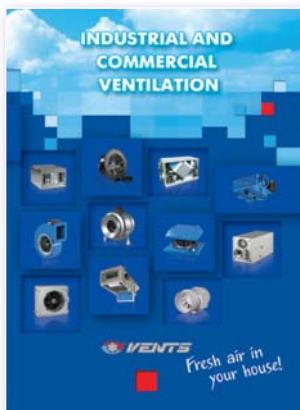


# ROUND AND FLAT PVC DUCTING



2013

Fresh air in  
your house!



## Industrial and commercial ventilation (Catalogue no. 1)

Industrial and commercial ventilation components - fans for round and rectangular ducts, sound-insulated, axial and roof fans, air handling units with heat recovery, air heating units, accessories.



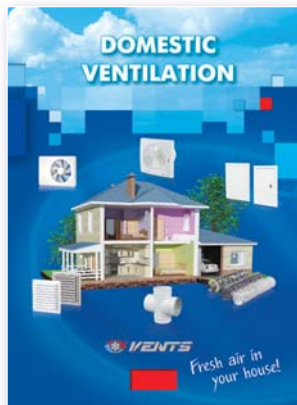
## Energy saving ventilation Air handling units (Catalogue no. 2)

Energy saving supply and exhaust units and air handling units with heat recovery with air capacity up to 6500 m<sup>3</sup>/h.



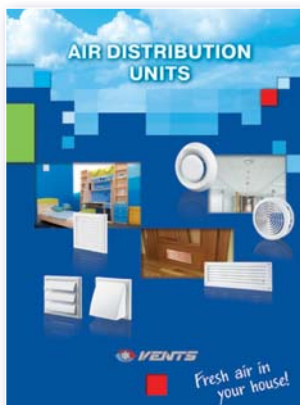
## Fire and smoke damper KPDU (Catalogue no. 5)

Fire dampers KPDU for smoke protection systems of buildings and premises.



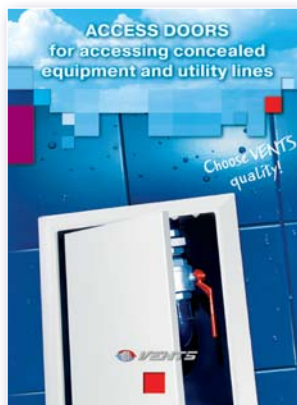
## Domestic ventilation (Catalogue no. 6)

Domestic ventilation: fans, mono-pipe exhaust kitchen and bathroom fans, air distribution units, air ducts and fittings, access doors, ventilation kits.



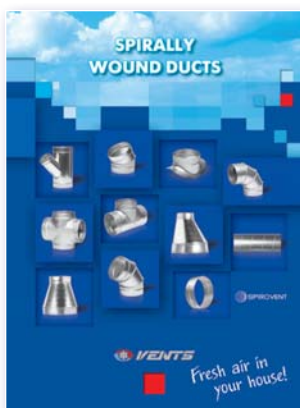
## Air distribution units (Catalogue no. 9)

Plastic and metal air distribution products (grilles, disk valves, diffusers, etc.) for ventilation, air conditioning and heating.



## Access doors (Catalogue no. 10)

Plastic and metal access doors for accessing concealed equipment and utility lines. Special offers for ceramic tiles.



## Spiral seam air ducts (Catalogue no. 13)

SPIROVENT spiral seam vent ducts and fittings of 100 to 1600 mm diameter.



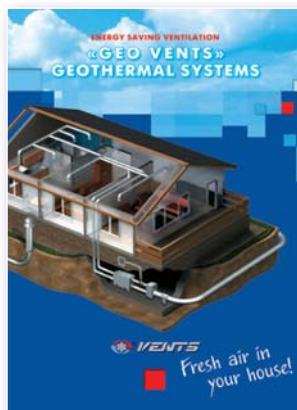
## Flexible ducts and fittings for ventilation, air conditioning and heating (Catalogue no. 14)

Flexible and semi-flexible air ducts made of polymeric materials, aluminium, galvanized or stainless steel, metal fittings for ventilation, air conditioning, heating, gas handling and abrasive particles aspiration.



### Air handling units AIRVENTS (Catalogue no. 3)

Energy saving air handling units with air capacity up to 40 000 m<sup>3</sup>/h, for use in large residential, industrial and commercial objects.



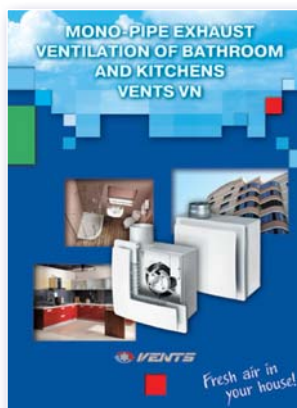
### Energy saving ventilation Geothermal systems GEO VENTS (Catalogue no. 4)

Energy saving system GEO VENTS with use of the earth's surface layers heat. High ventilation system energy efficiency and low operating costs.



### Domestic fans (Catalogue no. 7)

Domestic fans with air capacity up to 365 m<sup>3</sup>/h with extra functions: timer, humidity sensor, motion sensor, etc. Applied for premises up to 30 m<sup>2</sup>.



### VENTS VN Mono-pipe exhaust ventilation (Catalogue no. 8)

Exhaust ventilation in houses with mono-pipe ventilation system based on VENTS VN fans.



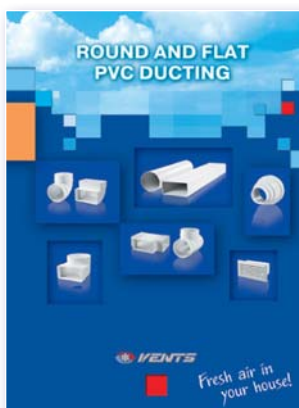
### Plastic grilles for ventilation and air conditioning (Catalogue no. 11)

PROFIPLAST extruded plastic grilles for ventilation and air conditioning.



### Metal grilles for ventilation, air conditioning and heating (Catalogue no. 12)

Metal grilles made of extruded metal profile for ventilation and air conditioning.



### Flat and round PVC air ducts (Catalogue no. 15)

Flat and round PVC ducts PLASTIVENT for ventilation of residential, office and commercial premises and connection of exhaust ventilation equipment (kitchen extractors, hoods, exhaust boxes, etc). Wide product range of fittings.



### Energy saving ventilation. Single room energy recovery ventilators. (Catalogue no. 16)

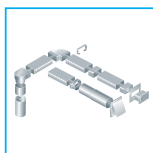
Single room reverse ventilators with energy regeneration for efficient ventilation and lowest investments in ready-built and brand new premises.

## CONTENT



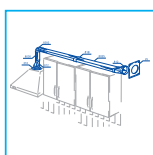
### About us

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### Advantages of Plastivent system

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### Application examples

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### Round air ductwork system

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### Flat air ductwork system

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# WELCOME TO THE VENTS WORLD!



VENTS company was founded in the nineties of the XXth century.

Dynamic development of the enterprise and ongoing study of the consumer demand enabled rapid international leadership of the company in the ventilation industry.

VENTS is a powerful research and development enterprise with 2500 professionals working as a single team to ensure a full production cycle from idea to end product. The production base of the company is located at more than 60 000 m<sup>2</sup> area. It includes 16 workshops equipped under the latest international standards and each of them is comparable to a separate plant.

Modern equipment, active implementation of advanced technologies and highly automated production are the characteristic features of VENTS company.

The company undergoes rapid dynamic development; fundamental researches and effective designs in climatic equipment industry are in the focus of the company's business strategy.

The joint cooperation of the corporate design department, test laboratories and production workshops let us introduce high quality products to the market.

Special attention is paid to the manufacturing of the goods during all manufacturing stages including monitoring of the technological conditions. Technical characteristics of supplied raw materials are thoroughly checked. Quality control system which meets international standard requirements ISO 9001:2000 was implemented at the enterprise.

Environmental protection is one of the basic components of the corporate development. The technological process at the enterprise is arranged in such a way as to exclude any negative impact to the environment. To solve the global energy saving problem we develop a special climatic equipment that provides comfortable conditions for people and reduces the energy demand significantly.

Perfect quality, competitive prices, high production potential, technical capabilities and the wide product range stimulate long-term partnership and product promotion all over the world.

The VENTS ventilation products are exported to more than 90 countries and are sold through the distribution network of 120 companies worldwide. Share of the VENTS products globally is above 10%.

VENTS is a member of high-rank international organizations, the leading HVAC experts.

Since 2008 VENTS has been a fully-featured member of HARDI Association (Heating, Air-conditioning and Refrigeration Distributors International, USA).

Since 2010 VENTS has been a participant of AMCA Association (the Air Movement and Control Association (AMCA) International, Inc.). In 2011 VENTS successfully passed tests for compliance with AMCA standards and the VENTS products were certified for the USA market.

