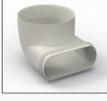
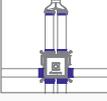


	<b>28406</b> Flexible duct	page 2		<b>28413</b> Straight double adaptor 2 × 140 × 60 mm > Ø 125 mm	page 16
	<b>28134</b> Flat oval duct	page 3		<b>28904</b> Round duct Ø 80 mm	page 17
	<b>28412</b> Flexible connection piece	page 4		<b>28133</b> Connector with integrated rubber gaskets, round Ø 80 mm	page 18
	<b>28129</b> Connector with integrated rubber gaskets, flat	page 5		<b>28131</b> Valve connection Ø 80 mm	page 19
	<b>27589</b> Quick fastener	page 6		<b>28902</b> Adaptor flat to round 140 × 60 mm > Ø 80 mm	page 20
	<b>28411</b> Metal fastening bracket	page 7		<b>28414</b> Concrete duct kit Ø 80 mm	page 21
	<b>28130</b> Horizontal bend 90°	page 8		<b>28906</b> Concrete duct kit Ø 125 mm	page 22
	<b>28901</b> Vertical bend 90°	page 9		<b>27598</b> Cross piece pivot	page 23
	<b>28132</b> Y-piece 2 × 140 × 60 mm > 140 × 60 mm	page 10		<b>28135</b> Distribution box angled 160 mm	page 24
	<b>28903</b> Round duct Ø 125 mm	page 11		<b>28905</b> Distribution box 8 connections	page 25
	<b>27592</b> Connector with integrated rubber gaskets, round Ø 125 mm	page 12		<b>27597</b> Distribution box straight 160 mm	page 26
	<b>27590</b> Valve connection Ø 125 mm	page 13		<b>17810</b> Inspection hatch	page 27
	<b>28407</b> Double valve connection Ø 125 mm	page 14		Easyflex® for multiple rooms	pages 28-29
	<b>27593</b> Adaptor flat to round 140 × 60 mm > Ø 125 mm	page 15			

### Description

Easyflex® is a flexible polyethylene duct with an outer diameter of 140 × 64 mm and an equivalent inner diameter of 90 mm. The smooth inner wall of this double walled duct has an anti-static and antibacterial additive treatment to help prevent dust build-up and bacterial outbreaks.

The limited height of the Easyflex® air duct makes it easy to recess in screed, concrete or stud walls or false ceilings.

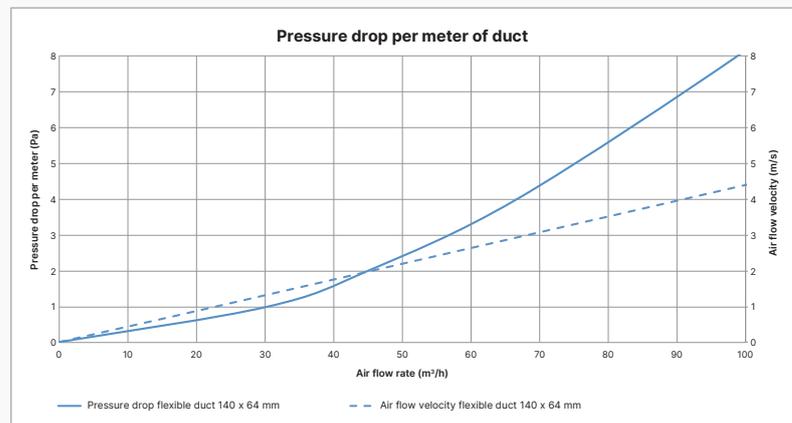
The air duct's broad cross section allows high air flow rates at low velocities, which leads to a quiet ventilation system operation.



Flexible duct – 28406

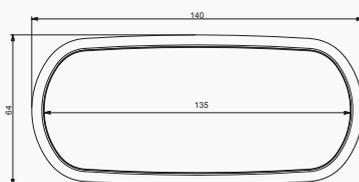
### Product characteristics

- Double walled
  - Ribbed outer sheath
  - Smooth inner sheath
- Made of polyethylene
  - Outer sheath: HDPE RAL 9002
  - Inner sheath: LDPE
- Antibacterial and anti-static
- Best airtightness class D ([www.eurovent-certification.com](http://www.eurovent-certification.com))
- Smooth inner wall
  - Low air flow resistance
  - Easy to clean
- Bending radius on horizontal surface ≥ 400 mm
- Recommended installation temperature: ≥ 0°C



### Packaging

Art. No.: 28406  
 Dimensions: 140 × 64 mm  
 Roll length: 15 m  
 Roll diameter: 1150 mm  
 UV-protected: Wrapped in foil  
 End caps: Every duct is carefully sealed with end caps



