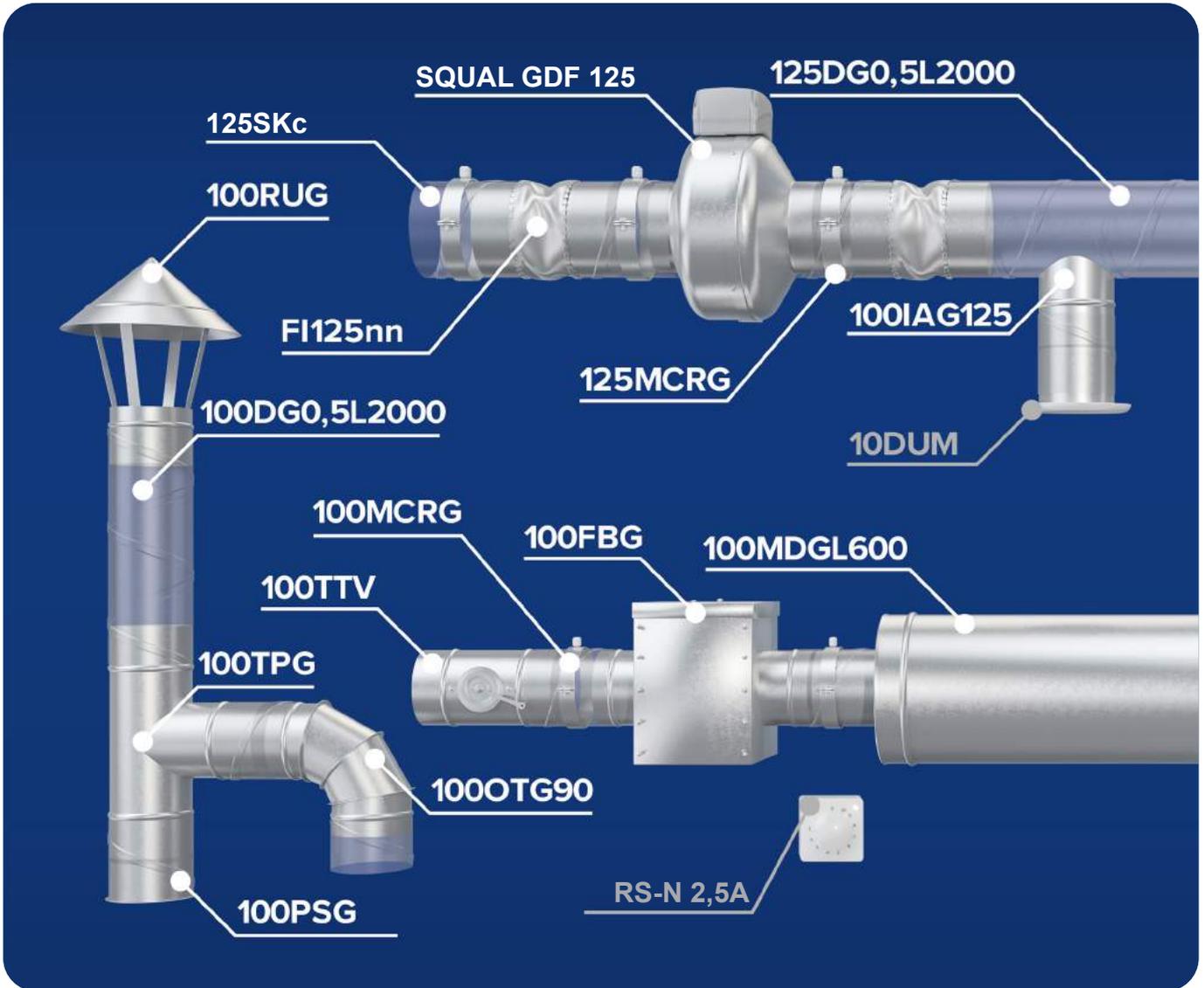


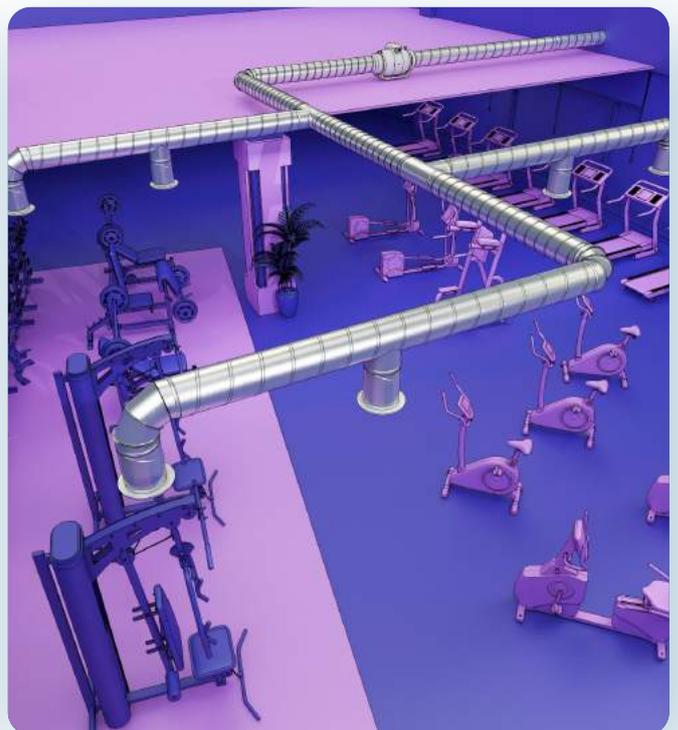
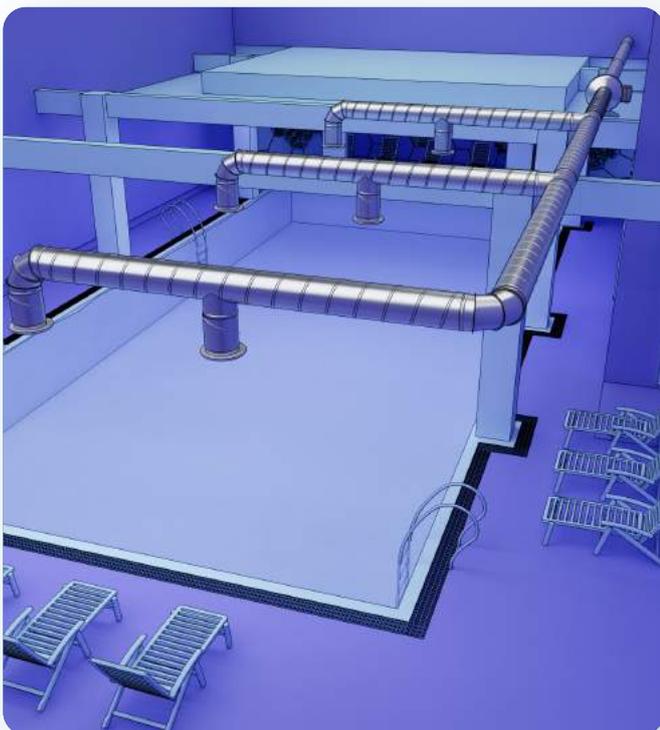
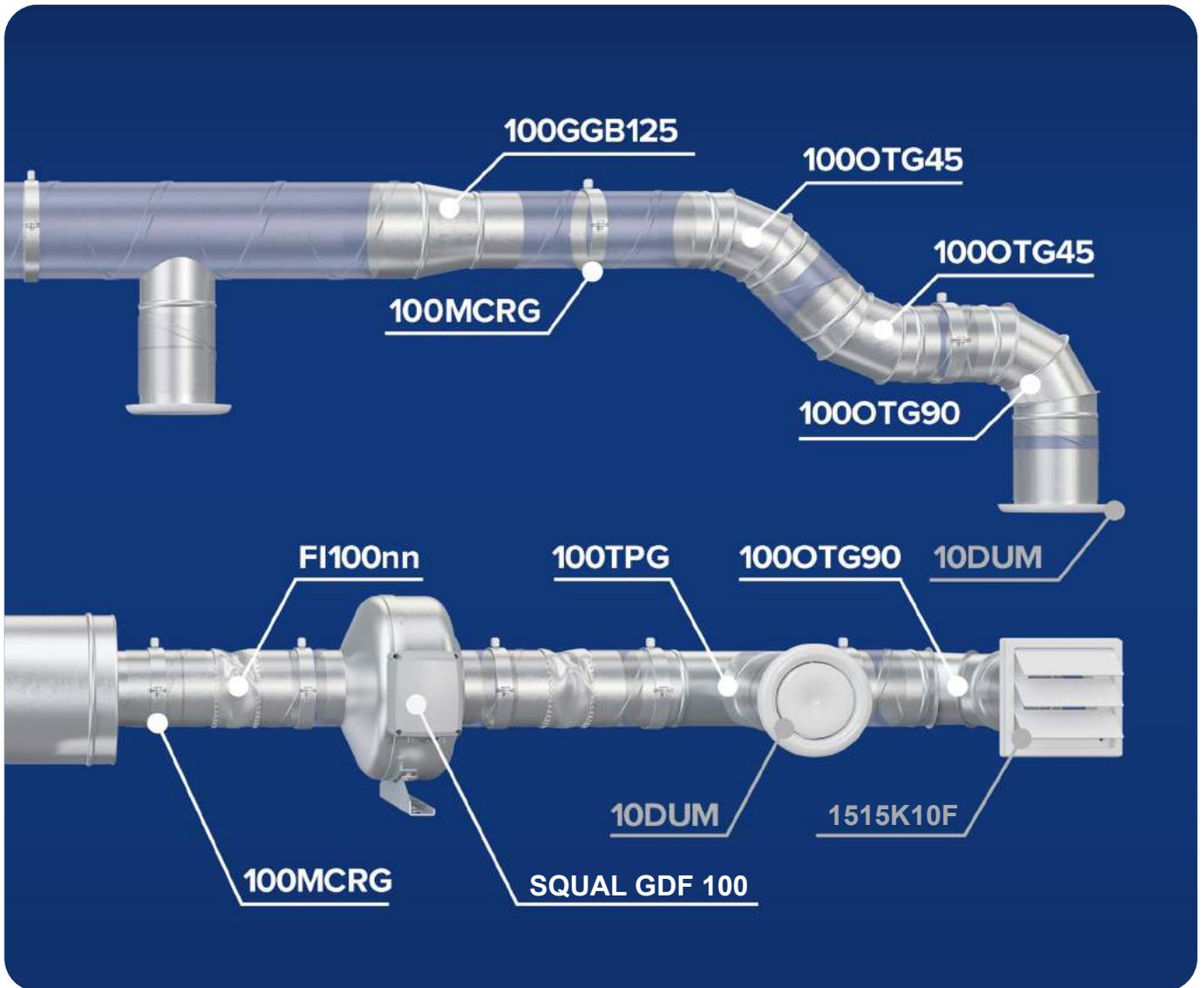
For junction of air distributing elements without flange with round ducts of the corresponding diameter.
Mounting with screws.