In 2011 VENTS joined HVI (Home Ventilation Institute, USA) Association.





Metal processing workshop



Spiral air ducts workshop



Flexible air ducts workshop



Aluminium grilles and diffusers workshop



Powder coating workshop



Wet coating workshop



Extrusion workshop



Injection moulding workshop



Residential fans workshop



Ventilation grilles workshop



Electric motors workshop



Industrial fans workshop



Air handling units workshop



AirVents air handling unit workshop



Electrical accessories workshop



Extruded grilles workshop

Powerful production facilities, high automation level, active implementation of innovative technologies in the production process made VENTS a worldwide ventilation leader.

We manufacture our products with respect to unique geographical, climatic, technical features of each country and do our best to fulfill the client's wishes anywhere anytime.



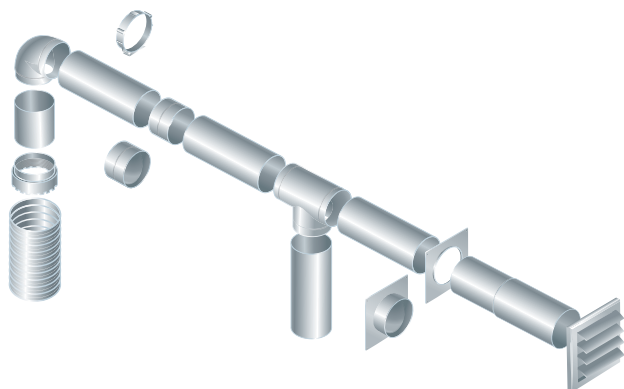
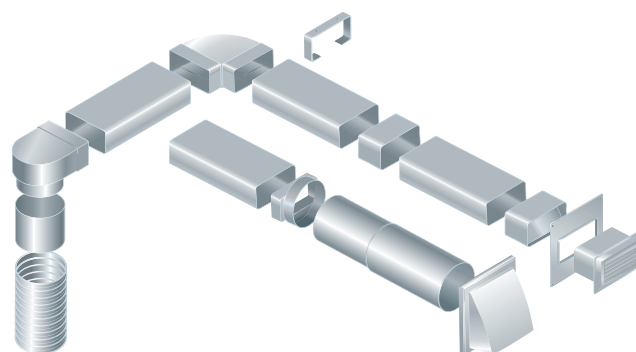
**Get benefit from cooperation with VENTSTM and enjoy the maximum range of products of the top quality from one manufacturer.**

# FLAT AND ROUND PVC DUCTWORKS

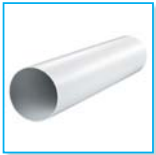
"Plastivent" air ductwork system is the ideal solution for arrangement of ventilation systems in small and medium-sized residential, office and commercial premises as well for connection of cooker hoods, exhaust hoods, cowls and other exhaust equipment. It includes rectangular 55x110, 60x120, 60x204 mm air ducts, round Ø 100, 125, 150, 200 mm air ducts and a great variety of fittings such as bends, reducers, connectors, etc. Operation temperature from -30 °C up to +70 °C.

## Basic advantages of "Plastivent" system:

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



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



**Round duct**



**Round telescopic duct**

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**Round flexible duct connector**



**90° bend for round ducts**



**T-joint for round ducts**

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**Wall plate for round ducts**



**Round duct connector**



**Connector with backdraft  
damper for round ducts**

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**Connector with backdraft  
damper and wall plate for  
round ducts**



**Connector with plate for  
round ducts**



**Reducer**

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**Reducer**



**Step round reducer**



**Round to flat connector**

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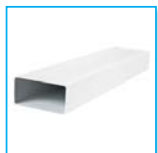


**Round flexible duct connector**



**Holder for round ducts**

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**Flat duct**



**Flat duct connector**



**Flat duct connector  
with damper**

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**Flexible flat duct connector**



**Air duct connector with a plate**



**Air duct connector with  
a plate and a back valve**

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**Vertical 90° bend for flat ducts**



**Horizontal 90° bend for flat ducts**



**Versatile flat angular connector**

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**T-joint for flat ducts**



**Flat duct holder**



**90° connecting bend for flat and round ducts**

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**T-joint for flat and round ducts**



**Reducer for flat ducts**



**Wall plate for flat ducts**

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**End grille**



**End grille with air pass regulation**



**Reducer for flat and round ducts**

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**Reducer for flat and round ducts**

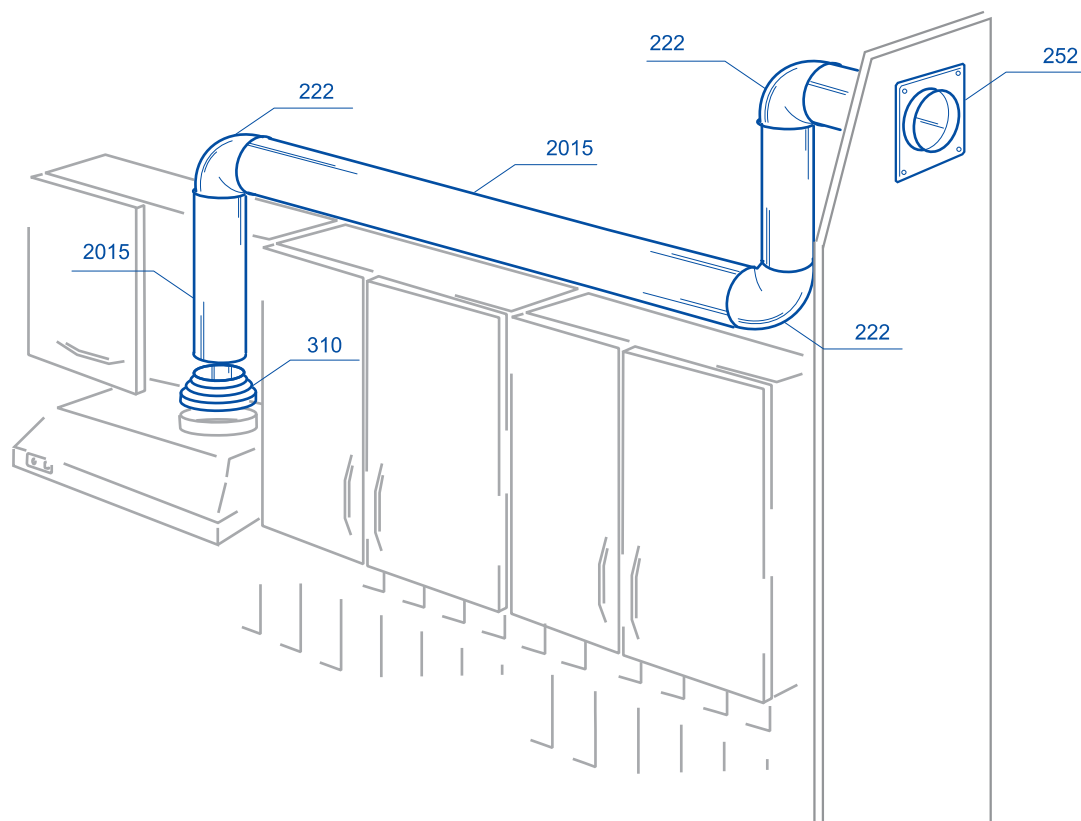


**Wall plate with flange**

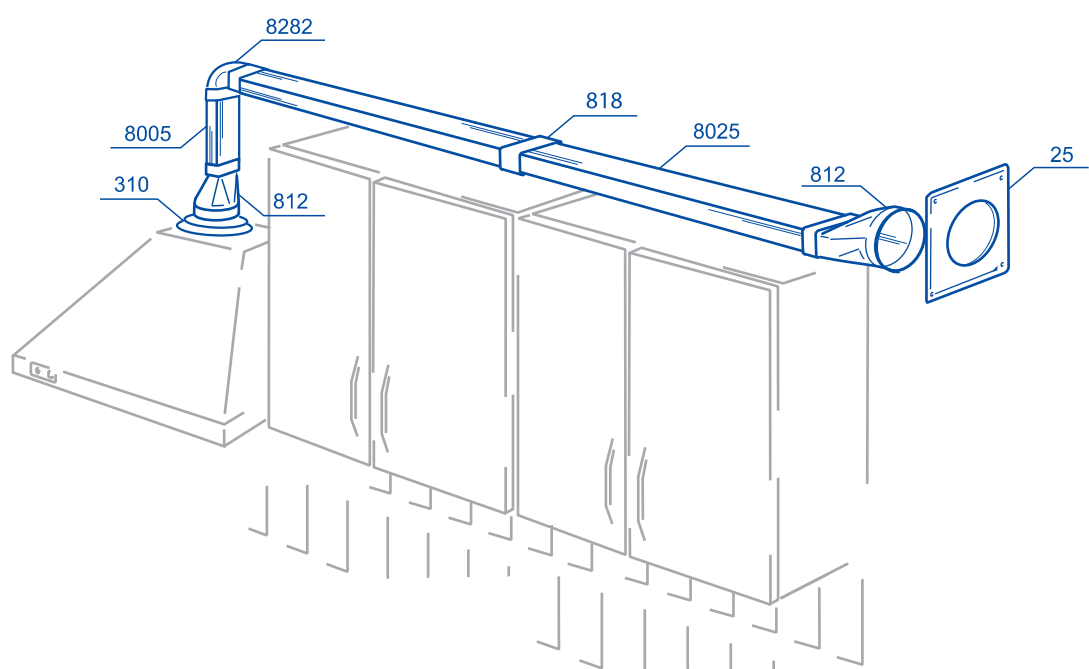


**Round to flat connector (symmetric)**

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**Kitchen**





**Cafe**

Technical drawing of a cafe interior, showing a 3D perspective view of the layout and a detailed 2D plan view of the ceiling with ventilation system components.

