## Flat duct



Flat duct connector


Flat duct connector with damper

## application

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


## Design

- Made of white PVC.
- Size: $55 \times 110,60 \times 122,60 \times 204 \mathrm{~mm}$.

- 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 |

## Application

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


## a Design

- Made of white plastic
- Designed for installation into air duct and equipped with a lock ring for easy jointing
- Connecting sizes: $55 \times 100,60 \times 122,60 \times 204 \mathrm{~mm}$.

| 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 |



## - 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: $55 \times 100,60 \times 122,60 \times 204 \mathrm{~mm}$.

| 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



Air duct connector with a plate


Air duct connector with a plate and a back valve

## 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: $55 \times 100,60 \times 122,60 \times 204 \mathrm{~mm}$.

| 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 |



## - 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: $55 \times 110,60 \times 120,60 \times 204 \mathrm{~mm}$.

| 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 |



## a 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: $55 \times 110,60 \times 120,60 \times 204 \mathrm{~mm}$.

|  | Dimensions [mm] |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Code | a | b | c | A | B | C | D | L |
|  | 110 | 55 | 2 | 141 | 154 | 154 | 141 | 131 |
| 5551 | 110 | 5151 | 120 | 60 | 2 | 141 | 154 | 154 |
| 141 | 131 |  |  |  |  |  |  |  |
| 8581 | 204 | 60 | 3 | 229 | 154 | 242 | 141 | 186 |



Vertical $90^{\circ}$ bend for flat ducts


## Horizontal $90^{\circ}$ bend

 for flat ductsVersatile flat angular connector

## a Application

- Supply and exhaust ventilation of various premises.
- Connection of same sized flat ducts at $90^{\circ}$ vertically.


## Design

- Made of white plastic.
- Connecting sizes: $55 \times 100,60 \times 122,60 \times 204 \mathrm{~mm}$.

| Code | Dimensions [mm] |  |  |
| :---: | :---: | :---: | :---: |
|  | a | b | c |
| 5252 | $55 \times 110$ | 89 | 32 |
| 7272 | $60 \times 120$ | 93 | 32 |
| 8282 | $60 \times 204$ | 103 | 42 |



## - Application

- Supply and exhaust ventilation of various premises.
- Connection of same sized flat ducts at $90^{\circ}$ horizontally.


## - Design

- Made of white plastic.
- Connecting sizes: $55 \times 100,60 \times 122,60 \times 204 \mathrm{~mm}$.

| Code | Dimensions [mm] |  |  |
| :---: | :---: | :---: | :---: |
|  | a | b | c |
| 5251 | $55 \times 110$ | 143 | 32 |
| 7271 | $60 \times 122$ | 155 | 32 |
| 8281 | $60 \times 204$ | 238 | 32 |



## application

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


## - Design

- Made of white plastic.
- Turning point angle from $3^{\circ}$ to $48^{\circ}$.
- 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: $55 \times 100$ and $60 \times 204 \mathrm{~mm}$.

| Code | Dimensions [mm] |  |  |
| :---: | :---: | :---: | :---: |
|  | a | b | c |
| 52510 | 190 | 143 | $55 \times 110$ |
| 82810 | 286 | 247 | $60 \times 204$ |



## T-joint for flat ducts



## Flat duct holder

## $90^{\circ}$ connecting bend 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 same sized flat ducts and integration into complex ventilation systems.


## - Design

- Made of white plastic.
- Connection of same sized three flat ducts at $90^{\circ}$.
- Connecting sizes: $55 \times 100,60 \times 122,60 \times 204 \mathrm{~mm}$.
- Direct connection to matching sized ducts.

| Code | Dimensions [mm] |  |  |
| :---: | :---: | :---: | :---: |
|  | a | b | c |
| 535 | 144 | 174 | $55 \times 110$ |
| 737 | 155 | 185 | $60 \times 122$ |
| 838 | 248 | 288 | $60 \times 204$ |



## 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: $55 \times 100,60 \times 122,60 \times 204 \mathrm{~mm}$.

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



## application

- Supply and exhaust ventilation of various premises.
- Connection of flat and round ducts at $90^{\circ}$.


## - Design

- Made of white plastic.
- Connectingdimensions:55x110-100,60×122-100,60×204-100,60×204-125,60×204-150mm.
- Flat ducts have direct connection and round ducts are connected through a matching connector.

|  | Dimensions [mm] |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Code | a | D | D1 | b | h | L |
|  | 521 | $55 \times 110$ | 100 | 103 | $58 \times 113$ | 87 |
| 721 | $60 \times 122$ | 100 | 103 | $63 \times 125$ | 87 | 140 |
| 821 | $60 \times 204$ | 97 | 100 | $64 \times 208$ | 92 | 140 |
| 822 | $60 \times 204$ | 122 | 125 | $64 \times 208$ | 92 | 164 |
| 823 | $60 \times 204$ | 147 | 150 | $64 \times 208$ | 92 | 188 |



## T－joint for flat and round ducts



Reducer for flat ducts

Wall plate for flat 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： $55 \times 110-100 \mathrm{~mm}$ ．
－Direct connection to air duct．


| Code | Dimensions［mm］ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | axb | D | D1 | c | d | h | L |  |
| 531 | $55 \times 110$ | 100 | 103 | 58 | 113 | 87 | 172 |  |



## 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］ |  |  |
| :---: | :---: | :---: | :---: |
|  | b | a | c |
| 518 | $60 \times 204$ | $55 \times 110$ | 30 |



## －Application

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

## a Design

－Made of white plastic．
－Screw fixing to wall．
－Connecting sizes： $55 \times 100,60 \times 122,60 \times 204 \mathrm{~mm}$ ．

| 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



## End grille

 with air pass regulation

Reducer for flat and round ducts

## 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: $55 \times 110$ and $60 \times 204 \mathrm{~mm}$.

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



## - 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 $55 \times 110$ and $60 \times 204$ mm air ducts.

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



## - Application

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


## - Design

- Made of white plastic.
- Connecting dimensions: $55 \times 110-100 \mathrm{~mm}$.
- Direct connection of reducer to round and flat ducts.

|  | Dimensions [mm] |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Code | cxb | ØD | f | a |
| 115 | $58 \times 114$ | 103 | 62 | 32 |



Reducer for flat and round ducts

## Wall plate with flange

Round to flat connector (symmetric)

## 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

|  | Dimensions [mm] |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Code | $c \times b$ | $\varnothing D$ | $f$ | $a$ |
|  | $58 \times 114$ | 100 | 62 | 32 |



## Application

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


## a Design

- Made of white plastic.
- Screw fixing to wall.
- Connecting sizes: $60 \times 122 \mathrm{~mm}$.

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



## - 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: $100-60 \times 122 \mathrm{~mm}$.

| Code | Dimensions [mm] |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | a | b | c | $\varnothing$ D | $\varnothing$ D1 | e | h | L |  |  |
|  | 124 | 122 | 30 | 100 | 103 | 60 | 64 | 137 |  |  |