Item code	d	D	X	C
10F	100	135	125	55
12,5F	125	160	140	55
15F	150	195	170	55
16F	160	195	185	55
20F	200	235	225	55







AVA



Flexible round air ducts

Flexible aluminium air ducts are applied in supply and exhaust ventilation and in conditioning systems.

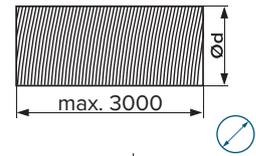
Operating temperature ranges from -30 to +300 °C.

Resistant to corrosion and visual changes over time.

Maximum length when stretched: 3 m.

Made of aluminium foil.

Aluminium strips are joined together forming an airtight and leakproof triple lock seam.



Item code	d
A10VA	100
A11VA	110
A11,5VA	115
A12VA	120
A12,5VA	125
A13VA	130
A15VA	150



VA



Flexible round air ducts

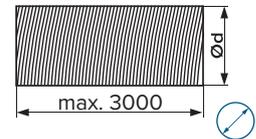
Spirally wound air ducts.

Aluminium strips are joined together forming an airtight and leakproof triple lock seam.

Operating temperature ranges from -30 to +300 °C.

Maximum length when stretched: 3 m.

Made of aluminium foil.



Item code	d
08VA	80
09VA	90
10VA	100
11VA	110
11,5VA	115
12VA	120
12,5VA	125
13VA	130
13,5VA	135
14VA	140
15VA	150
16VA	160
20VA	200
25VA	250
31,5VA	315



VA ULTRA



Flexible round air ducts

Spirally wound air ducts.

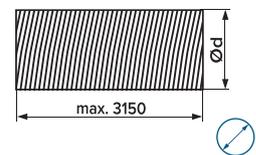
Aluminium strips are joined together forming an airtight and leakproof triple lock seam.

Operating temperature ranges from -30 to +300 °C.

Maximum length when stretched: 3.15 m.

Made of aluminium foil.

Foil thickness is 90 micron.

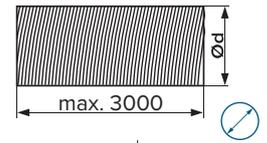


Item code	d
10VA ULTRA	100
11VA ULTRA	110
12VA ULTRA	120
12,5VA ULTRA	125
15VA ULTRA	150



Coated flexible air ducts

Spirally wound air ducts.
 Connected with fitting elements of the corresponding size.
 Aluminium strips are joined together forming an airtight and leakproof triple lock seam.
 Operating temperature ranges from -30 to +200 °C.
 Maximum length when stretched: 3 m.
 Made of white coated aluminium foil.
 Foil thickness is 80 micron.

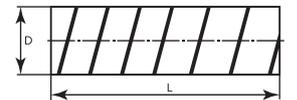


Item code	d
10VA WHITE	100
12,5VA WHITE	125
13,5VA WHITE	135
15VA WHITE	150
16VA WHITE	160



PVC flexible air ducts

Wire-reinforced flexible air ducts.
 Operating temperature ranges from -30 to +100 °C.
 Length ranges from 1 m to 6 m.
 Made of PVC film and steel wire.



Item code	d	A
PF 102-1	102	1000
PF 102-2	102	2000
PF 102-3	102	3000
PF 102-6	102	6000
PF 127-1	127	1000
PF 127-2	127	2000
PF 127-3	127	3000
PF 152-1	152	1000
PF 152-2	152	2000
PF 152-3	152	3000



Ventilation kits

For kitchen hoods.
 Released in three sizes: 110, 125 and 150 mm in diameter.
 Consists of two stainless steel hose clamps, PTP plastic front plate and VA flexible air duct.

Item code	Description
VK110/4	11VA, 110PTP, 2×Clamp 100-120 mm
VK125/4	12,5VA, 125PTP, 2×Clamp 120-140 mm
VK150/4	15VA, 150PTP, 2×Clamp 140-160 mm



AF

Flexible air ducts

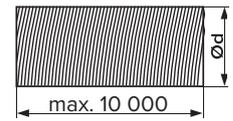
Wire-reinforced flexible air ducts, non-insulated.

Maximum length when stretched: 10 m.

Wall thickness is 70 micron.

Made of metalized film and spirally wound steel wire carcass.

Operating temperature ranges from -30 to +90 °C.



Item code	d
AF160	160
AF203	203
AF254	254
AF315	315



AF-izo

Insulated flexible air ducts

Flexible air ducts with thermal insulation.

Maximum length when stretched: 10 m.

Wire pitch: 48 mm.

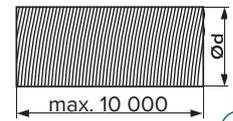
Wall thickness is 70 micron.

Made of metalized film, spirally wound steel wire carcass and insulation material.

For minimizing heat or cooling losses.

Operating temperature ranges from -30 to +90 °C.

Insulation thickness is 25 mm.



Item code	d
AF102izo	102
AF127izo	127
AF152izo	152
AF160izo	160
AF203izo	203
AF254izo	254



USV-start

Ventilation kit

For kitchen hoods.

Consists of four plastic hose clamps, PTPR plastic front plate with ventilation grille and AF (3m) flexible air duct.