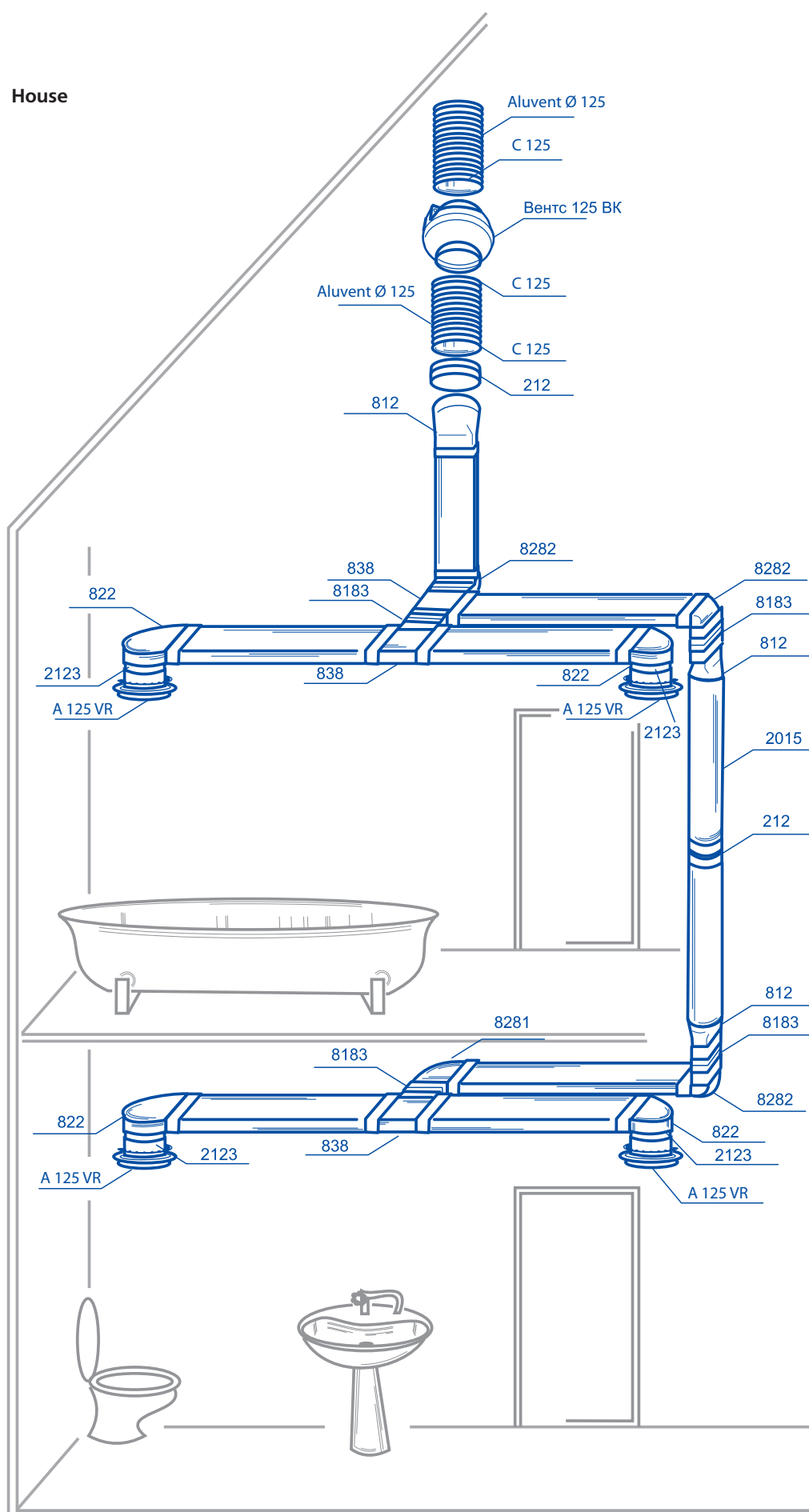
The 3D perspective view shows a cafe interior with a curved bar, three bar stools, and a large window. The ceiling is marked with a grid pattern.

The 2D plan view shows the layout of the ventilation system components, including:

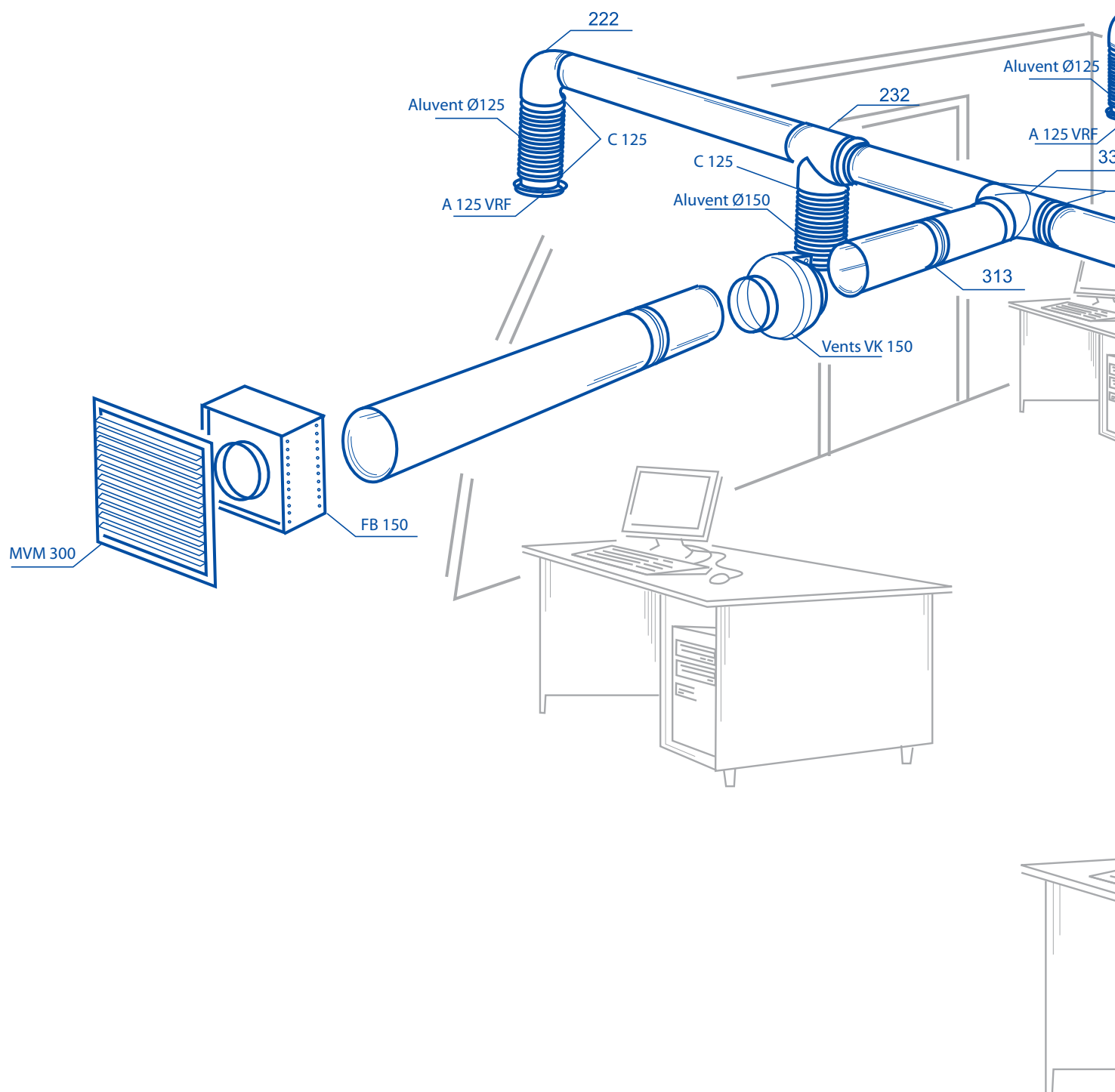
- Aluvent Ø125
- Vents BK 125
- MV 120 VJ
- 812
- 212
- 8010
- 838
- 8015
- 8281
- 8183
- 822
- 87
- 2123
- A 125 VRF
- 8015
- 838
- 8183
- 822
- 2123
- A 125 VRF
- 8015
- 838
- 8183
- 822
- 2123
- A 125 VRF
- 8015
- 838
- 8183
- 822
- 2123
- A 125 VRF