Type of duct	Flexible duct					
Air flow velocity [m/s]	0,50	1,00	1,50	2,00	2,50	3,00
Air flow rate [m³/h]	11,37	22,75	34,12	45,50	56,87	68,25
Duct length [m]	Pressure drop [Pa]					
1	0,18	0,6	1,23	2,04	3,02	4,17
2	0,36	1,20	2,46	4,08	6,05	8,33
3	0,53	1,81	3,69	6,12	9,07	12,50
4	0,71	2,41	4,92	8,16	12,09	16,67
5	0,89	3,01	6,15	10,20	15,11	20,83
6	1,07	3,61	7,38	12,24	18,14	25,00
7	1,24	4,22	8,61	14,29	21,16	29,17
8	1,42	4,82	9,84	16,33	24,18	33,34
9	1,60	5,42	11,07	18,37	27,21	37,50
10	1,78	6,02	12,30	20,41	30,23	41,67
11	1,96	6,63	13,53	22,45	33,25	45,84
12	2,13	7,23	14,76	24,49	36,27	50,00
13	2,31	7,83	15,99	26,53	39,30	54,17
14	2,49	8,43	17,22	28,57	42,32	58,34
15	2,67	9,03	18,45	30,61	45,34	62,50
16	2,84	9,64	19,68	32,65	48,37	66,67
17	3,02	10,24	20,91	34,69	51,39	70,84
18	3,20	10,84	22,14	36,73	54,41	75,01
19	3,38	11,44	23,37	38,77	57,43	79,17
20	3,56	12,05	24,60	40,82	60,46	83,34

# Technical data sheet

## Flat oval duct

### 28134

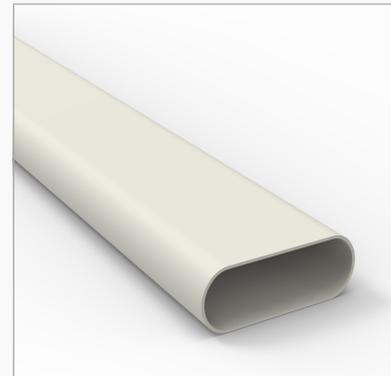


## Description

The flat oval duct is made of PVC and has an outer diameter of 135 × 55 mm, and an equivalent inner diameter of 90 mm.

The limited height of the Easyflex® air duct makes it easy to recess in screed, concrete or stud walls or false ceilings.

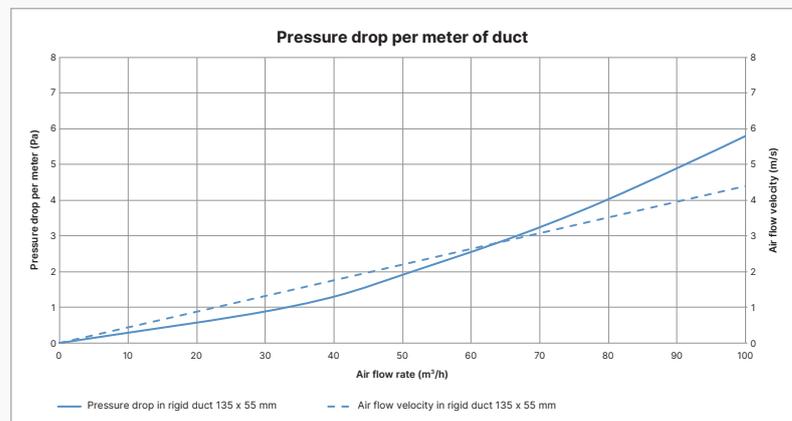
The air duct's broad cross section allows high air flow rates at low velocities, which leads to quiet ventilation system operation.



Flat oval duct – 28134

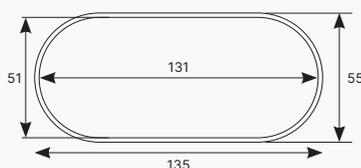
## Product characteristics

- Made of PVC RAL 9002
- Anti-static
- Best airtightness class D ([www.eurovent-certification.com](http://www.eurovent-certification.com))
- Smooth inner wall
  - Low air flow resistance
  - Easy to clean



## Packaging

Art. No.: 28134  
 Dimensions: 135 × 55 mm  
 Length: 3 m  
 UV-protected: Wrapped in foil  
 End caps: Every duct is carefully sealed with end caps