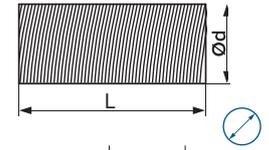
Item code	Description
USV-start 125	Ventilation kit. USV-start, D125

Spirally wound flexible air ducts

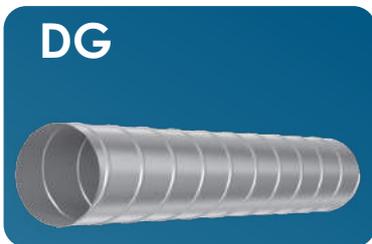
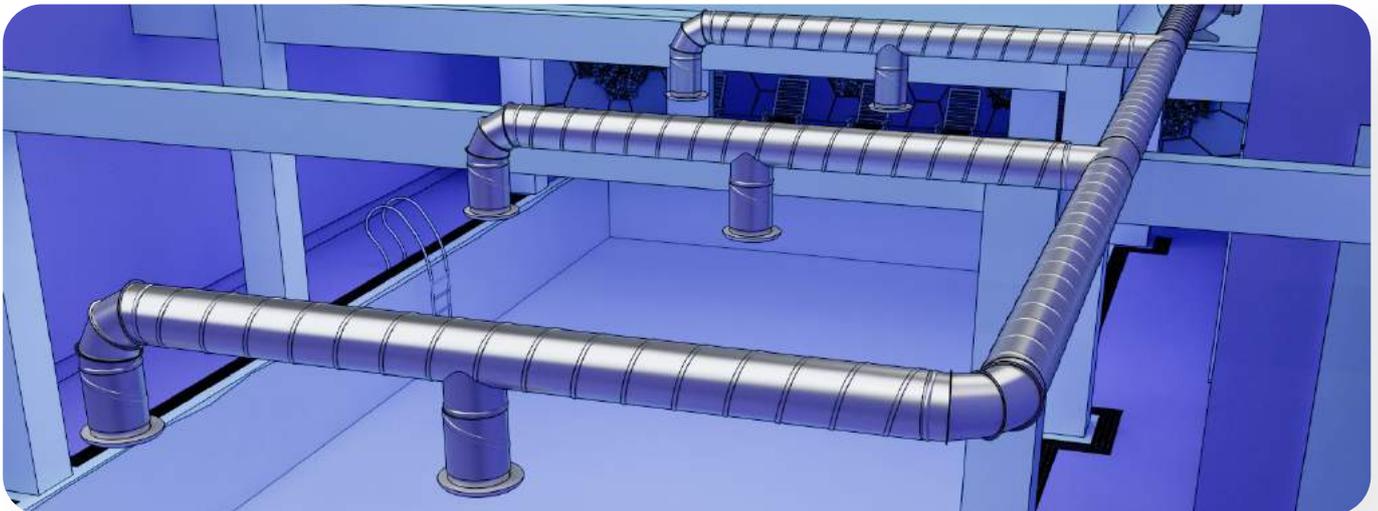


Stainless steel flexible air ducts

Spirally wound air ducts.
Stainless steel strips are joined together forming an airtight and leakproof triple lock seam.
Connected with fitting elements of the corresponding size.
Operating temperature ranges from -30 to +800 °C.
High-temperature deformation resistant.
Made of AISI 304 stainless steel that ensures high durability characteristics of a ready-made device.
Wall thickness is 80 micron.
Can be customized at request.

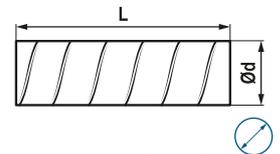


Item code	L	d
08FD1,5	1500	80
10FD1	1000	100
10FD1,5	1500	100
11FD1	1000	110
11FD1,5	1500	110
11,5FD1,5	1500	115
12FD1,5	1500	120
12,5FD1	1000	125
12,5FD1,5	1500	125
13FD1,5	1500	130
13,5FD1,5	1500	135
14FD1,5	1500	140
15FD1,5	1500	150



Round air ducts

Made of galvanized steel.
For arranging ventilation systems in small and medium-sized premises.
For building up straight sections of vent systems.
Corrosion resistant.
Long service life.
Operating temperature ranges from -40 to +60 °C.
Wall thickness is 0.5 mm.
Can be customized at request.



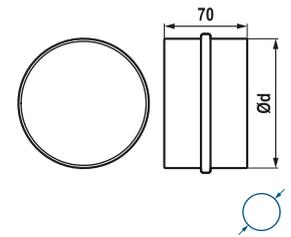
Item code	d	L
100DG0,5L1250	100	1250
100DG0,5L2000	100	2000
125DG0,5L1250	125	1250
125DG0,5L2000	125	2000
160DG0,5L1250	160	1250
160DG0,5L2000	160	2000
200DG0,5L1250	200	1250
200DG0,5L2000	200	2000
250DG0,5L2000	250	2000
315DG0,5L2000	315	2000
400DG0,5L2000	400	2000



Connectors



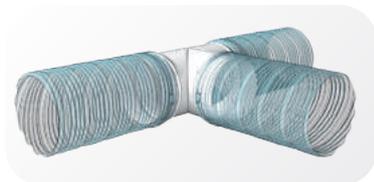
Polymer-coated connecting elements.
For junction of several air ducts.
Made of polymer-coated steel.
Can be customized at request.



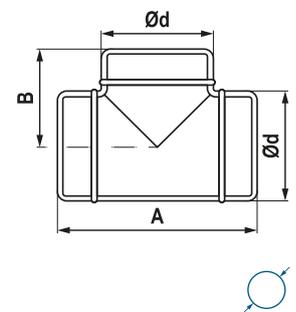
Item code	d
10PM	100
12PM	120
12,5PM	125
15PM	150
20PM	200



T-joints



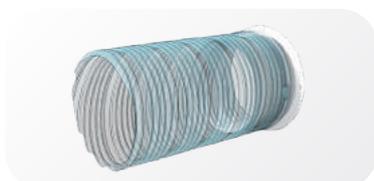
For making new branches within a ventilation system.
Made of polymer-coated steel.
Can be customized at request.



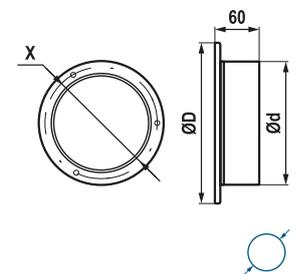
Item code	d	A	B
10TM	100	200	98
12TM	120	215	110
12,5TM	125	220	110
15TM	150	246	123



Flanges



For fastening flexible air ducts to mounting surfaces.
Made of polymer-coated steel.
Can be customized at request.

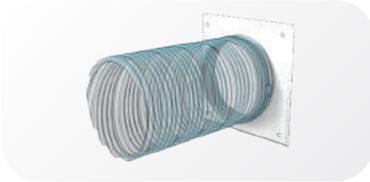


Item code	d	X	D
10FM	100	114	128
12FM	120	134	148
12,5FM	125	139	153
15FM	150	164	178

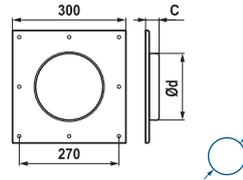
PTM 30 × 30



Square front plates



For fastening round air ducts to gas equipment service-pipes.
 Wall mounting with screws.
 Made of polymer-coated sheet steel.
 Can be customized at request.



Item code	d
100PTM (30 × 30)	100
110PTM (30 × 30)	110
115PTM (30 × 30)	115
120PTM (30 × 30)	120
125PTM (30 × 30)	125
130PTM (30 × 30)	130
135PTM (30 × 30)	135
140PTM (30 × 30)	140
150PTM (30 × 30)	150

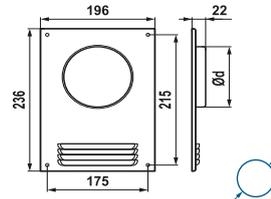


PTMR



Front plates with ventilation grille

For fastening round air ducts to gas equipment service-pipes.
 Ventilation grille ensures natural air exhaust in premises with gas devices.
 Wall mounting with screws.
 Made of polymer-coated sheet steel.
 Can be customized at request.



Item code	d
80PTMR	80
100PTMR	100
110PTMR	110
115PTMR	115
120PTMR	120
125PTMR	125
130PTMR	130
135PTMR	135
140PTMR	140
150PTMR	150



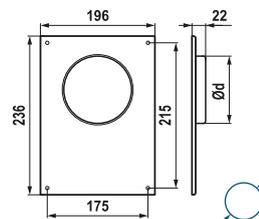
PTM



Front plates



For fastening round air ducts to gas equipment service-pipes.
 Wall mounting with screws.
 Made of polymer-coated sheet steel.
 Can be customized at request.