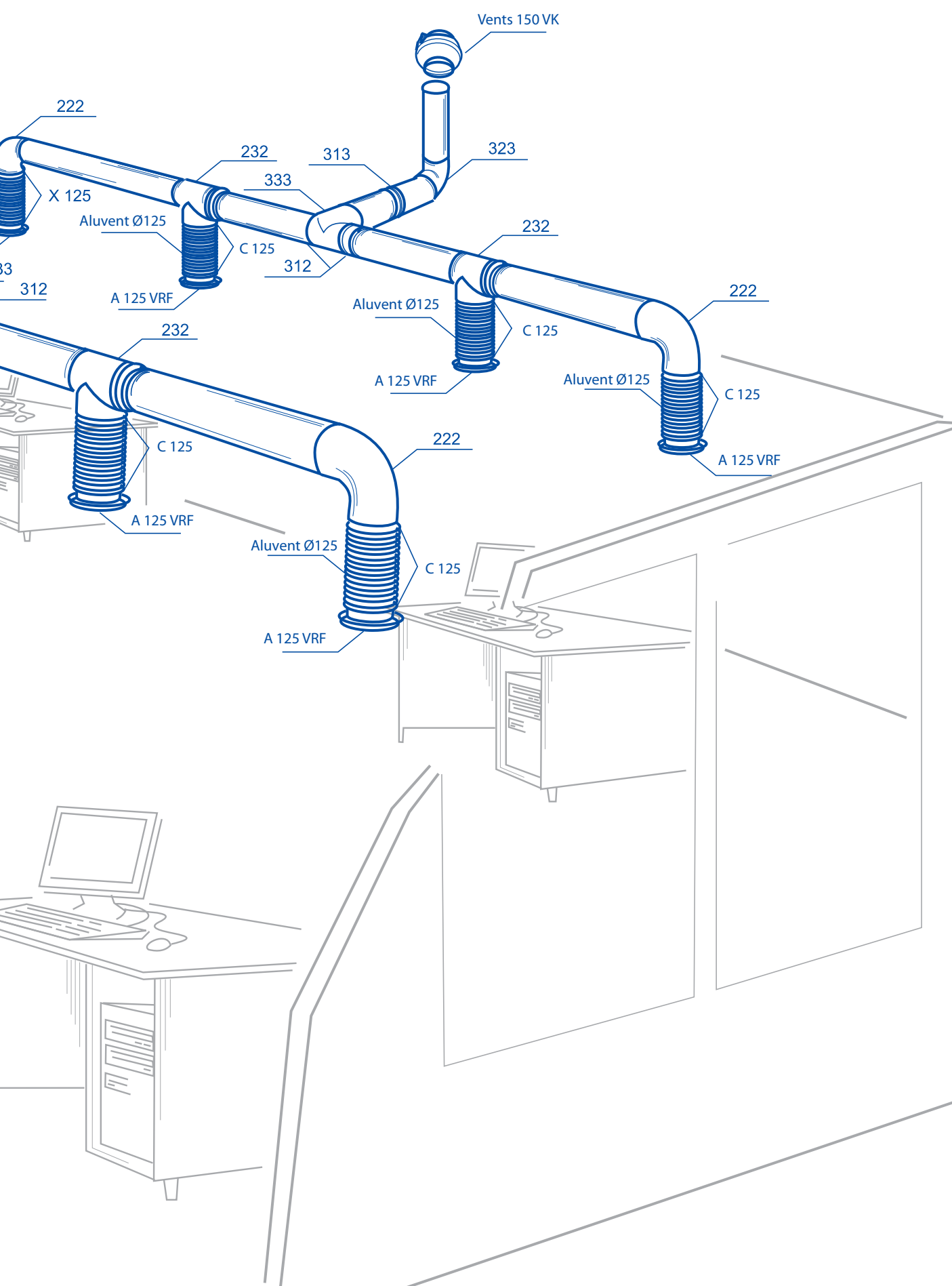


## House



## Office





## Round duct

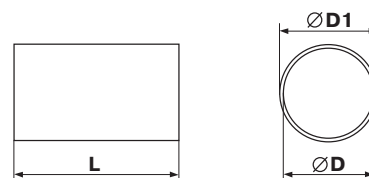


### Application

- Supply and exhaust ventilation of various premises.
- Formation of round air ductworks.

### Design

- Made of white PVC.
- Diameters: 100, 125, 150 and 200 mm.
- Duct length from 350 to 2500 mm.
- Connected with matching diameter connectors.



| Code  | Dimensions [mm] |     |      |
|-------|-----------------|-----|------|
|       | D               | D1  | L    |
| 10035 | 100             | 103 | 350  |
| 20035 | 125             | 128 | 350  |
| 30035 | 150             | 153 | 350  |
| 40035 | 200             | 204 | 350  |
| 1005  | 100             | 103 | 500  |
| 2005  | 125             | 128 | 500  |
| 3005  | 150             | 153 | 500  |
| 4005  | 200             | 204 | 500  |
| 1010  | 100             | 103 | 1000 |
| 2010  | 125             | 128 | 1000 |
| 3010  | 150             | 153 | 1000 |
| 4010  | 200             | 204 | 1000 |
| 1015  | 100             | 103 | 1500 |
| 2015  | 125             | 128 | 1500 |
| 3015  | 150             | 153 | 1500 |
| 4015  | 200             | 204 | 1500 |
| 1020  | 100             | 103 | 2000 |
| 2020  | 125             | 128 | 2000 |

| Code    | Dimensions [mm] |     |      |
|---------|-----------------|-----|------|
|         | D               | D1  | L    |
| 3020    | 150             | 153 | 2000 |
| 4020    | 200             | 204 | 2000 |
| 1025    | 100             | 103 | 2500 |
| 2025    | 125             | 128 | 2500 |
| 3025    | 150             | 153 | 2500 |
| 4025    | 200             | 204 | 2500 |
| 10035/2 | 104             | 107 | 350  |
| 20035/2 | 129             | 132 | 350  |
| 1005/2  | 104             | 107 | 500  |
| 2005/2  | 129             | 132 | 500  |
| 1010/2  | 104             | 107 | 1000 |
| 2010/2  | 129             | 132 | 1000 |
| 1015/2  | 104             | 107 | 1500 |
| 2015/2  | 129             | 132 | 1500 |
| 1020/2  | 104             | 107 | 2000 |
| 2020/2  | 129             | 132 | 2000 |
| 1025/2  | 104             | 107 | 2500 |
| 2025/2  | 129             | 132 | 2500 |

## Round telescopic duct



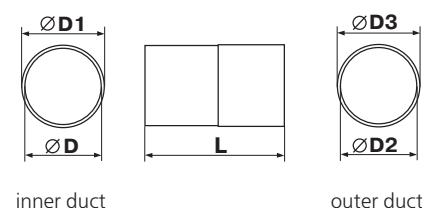
### Application

- Supply and exhaust ventilation of various premises.
- Wall mounting.

### Design

- Made of white PVC.
- Telescopic design of two parts.
- Diameters: 100, 125, 150 mm.
- Air duct length is adjusted within 300 to 500 mm or 500 to 1000 mm.

| Code | Dimensions [mm] |     |     |     |          |
|------|-----------------|-----|-----|-----|----------|
|      | D               | D1  | D2  | D3  | L        |
| 1805 | 100             | 103 | 104 | 107 | 300-500  |
| 2805 | 125             | 128 | 129 | 132 | 300-500  |
| 3805 | 150             | 153 | 154 | 157 | 300-500  |
| 1810 | 100             | 103 | 104 | 107 | 500-1000 |
| 2810 | 125             | 128 | 129 | 132 | 500-1000 |
| 3810 | 150             | 153 | 154 | 157 | 500-1000 |



inner duct

outer duct

## Round flexible duct connector



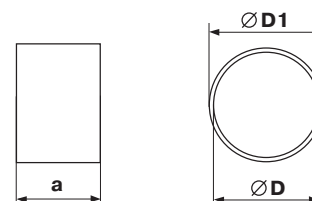
### Application

- Supply and exhaust ventilation of various premises.
- Connection of flexible round ducts.