Type of duct	Flat oval duct 135 × 55 mm					
Air flow velocity [m/s]	0,50	1,00	1,50	2,00	2,50	3,00
Air flow rate [m³/h]	11,37	22,75	34,12	45,50	56,87	68,25
Duct length [m]	Pressure drop [Pa]					
1	0,18	0,55	1,05	1,65	2,35	3,13
2	0,37	1,10	2,10	3,30	4,70	6,26
3	0,55	1,66	3,14	4,95	7,04	9,39
4	0,74	2,21	4,19	6,60	9,39	12,53
5	0,92	2,76	5,24	8,25	11,74	15,66
6	1,11	3,31	6,29	9,90	14,09	18,79
7	1,29	3,87	7,33	11,55	16,43	21,92
8	1,48	4,42	8,38	13,20	18,78	25,05
9	1,66	4,97	9,43	14,85	21,13	28,18
10	1,85	5,52	10,48	16,50	23,48	31,31
11	2,03	6,08	11,53	18,16	25,83	34,44
12	2,22	6,63	12,57	19,81	28,17	37,58
13	2,40	7,18	13,62	21,46	30,52	40,71
14	2,59	7,73	14,67	23,11	32,87	43,84
15	2,77	8,28	15,72	24,76	35,22	46,97
16	2,96	8,84	16,76	26,41	37,57	50,10
17	3,14	9,39	17,81	28,06	39,91	53,23
18	3,33	9,94	18,86	29,71	42,26	56,36
19	3,51	10,49	19,91	31,36	44,61	59,49
20	3,70	11,05	20,96	33,01	46,96	62,63

# Technical data sheet

## Flexible connection piece

### 28412



## Description

The Easyflex® connection piece can be used to connect flat oval ducts (28134) and flexible ducts (28406).

The connection piece consists of a 350 mm flexible air duct with a connection sleeve with rubber along both sides. It can also be used for horizontal and vertical curves of 90° at the most, but as well for other difficult obstacle points (for instance S-curves).

The flexible connection piece has an outer diameter of 140 × 64 mm and an equivalent inner diameter of 90 mm.

The air duct's broad cross section allows high air flow rates at low velocities, which leads to a quiet ventilation system operation.

The limited height of the Easyflex® connection piece makes it easy to recess in stud walls or false ceilings. It can also be poured in screed or concrete as long as strengthening or reinforcement is provided.

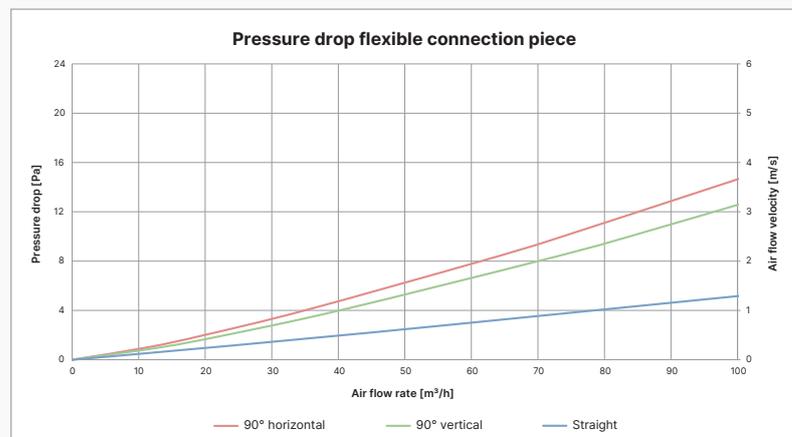
The smooth finished inner wall has an anti-static additive treatment to help prevent dust build-up and bacterial outbreaks.



Flexible connection piece – 28412

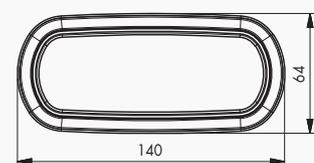
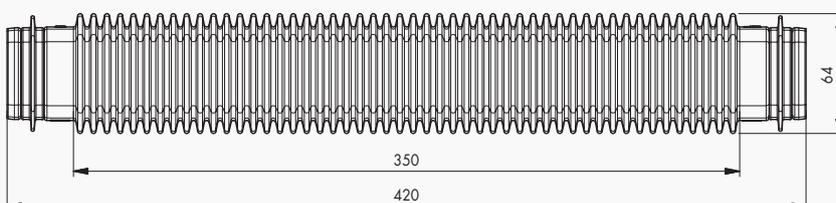
## Product characteristics

- Single walled
  - Ribbed out sheath
- Made of polyethylene
  - HDPE RAL 9002
- Anti-static
- Best airtightness class D (as long as tape is used)  
[www.eurovent-certification.com](http://www.eurovent-certification.com)
- Smooth inner wall



## Packaging

Art. No.: 28412  
Dimensions: 140 × 64 × 420 mm  
Packaging: 12 pieces per box



# Technical data sheet

## Connector with integrated rubber gaskets, flat - 28129

### Description

The unique coupling system ensures an almost perfect airtightness. The connector is equipped with two integrated double rubber seals. Thanks to these seals, the Easyflex® air duct system qualifies for airtightness class D, meaning the system is three times less liable to leak than class C.