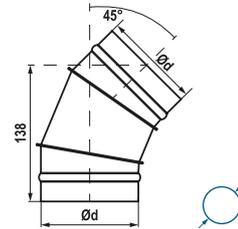
Item code	d
80PTM	80
90PTM	90
100PTM	100
110PTM	110
115PTM	115
120PTM	120
125PTM	125
130PTM	130
135PTM	135
140PTM	140
150PTM	150
160PTM	160



45° elbow offtake joints for round ducts



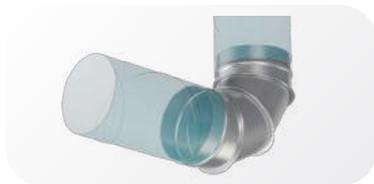
Made of galvanized steel.
For connection of air ducts of the corresponding size at 45° angle.
Direct junction with air ducts.
Can be customized at request.



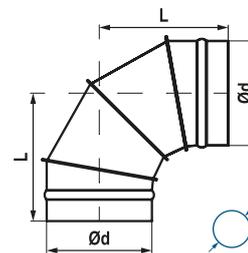
Item code	d
100OTG45	98
125OTG45	123
150OTG45	148
160OTG45	158
200OTG45	198
250OTG45	248
315OTG45	313
400OTG45	398



90° elbow offtake joints for round ducts



Made of galvanized steel.
For connection of air ducts of the corresponding size at 90° angle.
Direct junction with air ducts.
Can be customized at request.



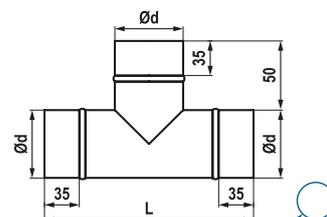
Item code	d
100OTG90	98
125OTG90	123
150OTG90	148
160OTG90	158
200OTG90	198
250OTG90	248
315OTG90	313
400OTG90	398



T-joints for round ducts



Made of galvanized steel.
For connection of air ducts of the same size and for airflow separation.
Direct junction with air ducts.
Can be customized at request.



Item code	d	L
100TPG	98	250
125TPG	123	275
150TPG	148	310
160TPG	158	320
200TPG	198	360
250TPG	248	400
315TPG	313	465
400TPG	398	550

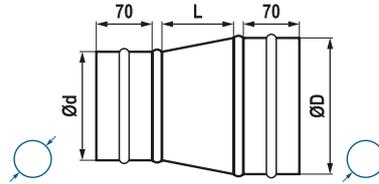
GGB



Reducers for round ducts



Made of galvanized steel.
For connection of air ducts of different sizes and their junction to ventilation tools.
Direct junction with air ducts.
Can be customized at request.



Item code	d	D	L
100GGB125	98	123	80
100GGB150	98	148	80
100GGB160	98	158	80
125GGB150	123	148	80
125GGB160	123	158	80
125GGB200	123	198	100
150GGB200	148	198	100
160GGB200	158	198	100
150GGB250	148	248	110
160GGB250	158	248	120
200GGB250	198	248	100
200GGB315	198	313	115
250GGB315	248	313	100
250GGB400	248	398	170



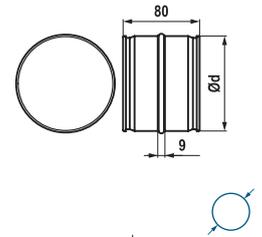
PC-1



Connectors for round ducts



Made of galvanized steel.
For connection of air ducts of the same size.
Safe canted edges.
Direct junction with air ducts.
Easy junction via hose clamps (purchased separately).



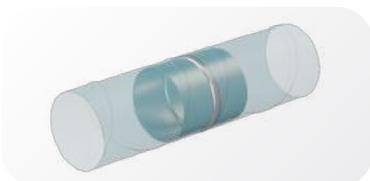
Item code	d
10PC-1	100
12,5PC-1	125
15PC-1	150



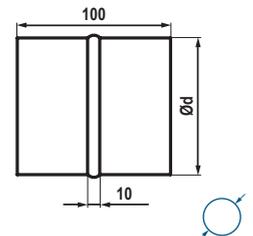
CG



Connectors for round ducts



Made of galvanized steel.
For connection of air ducts of the same size and their junction to ventilation tools.
Direct junction with air ducts.



Item code	d
100CG	98
125CG	123
150CG	148
160CG	158
200CG	198
250CG	248
315CG	313
400CG	398

SKc



Connectors with back-draught shutter

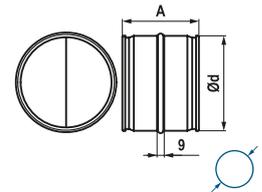


For preventing back draft when the ventilation system is not active. Wings of the back-draught shutter inside the connector open under the pressure created by the airflow. Then they automatically close with the spring work. Connector is made of galvanized steel. Back-draught shutter wings are made of sheet aluminium.

Equipped with a special foam rubber sealant reducing the noise level and making the junction points airtight and leakproof.

For connection with round air ducts. Mounting with hose clamps.

When mounting the device, mind the vertical position of the axis.



Item code	d	A
SKc 100	98	80
SKc 125	123	88
SKc 150	148	88
SKc 160	158	88
SKc 200	198	88
SKc 250	248	118
SKc 315	313	118



TTV



Check valves for round ducts

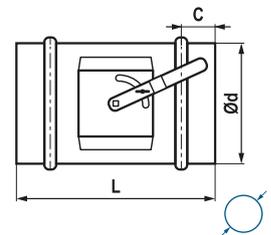


Made of galvanized steel. For controlling the flow rate of supplied, recirculated or exhausted air in ventilation and air conditioning systems with a working pressure not exceeding 1500 Pa.

A special handle is used as an actuating device (manual control).

Direct junction with air ducts.

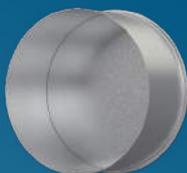
Can be customized at request.



Item code	d	L
100TTV	98	115
125TTV	123	115
150TTV	148	135
160TTV	158	135
200TTV	198	165
250TTV	248	250
315TTV	313	315
400TTV	398	410



PSG



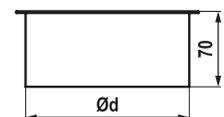
End caps for round ducts



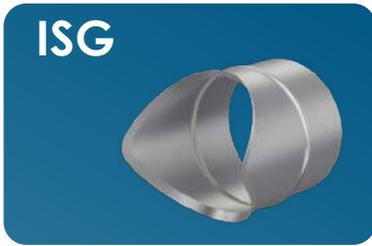
Made of galvanized steel. For directing the air flow and increasing its capacity or supporting the necessary exhaust level in a ventilation system.

When being installed at the back ends of ventilation sections (at ducts, T-joints, cut-in connectors, branches etc.), the device protects the vent system against intrusion, dust, accidental contact; prevents air leak and underpressure.

Can be customized at request.



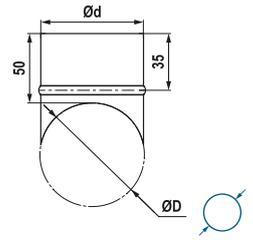
Item code	d
100PSG	98
125PSG	123
150PSG	148
160PSG	158
200PSG	198
250PSG	248
315PSG	313
400PSG	398



ISG
Straight cut-in pipe connectors



Made of galvanized steel.
For connection of air ducts of the corresponding size or for branch lines arrangement in an already existing main duct line.
Joined with air ducts by means of rivets or self-tapping screws to provide a durable, impact resistant junction and increase efficiency of the whole system.
Can be customized at request.



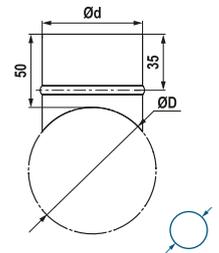
Item code	d
100ISG	98
125ISG	123
150ISG	148
160ISG	158
200ISG	198
250ISG	248
315ISG	313
400ISG	398



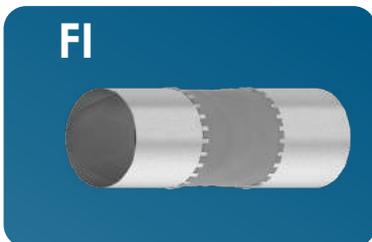
IAG
Reducing cut-in pipe connectors



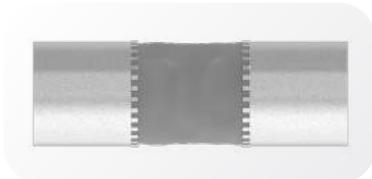
Made of galvanized steel.
For connection of air ducts of different sizes or for branch lines arrangement in an already existing main duct line.
Joined with air ducts by means of rivets or self-tapping screws to provide a durable, impact resistant junction and increase efficiency of the whole system.
Can be customized at request.