### Design

- Made of white PVC.
- Cover the connector with air duct and fix it with clamps.
- Connecting diameters: 100, 125, 150, 200 mm.

| Code | Dimensions [mm] |     |     |
|------|-----------------|-----|-----|
|      | a               | D   | D1  |
| 1113 | 60              | 100 | 103 |
| 2123 | 60              | 125 | 128 |
| 3133 | 60              | 150 | 153 |
| 4143 | 60              | 200 | 204 |



## 90° bend for round ducts



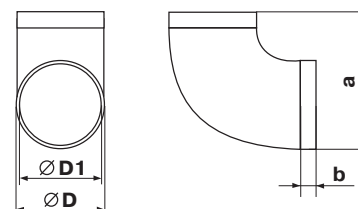
### Application

- Supply and exhaust ventilation of various premises.
- Connection of same diameter air ducts at 90°.

### Design

- Made of white plastic.
- Connecting diameters: 100, 125, 150 mm.

| Code | Dimensions [mm] |     |     |    |
|------|-----------------|-----|-----|----|
|      | D               | D1  | a   | b  |
| 121  | 100             | 97  | 137 | 30 |
| 222  | 125             | 122 | 164 | 30 |
| 323  | 150             | 147 | 189 | 30 |



## T-joint for round ducts



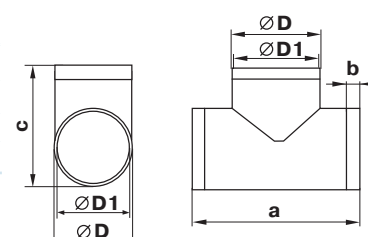
### Application

- Formation of branch connections in supply or exhaust ventilation systems located in residential, public and other buildings.
- Connection of same diameter round ducts and integration into complex ventilation systems.

### Design

- Made of white plastic.
- Connection of same diameter three round ducts at 90°.
- Connecting diameters: 100, 125, 150 mm.

| Code | Dimensions [mm] |     |     |    |     |
|------|-----------------|-----|-----|----|-----|
|      | D               | D1  | a   | b  | c   |
| 131  | 100             | 97  | 173 | 30 | 139 |
| 232  | 125             | 122 | 198 | 30 | 164 |
| 333  | 150             | 147 | 223 | 30 | 189 |



Wall plate  
for round ducts



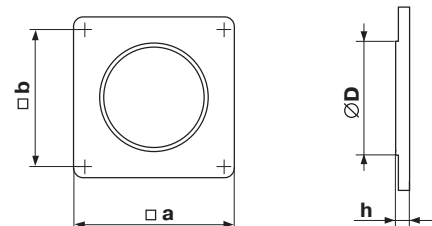
## Application

- Supply and exhaust ventilation of various premises.
- Connection of air ducts to ventilation shafts.
- Decoration of mounting openings.

## Design

- Made of white plastic.
- Screw fixing to wall.
- Connecting diameters: 100, 125, 150, 200 mm.

| Code | Dimensions [mm] |   |     |     |
|------|-----------------|---|-----|-----|
|      | D               | h | a   | b   |
| 15   | 103             | 3 | 150 | 134 |
| 25   | 128             | 3 | 170 | 154 |
| 35   | 151             | 3 | 204 | 188 |
| 45   | 204             | 3 | 284 | 268 |



Round  
duct connector



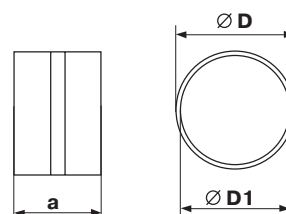
## Application

- Supply and exhaust ventilation of various premises.
- Connection of same diameter air ducts.

## Design

- Made of white plastic.
- Designed for direct installation into air duct and equipped with a lock ring.
- Connecting diameters: 100, 125, 150, 200 mm.

| Code | Dimensions [mm] |     |    |
|------|-----------------|-----|----|
|      | D               | D1  | a  |
| 111  | 100             | 96  | 62 |
| 212  | 125             | 123 | 62 |
| 313  | 150             | 148 | 62 |
| 414  | 200             | 197 | 62 |



Connector  
with backdraft damper  
for round ducts



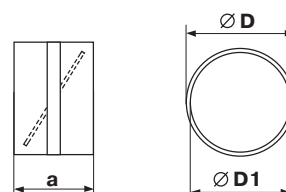
## Application

- Supply and exhaust ventilation of various premises.
- Connection of same diameter air ducts.

## Design

- Made of white plastic.
- Equipped with a backdraft damper for back flow prevention.
- Designed for direct installation into air duct and equipped with a lock ring.
- Connecting diameters: 100, 125, 150, 200 mm.

| Code | Dimensions [mm] |     |    |
|------|-----------------|-----|----|
|      | D               | D1  | a  |
| 1111 | 100             | 96  | 62 |
| 2121 | 125             | 123 | 62 |
| 3131 | 150             | 148 | 62 |
| 4141 | 200             | 197 | 62 |



## Connector with backdraft damper and wall plate for round ducts



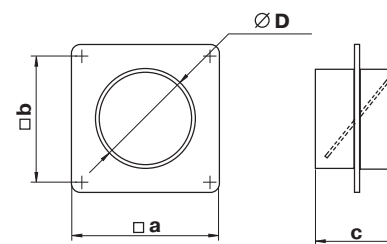
### Application

- Supply and exhaust ventilation of various premises.
- Connection of same diameter air ducts.
- Decoration of mounting openings.

### Design

- Made of white plastic.
- Equipped with a wall plate for decoration of mounting openings.
- Equipped with a backdraft damper for back flow prevention.
- Screw fixing to wall.
- Connecting diameters: 100, 125, 150, 200 mm.

| Code | Dimensions [mm] |     |    |     |
|------|-----------------|-----|----|-----|
|      | a               | b   | c  | D   |
| 1511 | 150             | 134 | 62 | 100 |
| 2521 | 170             | 154 | 62 | 125 |
| 3531 | 204             | 188 | 62 | 150 |
| 4541 | 284             | 268 | 62 | 200 |



## Connector with plate for round ducts



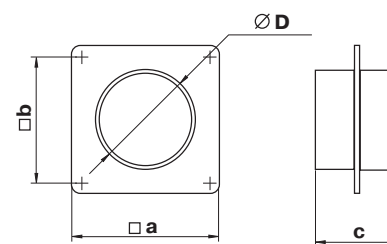
### Application

- Supply and exhaust ventilation of various premises.
- Connection of same diameter air ducts.
- Decoration of mounting openings.

### Design

- Made of white plastic.
- Equipped with a wall plate for decoration of mounting openings.
- Screw fixing to wall.
- Connecting diameters: 100, 125, 150, 200 mm.

| Code | Dimensions [mm] |     |    |     |
|------|-----------------|-----|----|-----|
|      | a               | b   | c  | D   |
| 151  | 150             | 134 | 62 | 100 |
| 252  | 170             | 154 | 62 | 125 |
| 353  | 204             | 188 | 62 | 150 |
| 454  | 284             | 268 | 62 | 200 |



## Reducer



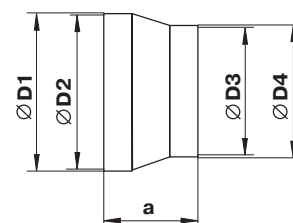
### Application

- Supply and exhaust ventilation of various premises.
- Connection of various diameter air ducts.

### Design

- Made of white plastic.
- Connecting diameters: 80-100, 100-120, 100-125, 100-150, 125-150, 150-200 mm.

| Code | Dimensions [mm] |     |     |      |     |
|------|-----------------|-----|-----|------|-----|
|      | a               | D1  | D2  | D3   | D4  |
| 110  | 60              | 103 | 100 | 76   | 80  |
| 211  | 60              | 129 | 125 | 96   | 100 |
| 311  | 96              | 154 | 150 | 98,5 | 100 |
| 312  | 60              | 154 | 150 | 121  | 125 |
| 413  | 71              | 204 | 200 | 146  | 150 |
| 611  | 60              | 124 | 120 | 98,5 | 99  |



## Reducer



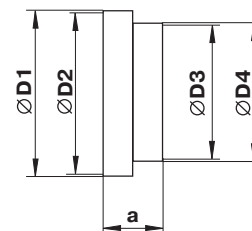
### Application

- Supply and exhaust ventilation of various premises.
- Connection of Ø 120 and 125 mm round air ducts.