The flat connector can be used to couple:

- The Easyflex® flexible duct (28406)
- The Easyflex® flat oval duct (28134)
- Coupling of all Easyflex® accessories

The coupling can be reinforced with:

- Quick fastener (27589)
- Metal fastening bracket (28411)



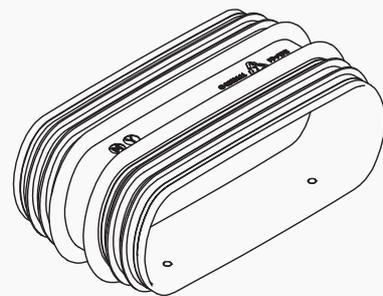
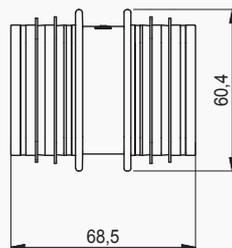
Connector with integrated rubber gaskets, flat - 28129

### Product characteristics

- Made of polypropylene
- Rubber sealing: TPE (ThermoPlastic Elastomer)
- Best airtightness class D ([www.eurovent-certification.com](http://www.eurovent-certification.com))
- Smooth inner wall
  - Low air flow resistance
  - Easy to clean

### Packaging

Art. No.: 28129  
Dimensions: 138,5 × 68,5 × 60,4 mm  
Packaging: 50 pieces per box



## Description

These quick fasteners are used for all fixings of the Easyflex® range; always to be used in pairs. The fastening can be done using screws or concrete pins.

The fastening with clips makes overhand mounting much easier. The first quick fasteners can first be screwed to the ceiling, then the flexible can be easily clipped without tools.

The components that can be fastened with these quick couplings are the following:

- The Easyflex® flexible duct (28406)
- The Easyflex® flat oval duct (28134)
- Coupling of all Easyflex® accessories



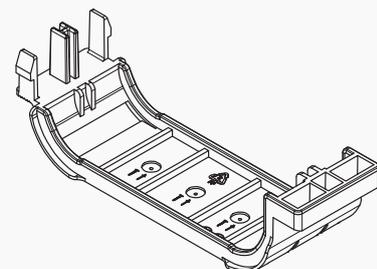
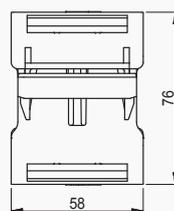
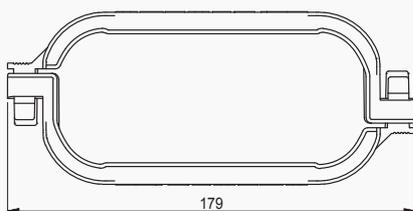
Quick fastener – 27589

## Product characteristics

- Made of polypropylene
- Pre-formed mounting
- Fastening with clips that can be reopened

## Packaging

Art. No.: 27589  
Dimensions: 179 × 58 × 48 mm  
Packaging: 100 pieces per box



# Technical data sheet

## Metal fastening bracket

### 28411

### Description

This fastening bracket can be used for all fixings of the Easyflex® range. Screws or pins can be used for clasp.

The components that can be fastened with this bracket are the following:

- The Easyflex® flexible duct (28406)
- The Easyflex® flat oval duct (28134)
- Fastening of all Easyflex® accessories
- Coupling with all distribution boxes



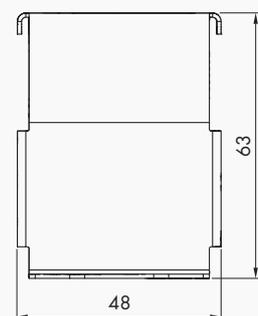
Metal fastening bracket – 28411

### Product characteristics

- Made of chromed steel
- 63 × 48 × 188 mm

### Packaging

Art. No.: 28411  
Dimensions: 175 × 205 × 159 mm  
Packaging: 100 pieces per box



## Description

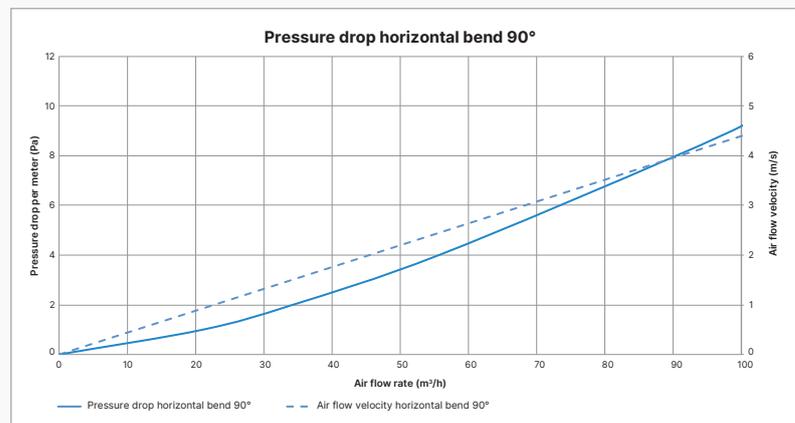
It is best to avoid using flexible ducts for sharp bends. It is better to use fixed bend accessories, such as a 90° horizontal bend. The bend has integrated mounting bases to fix it to the supporting structure.