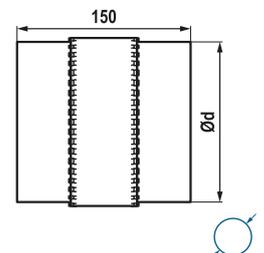
Item code	d	D
100IAG125	98	123
125IAG150	123	148
125IAG160	123	158
150IAG200	148	198
160IAG200	158	198
200IAG250	198	248
250IAG315	248	313



FI
Nipple joint flexible connectors



For compensation of vibrations in ventilation systems caused by fans and air handling units operation when being connected to ventilation ducts and fittings.
Compatible with commercial fans.
Made of galvanized steel and polymer fabric.
Can be customized at request.



Item code	d
FI100nn	100
FI125nn	125
FI150nn	150
FI160nn	160
FI200nn	200
FI250nn	250
FI315nn	315

MDG



Noise silencers for air ducts



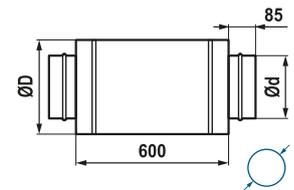
Galvanized steel casing.
Special sound absorbing fire-proof fiber material is used for noise muffling.
Equipped with a flange for easy junction and mounting.

For absorbing turbulent flows buzz and aerodynamic sounds in round ducts, for reducing noise level.

For proper noise muffling, it is recommended to install the device immediately following the fan.

For providing fresh air circulation in general ventilation systems. No intended to be installed in explosion hazardous areas and premises with clingy dust. Maximum operating temperature is 80 °C.

Can be customized at request.



Item code	d	D
100MDGL600	98	200
125MDGL600	123	225
150MDGL600	148	250
160MDGL600	158	260
200MDGL600	198	300
250MDGL600	248	350
315MDGL600	313	415
400MDGL600	398	500



FBG



Air cleaning filter units for round ducts



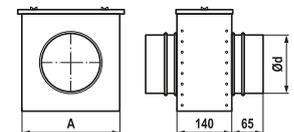
Consists of a galvanized steel casing and a replaceable filtering element.

For air extraction in supply and exhaust (under some circumstances) ventilation and air-conditioning systems with round air ducts.

For protecting ventilation ducts, heat-exchange units, fans, automatic controllers and other kinds of ventilation equipment from getting dirty and dusty. Ensures cleanliness of walls and ceilings next to air distributing devices.

Can be applied as the first filtering step in complicated filtration processes.

Can be customized at request.



Item code	d	A
100FBG	100	175
125FBG	125	205
160FBG	160	235
200FBG	200	275
250FBG	250	325
400FBG	400	495



RFE



Replaceable filtering element

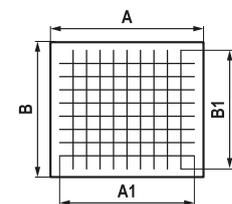


Ensures dust protection of fresh and recirculated air flows in conditioning and air-supply ventilation systems.

Applied as the first filtering step in complicated filtration processes or as a main filtering element in simple, one-step filtration.

G4 purification class.

Can be customized at request.



Item code	A	B	A1	B1
100RFE	200	255	195	250
125RFE	225	265	220	260
150RFE	265	295	260	290
160RFE	265	295	260	290
200RFE	305	335	300	330
250RFE	360	365	355	360
315RFE	425	425	420	420
400RFE	505	515	500	510



RUG
Roof cowls for round ducts



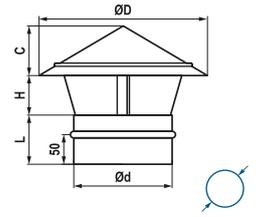
Made of galvanized steel.
Mounted at the end of ventilation roof output.

Direct mounting at air ducts outputs up the roof surface.

Prevents fans damage and ductwork condensation, protects filters and noise silencers from getting clogged.

Ensures protection from precipitation and big-sized waste parts and dirt.

Can be customized at request.



Item code	d	D	L	H	C
100RUG	98	200	75	50	50
125RUG	123	225	75	50	63
150RUG	148	250	75	55	70
160RUG	158	260	75	55	80
200RUG	198	260	75	55	100
250RUG	248	350	75	90	125
315RUG	313	415	110	100	160
400RUG	398	500	110	130	200





LMT, LMA, LM

Adhesive mounting tapes

For providing airtight and leakproof junctions of the devices within ventilation systems.

LMT is made of polyethene-coated textile fabric with an adhesive surface.

LMA is made of reinforced aluminium foil with a canvas and craft-paper basis.

LM is made of aluminium foil with a hot adhesive layer.

Item	Width, mm	Length, m	Thickness, mm
LM	50	50	30
LMT	50	30	160
LMA	50	50	120



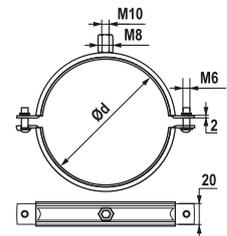
MCRG

Mounting rubber sealant hose clamps

Equipped with a rubber sealant and a universal screw-nut (M10 to M8).

For fastening air ducts of the corresponding size to wall or ceiling surfaces.

Can be customized at request.



Item code	d
100MCRG	100
125MCRG	125
150MCRG	150
160MCRG	160
200MCRG	200
250MCRG	250
315MCRG	315
400MCRG	400



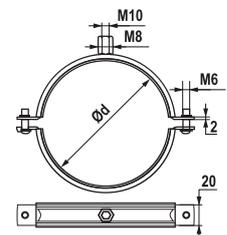
MCG

Mounting hose clamps

Equipped with a universal screw-nut (M10 to M8).

For fastening air ducts of the corresponding size to wall or ceiling surfaces.

Can be customized at request.



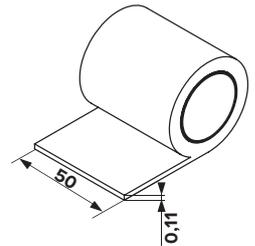
Item code	d
100MCG	100
125MCG	125
150MCG	150
160MCG	160
200MCG	200
250MCG	250
315MCG	315
400MCG	400



LM PVC

PVC mounting tape

White PVC waterproof tape.
 Roll length is 10 m.
 Width is 50 mm.
 Thickness is 130 micron.
 Operating temperature ranges from -50 to +125 °C.



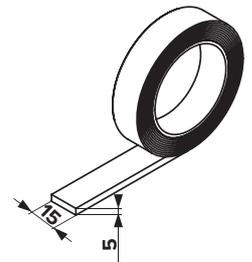
Item code	Description
LM PVC	PVC mounting tape



LU

Mounting tape

One-sided polyurethane foam adhesive tape. Adhesive part is protected with a paper layer.
 Self-adhesive foam tape is used for providing airtight and leakproof junctions ventilation systems of residential, industrial and public buildings.
 Roll length is 2 m.
 Width is 15 mm.
 Thickness is 5 mm.
 Operating temperature ranges from -20 to +80 °C.



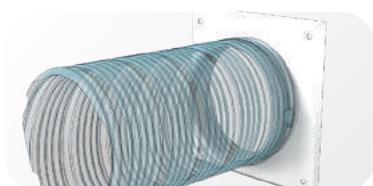
Item code	Description
LU	Mounting tape



Clamp

Stainless steel hose clamp

For fastening aluminium flexible ducts, rubber hose pipes and connecting elements.
 Made of stainless steel.



Item code
Clamp 8-12 mm, width 9 mm.
Clamp 10-16 mm, width 9 mm.
Clamp 12-20 mm, width 9 mm.
Clamp 16-25 mm, width 9 mm.
Clamp 20-32 mm, width 9 mm.
Clamp 25-40 mm, width 9 mm.
Clamp 32-50 mm, width 9 mm.
Clamp 40-60 mm, width 9 mm.
Clamp 50-70 mm, width 9 mm.
Clamp 70-90 mm, width 9 mm.
Clamp 90-110 mm, width 9 mm.
Clamp 100-120 mm, width 9 mm.
Clamp 110-130 mm, width 9 mm.
Clamp 120-140 mm, width 9 mm.
Clamp 130-150 mm, width 9 mm.
Clamp 140-160 mm, width 9 mm.
Clamp 150-170 mm, width 9 mm.
Clamp 160-180 mm, width 9 mm.
Clamp 190-210 mm, width 9 mm.
Clamp 210-230 mm, width 9 mm.
Clamp 240-260 mm, width 9 mm.
Clamp 310-330 mm, width 9 mm.