### Design

- Made of white plastic.
- Connecting diameters: 125-129 mm.

| Code | Dimensions [mm] |     |     |     |     |
|------|-----------------|-----|-----|-----|-----|
|      | a               | D1  | D2  | D3  | D4  |
| 216  | 42              | 129 | 125 | 115 | 119 |



## Round step reducer



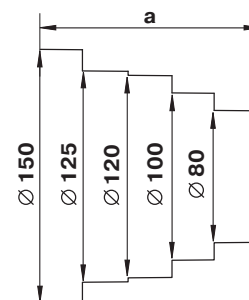
### Application

- Supply and exhaust ventilation of various premises.
- Connection of various sized air duct.

### Design

- Made of white plastic.
- Connecting diameters: 80-100-120-125-150 mm.
- Cut out spare length piece to get the required size.

| Code | Dimensions [mm] |                    |
|------|-----------------|--------------------|
|      | a               | Ø                  |
| 310  | 125             | 80-100-120-125-150 |



## Round to flat connector



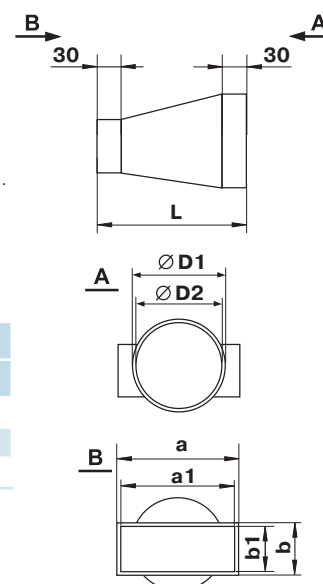
### Application

- Supply and exhaust ventilation of various premises.
- Connection of round and flat ducts.

### Design

- Made of white plastic.
- Direct connection to round and flat ducts.
- Connecting ducts: 100-55x100, 100-60x122, 125-60x204 mm.

| Code | Dimensions [mm] |     |    |    |     |     |     |
|------|-----------------|-----|----|----|-----|-----|-----|
|      | a               | a1  | b  | b1 | D1  | D2  | L   |
| 511  | 113             | 110 | 59 | 55 | 103 | 100 | 137 |
| 711  | 124             | 122 | 64 | 60 | 103 | 100 | 137 |
| 812  | 208             | 204 | 64 | 60 | 128 | 125 | 140 |



## Round flexible duct connector



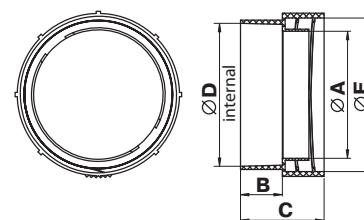
### Application

- Supply and exhaust ventilation of various premises.
- Connection of flexible ducts with plastic system components.

### Design

- Made of white plastic.
- Connection to flexible air ducts without clamps.
- Flexible spiral seam duct is connected to one side and the other side is connected to  $\varnothing 100$  mm flange.
- Left or right (R) thread. Right thread connectors are used with Polyvents air ducts.

| Code  | Dimensions [mm] |    |    |     |     |
|-------|-----------------|----|----|-----|-----|
|       | A               | B  | C  | D   | E   |
| 1214  | 90              | 30 | 60 | 100 | 110 |
| 1214R | 90              | 30 | 60 | 100 | 110 |



## Round flexible duct connector



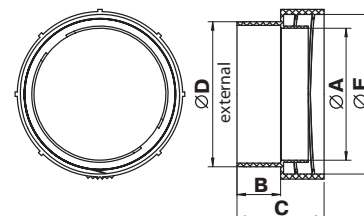
### Application

- Supply and exhaust ventilation of various premises.
- Connection of flexible ducts with plastic system components.

### Design

- Made of white plastic.
- Connection to flexible air ducts without clamps.
- Flexible spiral seam duct is connected to one side and the other side is connected to  $\varnothing 100$  mm air duct.
- Left or right (R) thread. Right thread connectors are used with Polyvents air ducts.

| Code  | Dimensions [mm] |    |    |     |     |
|-------|-----------------|----|----|-----|-----|
|       | A               | B  | C  | D   | E   |
| 1215  | 90              | 30 | 60 | 100 | 110 |
| 1215R | 90              | 30 | 60 | 100 | 110 |



## Holder for round ducts



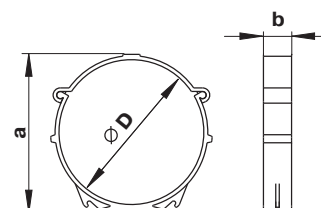
### Application

- Supply and exhaust ventilation of various premises.
- Mounting of round ducts to wall, ceiling or any other plane surface.

### Design

- Made of white plastic.
- Fixation to plane surface with screws.
- Special snaps provide reliable fixation of the duct with the holder.
- Connecting diameters: 100, 125, 150, 200 mm.

| Code | Dimensions [mm] |    |     |
|------|-----------------|----|-----|
|      | a               | b  | D   |
| 16   | 113             | 20 | 103 |
| 26   | 138             | 20 | 128 |
| 36   | 163             | 20 | 153 |
| 46   | 213             | 20 | 203 |



## Flat duct

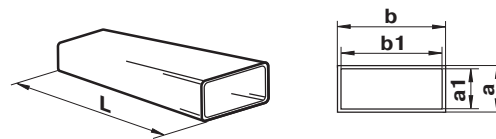


### Application

- Supply and exhaust ventilation of various premises.
- Formation of flat air ductworks.

### Design

- Made of white PVC.
- Size: 55x110, 60x122, 60x204 mm.
- Duct length from 350 to 2500 mm.
- Connected with matching connectors.



| Code  | Dimensions [mm] |     |    |     |      |
|-------|-----------------|-----|----|-----|------|
|       | a               | b   | a1 | b1  | L    |
| 50035 | 55              | 110 | 52 | 107 | 350  |
| 70035 | 60              | 122 | 57 | 119 | 350  |
| 80035 | 60              | 204 | 57 | 200 | 350  |
| 5005  | 55              | 110 | 52 | 107 | 500  |
| 7005  | 60              | 122 | 57 | 119 | 500  |
| 8005  | 60              | 204 | 57 | 200 | 500  |
| 5010  | 55              | 110 | 52 | 107 | 1000 |
| 7010  | 60              | 122 | 57 | 119 | 1000 |
| 8010  | 60              | 204 | 57 | 200 | 1000 |

| Code | Dimensions [mm] |     |    |     |      |
|------|-----------------|-----|----|-----|------|
|      | a               | b   | a1 | b1  | L    |
| 5015 | 55              | 110 | 52 | 107 | 1500 |
| 7015 | 60              | 122 | 57 | 119 | 1500 |
| 8015 | 60              | 204 | 57 | 200 | 1500 |
| 5020 | 55              | 110 | 52 | 107 | 2000 |
| 7020 | 60              | 122 | 57 | 119 | 2000 |
| 8020 | 60              | 204 | 57 | 200 | 2000 |
| 5025 | 55              | 110 | 52 | 107 | 2500 |
| 7025 | 60              | 122 | 57 | 119 | 2500 |
| 8025 | 60              | 204 | 57 | 200 | 2500 |

## Flat duct connector



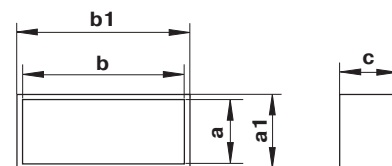
### Application

- Supply and exhaust ventilation of various premises.
- Connection of same sized flat ducts.

### Design

- Made of white plastic.
- Designed for installation into air duct and equipped with a lock ring for easy jointing.
- Connecting sizes: 55x100, 60x122, 60x204 mm.

| Code | Dimensions [mm] |     |    |     |    |
|------|-----------------|-----|----|-----|----|
|      | a               | b   | a1 | b1  | c  |
| 515  | 55              | 110 | 59 | 114 | 66 |
| 717  | 60              | 122 | 63 | 125 | 69 |
| 818  | 60              | 204 | 64 | 208 | 91 |



## Flat duct connector with damper



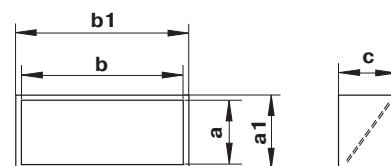
### Application

- Supply and exhaust ventilation of various premises.
- Connection of same sized flat ducts.

### Design

- Made of white plastic.
- Designed for installation into air duct and equipped with a lock ring for easy jointing.
- Equipped with a backdraft damper for back flow prevention.
- Connecting sizes: 55x100, 60x122, 60x204 mm.

| Code | Dimensions [mm] |     |    |     |    |
|------|-----------------|-----|----|-----|----|
|      | a               | b   | a1 | b1  | c  |
| 5151 | 55              | 110 | 59 | 114 | 66 |
| 7171 | 60              | 122 | 63 | 125 | 70 |
| 8181 | 60              | 204 | 64 | 208 | 91 |



## Flexible flat duct connector



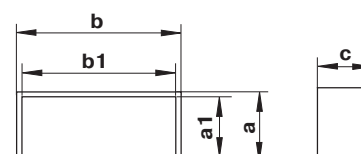
### Application

- Supply and exhaust ventilation of various premises.
- Connection of same sized flat flexible ducts.