Horizontal bend 90° – 28130

## Product characteristics

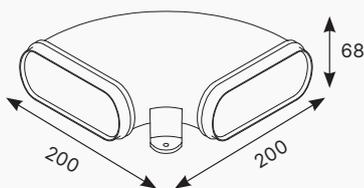
- Made of polypropylene RAL 9002
- Anti-static and antibacterial
- Best airtightness class D ([www.eurovent-certification.com](http://www.eurovent-certification.com))
- Smooth inner wall
  - Low air flow resistance
  - Easy to clean



## Packaging

Art. No.: 28130  
 Dimensions: 200 × 200 × 68 mm  
 Packaging: 20 pieces per box

Type of accessory	Horizontal bend 90°		
Air flow rate [m³/h]	25	50	75
Air flow velocity [m/s]	1,10	2,20	3,30
Pressure drop [Pa]	1,27	3,43	6,12



## Description

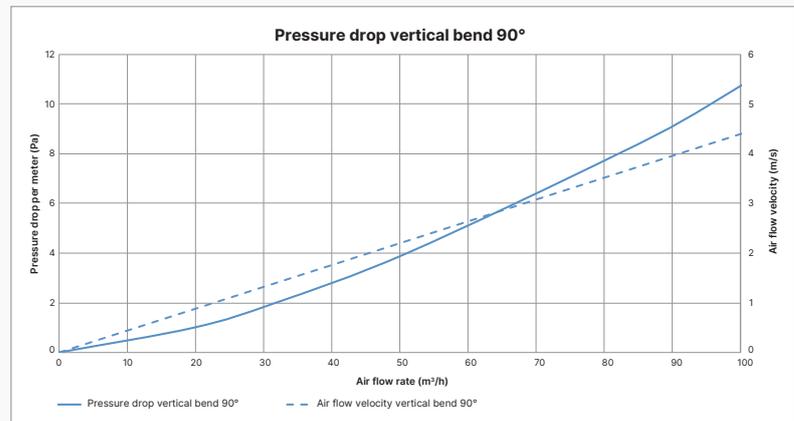
It is best to avoid using flexible duct for sharp bends. It is better to use fixed bend accessories, such as a 90° vertical bend.



Vertical bend 90° – 28901

## Product characteristics

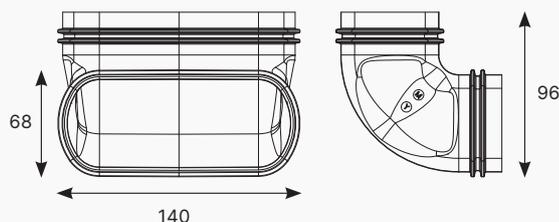
- Made of polypropylene RAL 9002
- Anti-static and antibacterial
- Best airtightness class D ([www.eurovent-certification.com](http://www.eurovent-certification.com))
- Smooth inner wall
  - Low air flow resistance
  - Easy to clean



## Packaging

Art. No.: 28901  
 Dimensions: 96 × 96 × 140 mm  
 Packaging: 20 pieces per box

Type of accessory	Vertical bend 90°		
Air flow rate [m³/h]	25	50	75
Air flow velocity [m/s]	1,10	2,20	3,30
Pressure drop [Pa]	1,41	3,88	7,01



## Description

It is possible to connect one flat, oval channel to two flat, oval channels. In this way, two spaces can be reached with a single main channel.

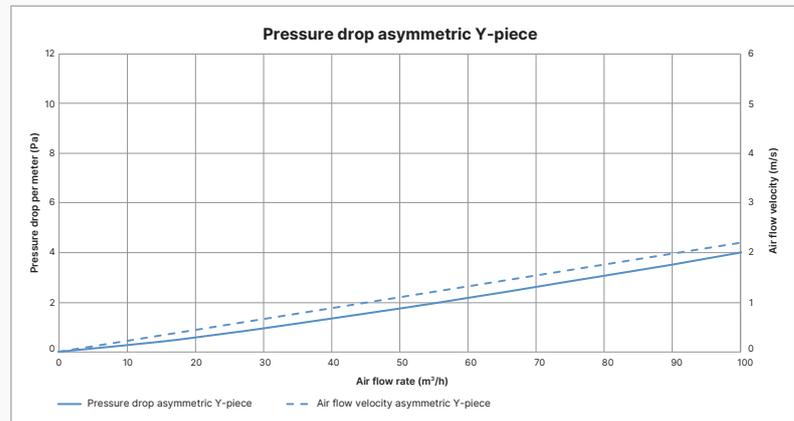
For example, extraction from two rooms can be done on one valve. To do this, controllable grate bases must be installed to adjust the flow rates.