LN

LN plastic access doors with flange



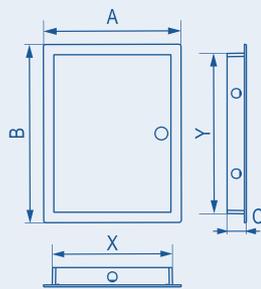
The slim door frame allows to flush-mount the device with the wall without spoiling the whole interior design.

Universal design and color for all type premises with various interiors.



Overall dimensions

Item code	A × B	X × Y	C
L1010N	120 × 120	100 × 100	24
L1515N	172 × 172	150 × 150	24
L1520N	172 × 222	150 × 200	24
L1530N	172 × 322	150 × 300	24
L2020N	224 × 224	200 × 200	24
L2025N	224 × 274	200 × 250	24
L2030N	223 × 323	200 × 300	24
L2040N	223 × 423	200 × 400	24
L2530N	275 × 325	250 × 300	24
L3030N	327 × 327	300 × 300	24
L3040N	327 × 427	300 × 400	24
L4040N	427 × 427	400 × 400	24



Open by pushing the door easily



The push-type lock endures up to 30 000 pushes*

*Confirmed by GUNAY experts

LR

LR plastic access doors with flange



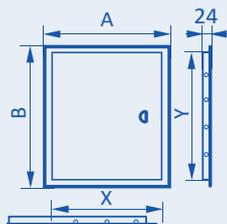
For mounting into walls or ceilings.
 Mounting hole size must correspond to flange size of LR access door.
 After the frame is installed into the surface, the door can be mounted either for left-hand or right-hand opening.
 Equipped with a handle for easy opening and closing.
 "Open wide" flap door design allows easy access to hidden utility systems.



Overall dimensions

Item code	A × B	X × Y
L1010R	122 × 122	98 × 98
L1015R	122 × 168	98 × 146
L1515R	168 × 168	146 × 146
L1520R	168 × 218	146 × 196
L1530R	168 × 318	146 × 296
L2020R	218 × 218	196 × 196
L2025R	218 × 268	196 × 246
L2030R	218 × 318	196 × 296
L2040R	218 × 418	196 × 396
L2525R	268 × 268	246 × 246
L2530R	268 × 318	246 × 296
L2540R	268 × 418	246 × 396
L3030R	318 × 318	296 × 296
L3040R	318 × 418	296 × 396

Item code	A × B	X × Y
L3060R	318 × 618	296 × 596
L3535R	368 × 368	346 × 346
L4040R	418 × 418	396 × 396
L4050R	418 × 518	396 × 496
L4060R	418 × 618	396 × 596



Color range



Ivory



LTP

LTP plastic access doors for wall and ceiling application



For on-surface application.

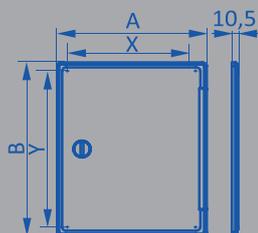
Equipped with a latching handle for easy opening and closing and preventing unintentional opening of the door.

Mounted to the ready-made surfaces.



Overall dimensions

Item code	A × B	X × Y
LT1510P	150 × 100	120 × 70
LT1515P	150 × 150	120 × 120
LT1520P	150 × 200	120 × 170
LT2025P	200 × 250	170 × 220
LT2030P	200 × 300	170 × 270
LT2525P	250 × 250	220 × 220
LT3030P	300 × 300	270 × 270
LT3040P	300 × 400	270 × 370



A special latching handle allows easy access to utility systems revision and prevents unintentional opening of the door.



LTM

LTM metal access doors with flange



For in-wall mounting.

Made of polymer-coated steel.

Equipped with a handle for easy opening and a magnet lock for a proper door fixation.

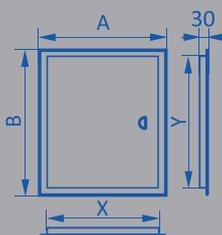
Special widened frame of the access door easily hides the imperfectness of the mounting hole (in case of any).

Can be customized at request.



Overall dimensions

Item code	A × B	X × Y	Item code	A × B	X × Y
LT1515M	210 × 210	150 × 150	LT4050M	460 × 560	400 × 500
LT1520M	210 × 260	150 × 200	LT4060M	460 × 660	400 × 600
LT2020M	260 × 260	200 × 200	LT4545M	510 × 510	450 × 450
LT2025M	260 × 310	200 × 250	LT5050M	560 × 560	500 × 500
LT2030M	260 × 360	200 × 300	LT6060M	660 × 660	600 × 600
LT2035M	260 × 410	200 × 350	LT6080M	660 × 860	600 × 800
LT2040M	260 × 460	200 × 400			
LT2060M	260 × 660	200 × 600			
LT2525M	310 × 310	250 × 250			
LT2530M	310 × 360	250 × 300			
LT2535M	310 × 410	250 × 350			
LT2540M	310 × 460	250 × 400			
LT2545M	310 × 510	250 × 450			
LT3030M	360 × 360	300 × 300			
LT3040M	360 × 460	300 × 400			
LT3050M	360 × 560	300 × 500			
LT4040M	460 × 460	400 × 400			



LTM revision access doors are equipped with a special magnet lock handle for preventing unintentional opening.



DF

DF plastic ventilated access doors (decofot doors) for wall application



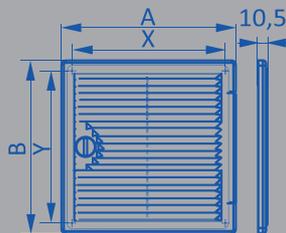
For on-surface application.

Equipped with a latching handle for easy opening and closing.



Overall dimensions

Item code	A × B	X × Y
1510DF	150 × 100	120 × 70
1515DF	150 × 150	120 × 120
1520DF	150 × 200	120 × 170
2025DF	200 × 250	170 × 220
2030DF	200 × 300	170 × 270
2525DF	250 × 250	220 × 220
3030DF	300 × 300	270 × 270
3040DF	300 × 400	270 × 370



DF doors (also called decofot) combine the properties of a ventilation grille and a revision door allowing easy access and ensuring natural ventilation.



Decofot is applied onto wall or other surfaces and not intended for an in-hole installation. So, the device suits for mounting holes with wavy edges. The only demand is the access door being bigger than the mounting hole size. When mounting the device above the eye level, "shutters up" installation is recommended to hide the mounting hole. When mounting the device below the eye level, "shutters down" installation is preferable.

AD

AD plastic access doors with flange



For fast and easy access to hidden utility systems.

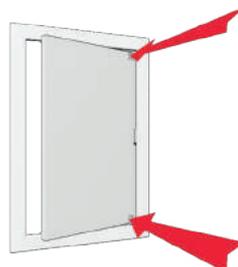
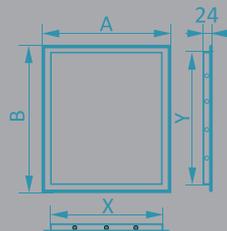
Functional design: the door can be mounted either for left-hand or right-hand opening.

Easy opening and closing by pushing the door corners.



Overall dimensions

Item code	A × B	X × Y
AD1515	168 × 168	146 × 146
AD1520	168 × 218	146 × 196
AD1530	168 × 318	146 × 296
AD2020	218 × 218	196 × 196
AD2025	218 × 268	196 × 246
AD2030	218 × 318	196 × 296
AD2040	218 × 418	196 × 396
AD2530	268 × 318	246 × 296
AD2540	268 × 418	246 × 396
AD3030	318 × 318	296 × 296
AD3040	318 × 418	296 × 396
AD3535	368 × 368	346 × 346



To open the door simultaneously push the corners on the wavy surface.

LTMZ

LTMZ metal access doors with flange

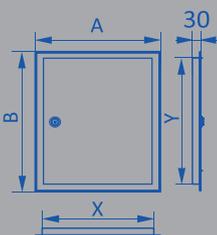


For in-wall mounting.
 Made of polymer-coated steel.
 Equipped with a key-lock.
 Can be customized at request.