### Design

- Made of white PVC.
- Cover the connector with air duct and fix it with clamps.
- Connecting sizes: 55x100, 60x122, 60x204 mm.

| Code | Dimensions [mm] |     |    |     |    |
|------|-----------------|-----|----|-----|----|
|      | a               | b   | a1 | b1  | c  |
| 5153 | 55              | 110 | 52 | 107 | 60 |
| 7173 | 60              | 122 | 57 | 119 | 60 |
| 8183 | 60              | 204 | 57 | 200 | 60 |



## Air duct connector with a plate



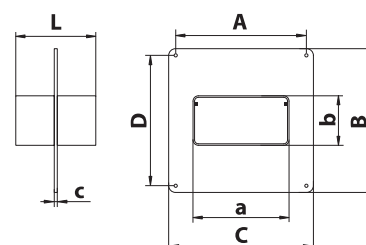
### Application

- Supply or exhaust ventilation of various premises.
- Connection of single size flat air ducts.
- Decoration of mounting opening and connections to wall.

### Design

- Made of white plastic.
- Air ducts are fitted inside the connector.
- Equipped with lock rings for easy adjustment.
- Screw fixing to wall.
- Connecting sizes: 55x110, 60x120, 60x204 mm.

| Code | Dimensions [mm] |    |   |     |     |     |     |     |
|------|-----------------|----|---|-----|-----|-----|-----|-----|
|      | a               | b  | c | A   | B   | C   | D   | L   |
| 555  | 110             | 55 | 2 | 141 | 154 | 154 | 141 | 131 |
| 757  | 120             | 60 | 2 | 141 | 154 | 154 | 141 | 131 |
| 858  | 204             | 60 | 3 | 229 | 154 | 242 | 141 | 186 |



## Air duct connector with a plate and a back valve



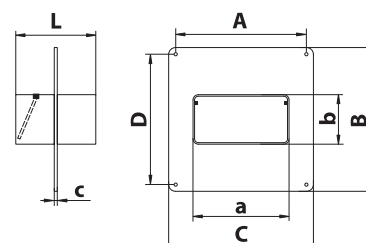
### Application

- Supply or exhaust ventilation of various premises.
- Connection of single size flat air ducts.
- Decoration of mounting opening and connections to wall.

### Design

- Made of white plastic.
- Air ducts are fitted inside the connector.
- Equipped with lock rings for easy adjustment.
- Equipped with a back valve to prevent back drafting.
- Screw fixing to wall.
- Connecting sizes: 55x110, 60x120, 60x204 mm.

| Code | Dimensions [mm] |    |   |     |     |     |     |     |
|------|-----------------|----|---|-----|-----|-----|-----|-----|
|      | a               | b  | c | A   | B   | C   | D   | L   |
| 5551 | 110             | 55 | 2 | 141 | 154 | 154 | 141 | 131 |
| 7571 | 120             | 60 | 2 | 141 | 154 | 154 | 141 | 131 |
| 8581 | 204             | 60 | 3 | 229 | 154 | 242 | 141 | 186 |



## Vertical 90° bend for flat ducts



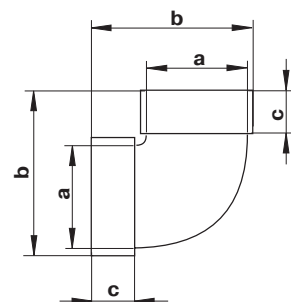
### Application

- Supply and exhaust ventilation of various premises.
- Connection of same sized flat ducts at 90° vertically.

### Design

- Made of white plastic.
- Connecting sizes: 55x100, 60x122, 60x204 mm.

| Code | Dimensions [mm] |     |    |
|------|-----------------|-----|----|
|      | a               | b   | c  |
| 5252 | 55x110          | 89  | 32 |
| 7272 | 60x120          | 93  | 32 |
| 8282 | 60x204          | 103 | 42 |



## Horizontal 90° bend for flat ducts



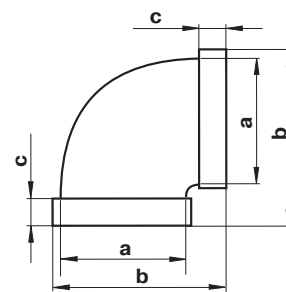
### Application

- Supply and exhaust ventilation of various premises.
- Connection of same sized flat ducts at 90° horizontally.

### Design

- Made of white plastic.
- Connecting sizes: 55x100, 60x122, 60x204 mm.

| Code | Dimensions [mm] |     |    |
|------|-----------------|-----|----|
|      | a               | b   | c  |
| 5251 | 55x110          | 143 | 32 |
| 7271 | 60x122          | 155 | 32 |
| 8281 | 60x204          | 238 | 32 |



## Versatile flat angular connector



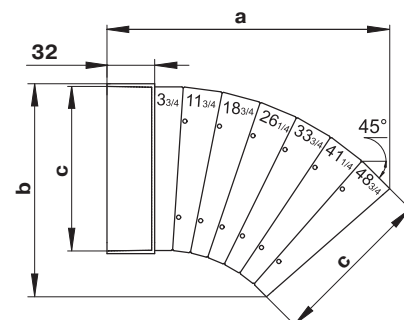
### Application

- Supply and exhaust ventilation of various premises.
- Angular connection of flat ducts.

### Design

- Made of white plastic.
- Turning point angle from 3° to 48°.
- Depending on selected turning angle one connector side is cut out. Connection to the flat duct through matching sized connector.
- On flange side direct connection to flat duct of respective size.
- Connecting section: 55x100 and 60x204 mm.

| Code  | Dimensions [mm] |     |        |
|-------|-----------------|-----|--------|
|       | a               | b   | c      |
| 52510 | 190             | 143 | 55x110 |
| 82810 | 286             | 247 | 60x204 |



## T-joint for flat ducts



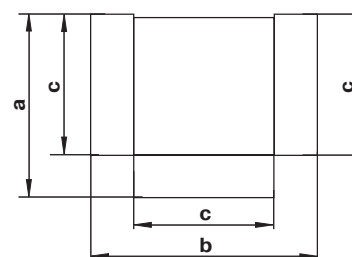
### Application

- Formation of branch connections in supply or exhaust ventilation systems located in residential, public and other buildings.
- Connection of same sized flat ducts and integration into complex ventilation systems.

### Design

- Made of white plastic.
- Connection of same sized three flat ducts at 90°.
- Connecting sizes: 55x100, 60x122, 60x204 mm.
- Direct connection to matching sized ducts.

| Code | Dimensions [mm] |     |        |
|------|-----------------|-----|--------|
|      | a               | b   | c      |
| 535  | 144             | 174 | 55x110 |
| 737  | 155             | 185 | 60x122 |
| 838  | 248             | 288 | 60x204 |



## Flat duct holder



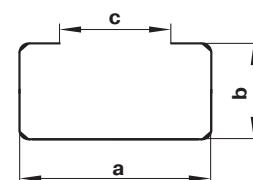
### Application

- Supply and exhaust ventilation of various premises.
- Mounting of flat ducts to wall, ceiling or any other plane surface.

### Design

- Made of white plastic.
- Fixation to plane surface with screws.
- Specially designed configuration provides reliable duct to holder fixation and quick dismantling.
- Connecting sizes: 55x100, 60x122, 60x204 mm.

| Code | Dimensions [mm] |    |     |
|------|-----------------|----|-----|
|      | a               | b  | c   |
| 56   | 114             | 59 | 74  |
| 76   | 126             | 64 | 86  |
| 86   | 209             | 65 | 169 |



## 90° connecting bend for flat and round ducts



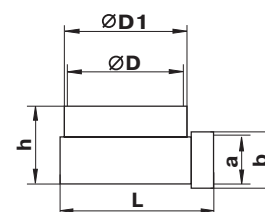
### Application

- Supply and exhaust ventilation of various premises.
- Connection of flat and round ducts at 90°.