Y-piece - 2 × 140 × 60 mm > 140 × 60 mm  
28132

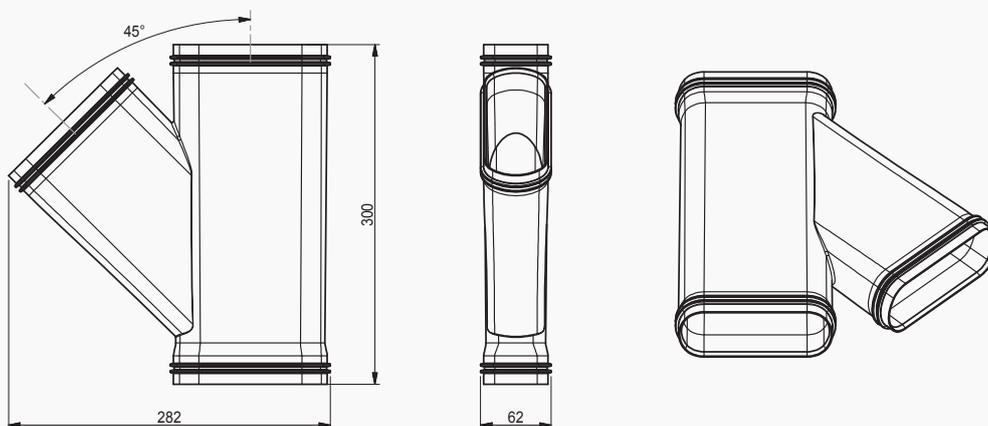
## Product characteristics

- Made of PVC RAL 9002
- Anti-static and antibacterial
- Best airtightness class D ([www.eurovent-certification.com](http://www.eurovent-certification.com))
- Smooth inner wall
  - Low air flow resistance
  - Easy to clean



## Packaging

Art. No.: 28132  
Dimensions: 300 × 282 × 62 mm  
Packaging: 12 pieces per box



# Technical data sheet

## Round duct Ø 125 mm

### 28903

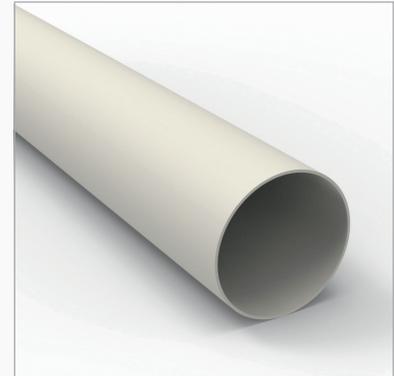


## Description

Round ducts are usually used on vertical lengths up to the ventilation system. We recommend a 125 mm diameter for spaces with an air flow rate of > 50 m<sup>3</sup>/h.

The 125 mm round duct is characterized by its very low pressure drop. High air flow rates are achievable at low air flow velocities.

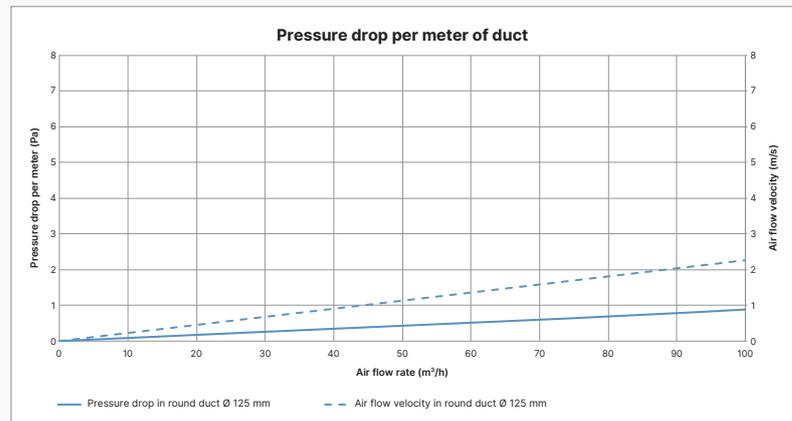
The length of the concrete duct (28410) is 250 mm.