Overall dimensions

Item code	A × B	X × Y
LT2030MZ	260 × 360	200 × 300
LT2040MZ	260 × 460	200 × 400
LT2530MZ	310 × 360	250 × 300
LT2540MZ	310 × 460	250 × 400
LT3030MZ	360 × 360	300 × 300
LT3040MZ	360 × 460	300 × 400
LT3050MZ	360 × 560	300 × 500
LT4040MZ	460 × 460	400 × 400
LT4050MZ	460 × 560	400 × 500
LT4060MZ	460 × 660	400 × 600
LT4545MZ	510 × 510	450 × 450
LT5050MZ	560 × 560	500 × 500
LT6060MZ	660 × 660	600 × 600
LT6080MZ	660 × 860	600 × 800



LTMZ access doors are equipped with a key-lock protecting from an accidental door opening or from intentional entry into the hidden area. The device is widely used in residential and municipal buildings such as apartments, schools, kindergartens, offices etc.



LPU

LPU hidden-mount access doors for painting and wall-papering



For mounting into walls made of a plate material with a further fastening to it.

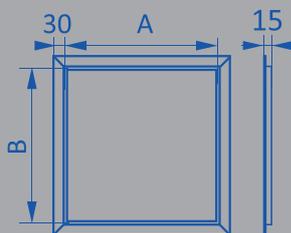
Water-resistant gypsum plasterboard door is adjusted to be primed, putty covered, painted or wall-papered to match the interior.

Can be customized at request.



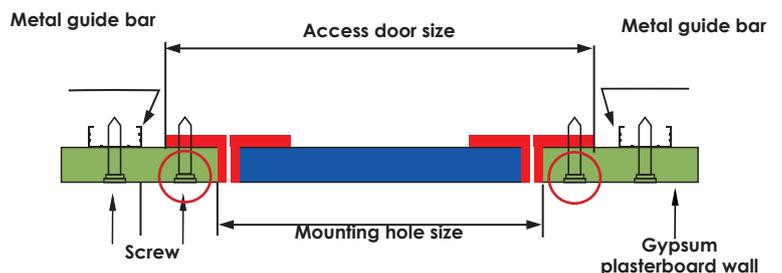
Overall dimensions

Item code	A × B
LP2030U	200 × 300
LP3030U	300 × 300
LP5050U	500 × 500



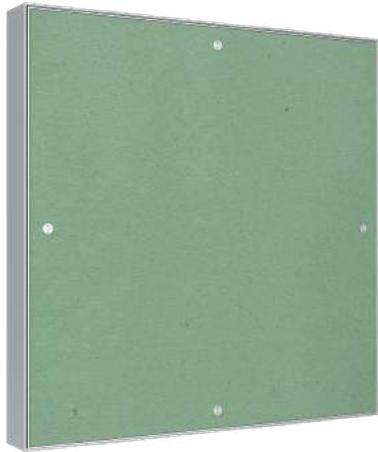
IMPORTANT

For fastening with screws, the mounting holes must be made in a gypsum plasterboard wall and the door frame simultaneously.



LPK

LPK hidden-mount access doors for painting and wall-papering



For mounting into a pre-installed metal carcass with further covering with plate materials and surface decoration.

Can be painted or wall-papered to match the interior design.

Water-resistant gypsum plasterboard door is opened and closed by pushing.

The main frame and the door frame are made of aluminium.

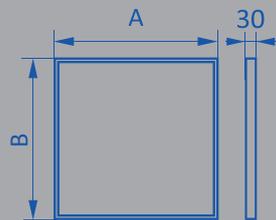
Special mechanical locking system ensures tight door fixation.

Can be customized at request.



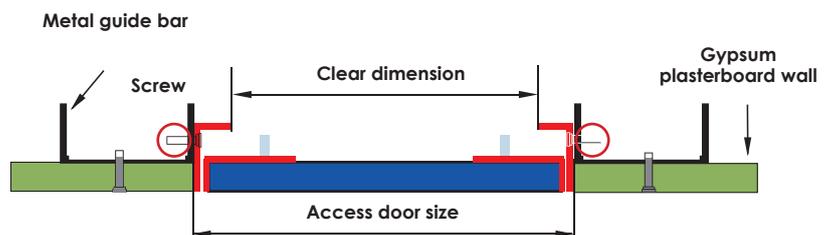
Overall dimensions

Item code	A × B
LP2020K	200 × 200
LP2030K	200 × 300
LP3030K	300 × 300
LP30100K	300 × 1000
LP4040K	400 × 400
LP4060K	400 × 600
LP5050K	500 × 500
LP6060K	600 × 600



IMPORTANT

The door frame is fastened to metal frame with screws at four sides.



D CERAMO BASE

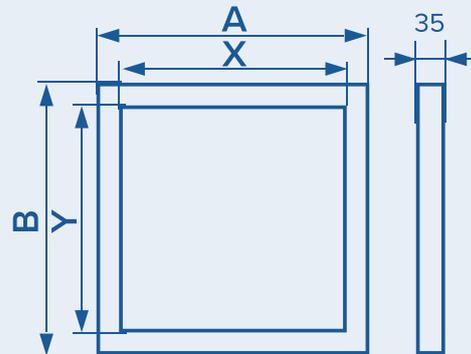
D CERAMO BASE hidden mount access doors for tile decoration



- Lightweight design
- For covering with tiles
- Water-resistant gypsum plasterboard door
- Easy opening by pushing
- Protected from dropping out with a special mechanism
- The door can be completely dismantled



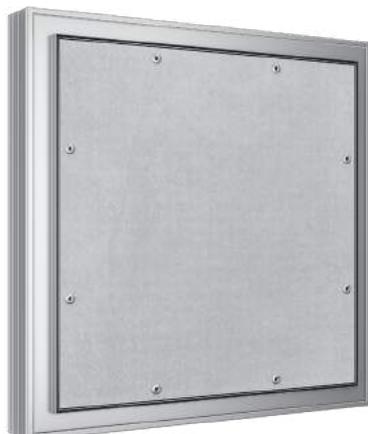
Item code	A	B	X	Y
D2020 ceramo base	200	200	170	170
D2030 ceramo base	200	300	170	270
D2040 ceramo base	200	400	170	370
D2525 Ceramo base	250	250	220	220
D2540 ceramo base	250	400	220	370
D3020 ceramo base	300	200	270	170
D3030 ceramo base	300	300	270	270
D3040 ceramo base	300	400	270	370
D3050 ceramo base	300	500	270	470
D4020 ceramo base	400	200	370	170
D4030 ceramo base	400	300	370	270
D4040 ceramo base	400	400	370	370
D4050 ceramo base	400	500	370	470
D5030 ceramo base	500	300	470	270
D5040 ceramo base	500	400	470	370
D5050 ceramo base	500	500	470	470



Hidden mount access devices with removable door are widely applicable when the access to revision area is not possible due to some obstructions (water sinks, baths, bidet basins, washing machines etc.).

D CERAMO COMFORT

D CERAMO COMFORT hidden mount access doors for tile decoration

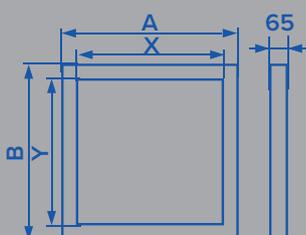


For mounting into plate material or masonry walls.
 Unique adjusting mechanism allows easy and precise tile-to-tile gap filling in three directions.
 Flap door with in-front opening saves the general décor of the surface without the necessity to cut and adjust the coverings for size
 Can be covered with tile or porcelain tile, natural or decorative stone, mirror panels etc.
 Can be customized at request.



Overall dimensions

Item code	A × B	X × Y
D2030 ceramo comfort	200 × 300	150 × 250
D2040 ceramo comfort	200 × 400	150 × 350
D3030 ceramo comfort	300 × 300	250 × 250
D3040 ceramo comfort	300 × 400	250 × 350
D3050 ceramo comfort	300 × 500	250 × 450
D3060 ceramo comfort	300 × 600	250 × 550
D4030 ceramo comfort	400 × 300	350 × 250
D4040 ceramo comfort	400 × 400	350 × 350
D4050 ceramo comfort	400 × 500	350 × 450
D4060 ceramo comfort	400 × 600	350 × 550
D5050ceramo comfort	500 × 500	450 × 450
D5060 ceramo comfort	500 × 600	450 × 550
D6060 ceramo comfort	600 × 600	550 × 550



Special cuttings on the outer aluminium frame tighten the material junction in the gap between the mounting hole and the frame of the access door.