### Design

- Made of white plastic.
- Connecting dimensions: 55x110-100, 60x122-100, 60x204-100, 60x204-125, 60x204-150 mm.
- Flat ducts have direct connection and round ducts are connected through a matching connector.

| Code | Dimensions [mm] |     |     |        |    |     |
|------|-----------------|-----|-----|--------|----|-----|
|      | a               | D   | D1  | b      | h  | L   |
| 521  | 55x110          | 100 | 103 | 58x113 | 87 | 138 |
| 721  | 60x122          | 100 | 103 | 63x125 | 87 | 140 |
| 821  | 60x204          | 97  | 100 | 64x208 | 92 | 140 |
| 822  | 60x204          | 122 | 125 | 64x208 | 92 | 164 |
| 823  | 60x204          | 147 | 150 | 64x208 | 92 | 188 |



## T-joint for flat and round ducts



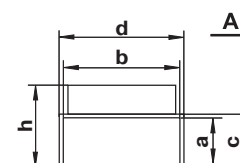
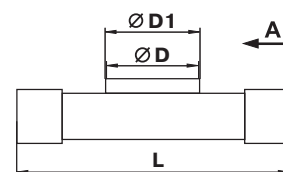
### Application

- Formation of branch connections in supply or exhaust ventilation systems located in residential, public and other buildings.
- Connection of flat and round ducts.

### Design

- Made of white plastic.
- Connecting dimensions: 55x110-100 mm.
- Direct connection to air duct.

| Code | Dimensions [mm] |     |     |    |     |    |     |
|------|-----------------|-----|-----|----|-----|----|-----|
|      | a x b           | D   | D1  | c  | d   | h  | L   |
| 531  | 55x110          | 100 | 103 | 58 | 113 | 87 | 172 |



## Reducer for flat ducts



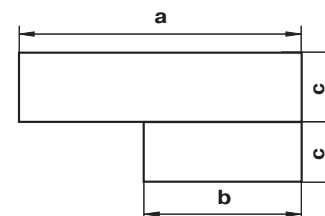
### Application

- Supply and exhaust ventilation of various premises.
- Connection of flat different sized ducts.

### Design

- Made of white plastic.
- Connecting dimensions: 55x110-60x204 mm.

| Code | Dimensions [mm] |        |    |
|------|-----------------|--------|----|
|      | a               | b      | c  |
| 518  | 60x204          | 55x110 | 30 |



## Wall plate for flat ducts



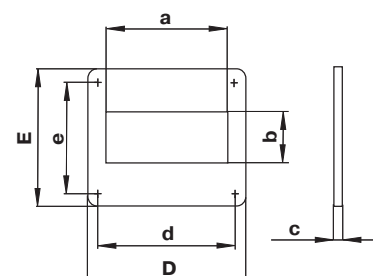
### Application

- Supply and exhaust ventilation of various premises.
- Connection of air ducts to ventilation shafts.
- Decoration of mounting openings.

### Design

- Made of white plastic.
- Screw fixing to wall.
- Connecting sizes: 55x100, 60x122, 60x204 mm.

| Code | Dimensions [mm] |    |   |     |     |     |     |
|------|-----------------|----|---|-----|-----|-----|-----|
|      | a               | b  | c | d   | e   | D   | E   |
| 55   | 111             | 56 | 2 | 141 | 141 | 154 | 154 |
| 75   | 123             | 61 | 2 | 141 | 141 | 154 | 154 |
| 85   | 205             | 61 | 3 | 229 | 141 | 242 | 154 |



## End grille



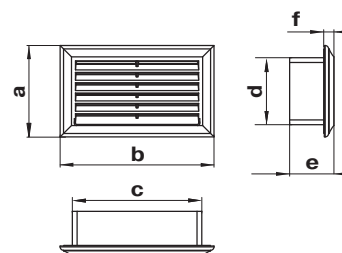
### Application

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

### Design

- Made of white plastic.
- Detachable front part facilitates cleaning.
- Modification with an insect screen (s) is available.
- Connecting dimensions: 55x110 and 60x204 mm.

| Code | Dimensions [mm] |     |     |    |    |   |
|------|-----------------|-----|-----|----|----|---|
|      | a               | b   | c   | d  | e  | f |
| 571  | 88              | 137 | 114 | 59 | 73 | 9 |
| 871  | 93              | 232 | 208 | 64 | 76 | 9 |



## End grille with air pass regulation



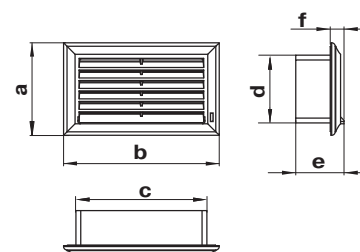
### Application

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

### Design

- Made of white plastic.
- Equipped with a movable flap for air capacity regulation.
- Air pass is regulated with a tilt wand.
- Detachable front part facilitates cleaning.
- Modification with an insect screen (s) is available.
- Matches with 55x110 and 60x204 mm air ducts.

| Code | Dimensions [mm] |     |     |    |    |    |
|------|-----------------|-----|-----|----|----|----|
|      | a               | b   | c   | d  | e  | f  |
| 572  | 88              | 137 | 114 | 59 | 73 | 18 |
| 872  | 93              | 232 | 208 | 64 | 76 | 18 |



## Reducer for flat and round ducts



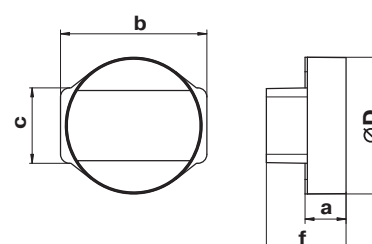
### Application

- Supply and exhaust ventilation of various premises.
- Flat to round duct connection.

### Design

- Made of white plastic.
- Connecting dimensions: 55x110-100 mm.
- Direct connection of reducer to round and flat ducts.

| Code | Dimensions [mm] |     |    |    |
|------|-----------------|-----|----|----|
|      | cx b            | Ø D | f  | a  |
| 115  | 58x114          | 103 | 62 | 32 |



## Reducer for flat and round ducts



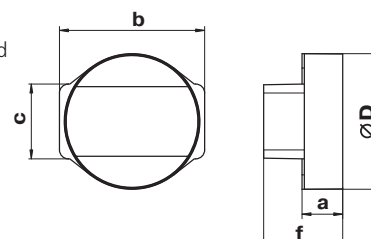
### Application

- Supply and exhaust ventilation of various premises.
- Flat to round duct connection.

### Design

- Made of white plastic.
- Connecting dimensions: 55x110-100 mm.
- Reducer has direct connection to flat air ducts and connection through connector to round ducts

| Code | Dimensions [mm] |     |    |    |
|------|-----------------|-----|----|----|
|      | cx b            | Ø D | f  | a  |
| 1156 | 58x114          | 100 | 62 | 32 |



## Wall plate with flange



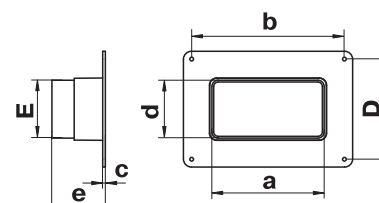
### Application

- Supply and exhaust ventilation of various premises.
- Connection of air ducts to ventilation shafts.
- Decoration of mounting openings.

### Design

- Made of white plastic.
- Screw fixing to wall.
- Connecting sizes: 60x122 mm.

| Code | Dimensions [mm] |     |   |    |     |    |    |
|------|-----------------|-----|---|----|-----|----|----|
|      | a               | b   | c | d  | D   | e  | E  |
| 750  | 126             | 172 | 3 | 65 | 113 | 60 | 65 |



## Round to flat connector (symmetric)



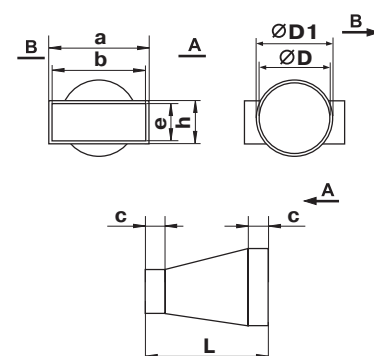
### Application

- Supply and exhaust ventilation of various premises.
- Connection of round and flat ducts.

### Design

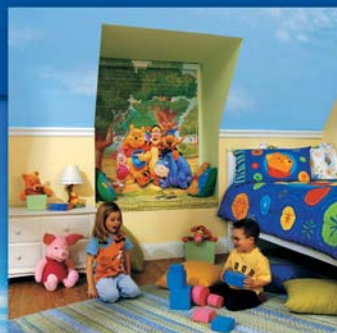
- Made of white plastic.
- Direct connection flat duct, connection to round duct with connector.
- Connecting ducts: 100-60x122 mm.

| Code | Dimensions [mm] |     |    |     |      |    |    |     |
|------|-----------------|-----|----|-----|------|----|----|-----|
|      | a               | b   | c  | Ø D | Ø D1 | e  | h  | L   |
| 7112 | 124             | 122 | 30 | 100 | 103  | 60 | 64 | 137 |



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round and flat PVC ducting



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06/2013