Round duct Ø 125 mm – 28903

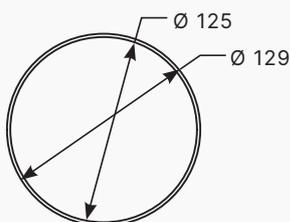
## Product characteristics

- Made of PVC RAL 9002
- Anti-static
- Best airtightness class D ([www.eurovent-certification.com](http://www.eurovent-certification.com))
- Smooth inner wall
  - Low air flow resistance
  - Easy to clean



## Packaging

Art. No.: 28903  
 Diameter: 125 mm  
 Length: 3 m  
 UV-protected: Wrapped in foil  
 End caps: Every duct is carefully sealed with end caps



Type of duct	Round duct Ø 125 mm					
	Air flow velocity [m/s]	0,50	1,00	1,50	2,00	2,50
Air flow rate [m <sup>3</sup> /h]	22,09	44,2	66,34	88,4	110,4	132,5
Duct length [m]	Pressure drop [Pa]					
1	0,06	0,21	0,42	0,68	1,00	1,37
2	0,13	0,42	0,84	1,37	2,00	2,73
3	0,19	0,63	1,26	2,05	3,00	4,10
4	0,26	0,84	1,67	2,74	4,01	5,47
5	0,32	1,05	2,09	3,42	5,01	6,84
6	0,39	1,26	2,51	4,11	6,01	8,20
7	0,45	1,47	2,93	4,79	7,01	9,57
8	0,51	1,68	3,35	5,47	8,01	10,94
9	0,58	1,89	3,77	6,16	9,01	12,31
10	0,64	2,10	4,19	6,84	10,02	13,67
11	0,71	2,31	4,61	7,53	11,02	15,04
12	0,77	2,51	5,02	8,21	12,02	16,41
13	0,83	2,72	5,44	8,90	13,02	17,78
14	0,90	2,93	5,86	9,58	14,02	19,14
15	0,96	3,14	6,28	10,26	15,02	20,51
16	1,03	3,35	6,70	10,95	16,03	21,88
17	1,09	3,56	7,12	11,63	17,03	23,25
18	1,16	3,77	7,54	12,32	18,03	24,61
19	1,22	3,98	7,96	13,00	19,03	25,98
20	1,28	4,19	8,37	13,69	20,03	27,35

## Description

The unique coupling system ensures an almost perfect airtightness. The connector is equipped with two integrated double rubber seals. Thanks to these seals, the Easyflex® air duct system qualifies for airtightness class D, meaning the system is three times less liable to leak than class C.

The round connector Ø 125 mm can be used to couple:

- Round duct Ø 125 mm
- Concrete duct Ø 125 mm
- All accessories Ø 125 mm

The coupling can be reinforced with PVC tape (10909).



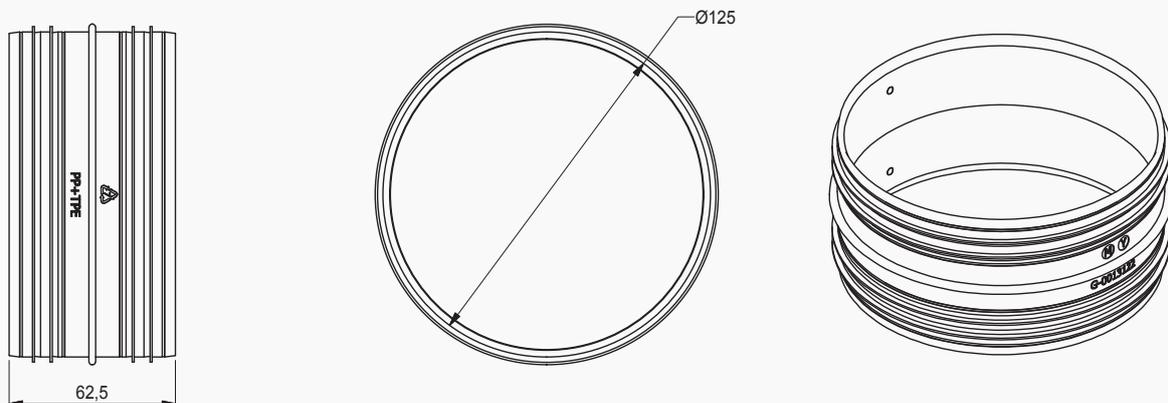
Connector with integrated rubber gaskets, round Ø 125 mm - 27592

## Product characteristics

- Made of polypropylene
- Rubber sealing: TPE (ThermoPlastic Elastomer)
- Best airtightness class D ([www.eurovent-certification.com](http://www.eurovent-certification.com))
- Smooth inner wall
  - Low air flow resistance
  - Easy to clean