Access door for tile decoration



DESIGN FEATURES

1. Durable rubber gasket in the door frame ensures protection of the utilities from dust intrusion and humidity influence.
2. Durable reinforced solid hinge.
3. Special mechanical lock.
4. Water-resistant gypsum plasterboard door.
5. The main frame is made of durable aluminium.

Tile application tips

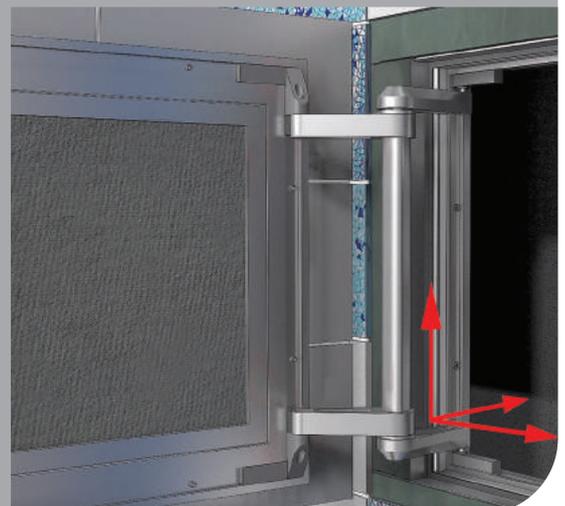
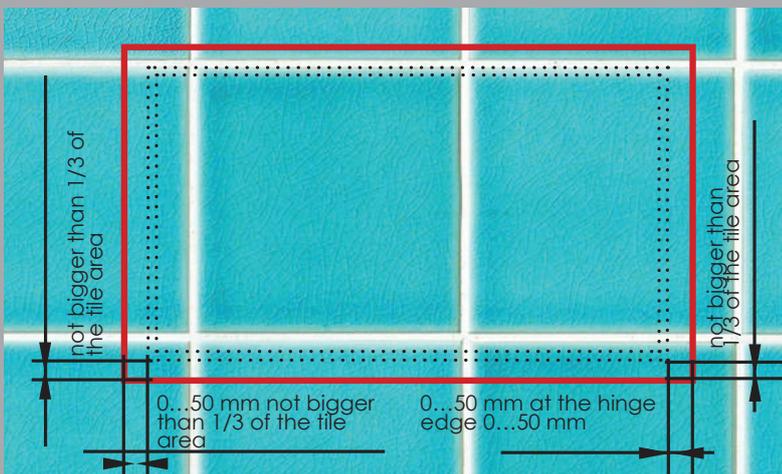
When applying a tile piece to the mounting surface of the access door, follow the rules:

It is allowed for a tile piece to be up to 50 mm bigger than the door size at the hinge edge.

At all the other sides a tile piece can also be up to 50 mm bigger than the door size, but less than 1/3 of the total tile area.



Adjustment is carried out in three directions with a hex key.



D FLOOR

D FLOOR hidden mount access doors for tile decoration



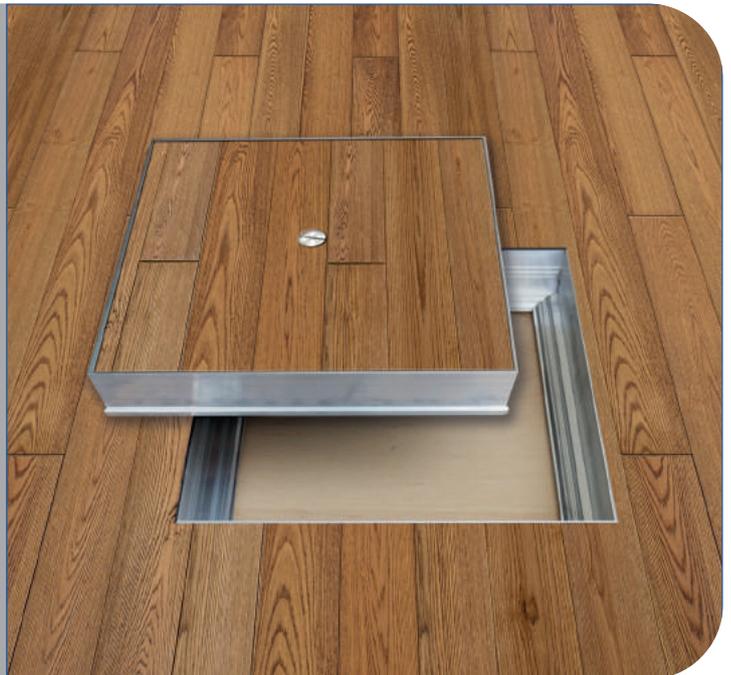
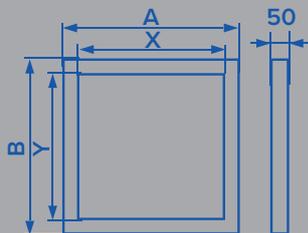
For floor mounting.

The door is made as a rectangular container equipped with a reinforcement mesh for further filling with cement mortar and decoration with any suitable material. Can be customized at request.



Overall dimensions

Item code	A × B	X × Y
D3030 FLOOR	300 × 300	240 × 240
D4040 FLOOR	400 × 400	340 × 340
D6060 FLOOR	600 × 600	540 × 540

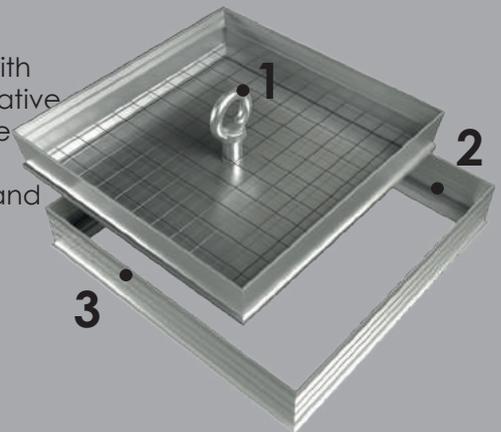


Access door for tile decoration



DESIGN FEATURES

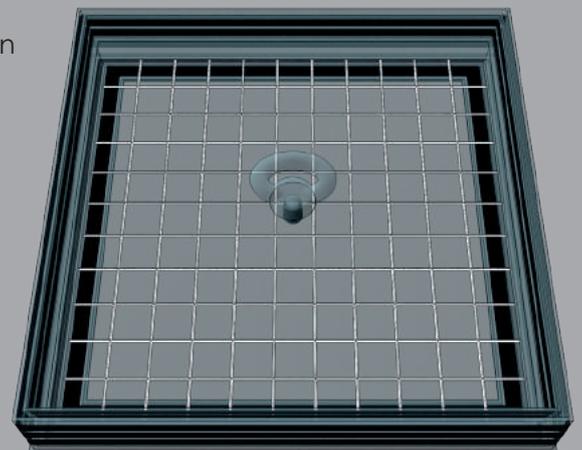
1. The door is made as a rectangular container equipped with a reinforcement mesh. For easy opening, the device is equipped with an eye bolt that is screwed into the middle hole (a special decorative plug being removed). Big size doors are screwed out with two eye bolts placed at the frame corners.
2. A special rubber gasket ensures protection from dust intrusion and humidity influence.
3. The main frame and the door frame are made of aluminium.



POSSIBLE MOUNTING



When being mounted, the door container is filled with cement mortar and further covered with any decoration material. Decorative plug is flush-mounted with the floor surface instead of the eye bolt and completely indistinguishable.



Notepad



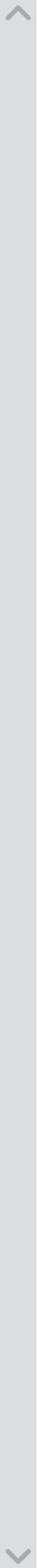
A series of horizontal lines for text entry, representing a blank document in a notepad application.



Notepad



A series of horizontal lines for text entry, representing a blank document in a notepad application.



Notepad



A large white rectangular area containing horizontal lines for text entry, representing the main content area of the Notepad application.



Notepad



A series of horizontal lines for text entry, representing a blank document in a notepad application.