## Packaging

Art. No.: 27592  
 Dimensions: 125 × 62,5 mm  
 Packaging: 50 pieces per box



# Technical data sheet

## Valve connection Ø 125 mm

### 27590

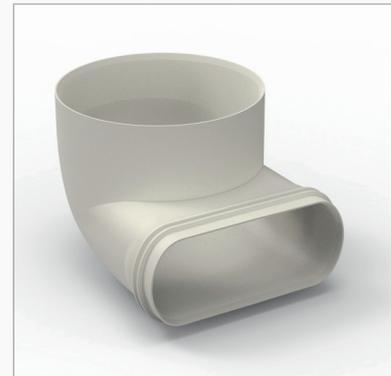


### Description

You can make seamless connections between RENSON® design extraction louvres or SQair valves and valve connectors in an Easyflex® air duct system. Valve connectors come in two diameters: Ø 80 mm in-line connectors for spaces with an extraction air flow rate  $\leq 50 \text{ m}^3/\text{h}$  and Ø 125 mm for spaces with an extraction air flow rate  $\geq 50 \text{ m}^3/\text{h}$ .

You can connect extraction grills directly to the valve transits, if they are built into a Gyproc wall. If the extraction louvre is fitted in a vaulted surface, you can use a connector that you can saw along its length.

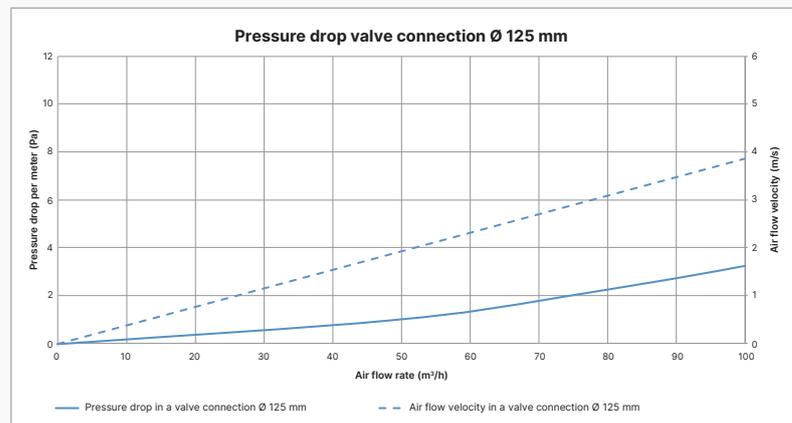
You can also use valve connectors as a connecting piece to join flat, oval ducts to round ducts.



Valve connection Ø 125 mm – 27590

### Product characteristics

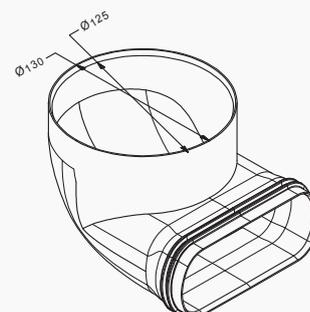
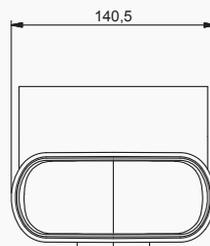
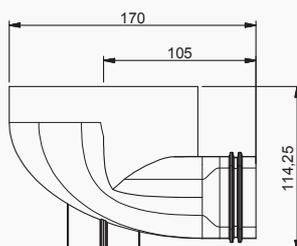
- Made of polypropylene RAL 9002
- Anti-static and antibacterial
- Best airtightness class D ([www.eurovent-certification.com](http://www.eurovent-certification.com))
- Smooth inner wall
  - Low air flow resistance
  - Easy to clean



### Packaging

Art. No.: 27590  
 Dimensions: 170 × 140 × 114 mm  
 Packaging: 20 pieces per box

Type of accessory	Valve connection Ø 125 mm		
Air flow rate [m³/h]	25	50	75
Air flow velocity [m/s]	0,83	1,67	2,50
Pressure drop [Pa]	0,33	1,05	2,05



# Technical data sheet

## Double valve connection

### Ø 125 mm - 28407

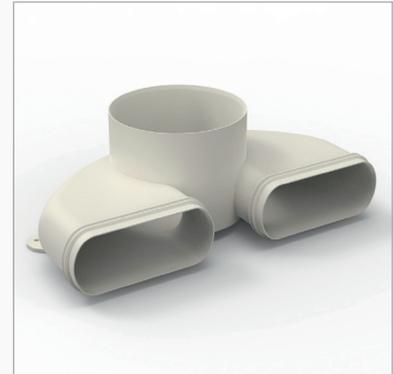


### Description

You can make seamless connections between RENSON® design extraction louvres and valve connectors in an Easyflex® air duct system. Double valve connectors are used for spaces requiring high air flow rates.

You can connect extraction grills directly to the valve transits, if they are built into a Gyproc wall. If the extraction louver is fitted in a vaulted structure, you use a connecting piece that can be sawn in its length.

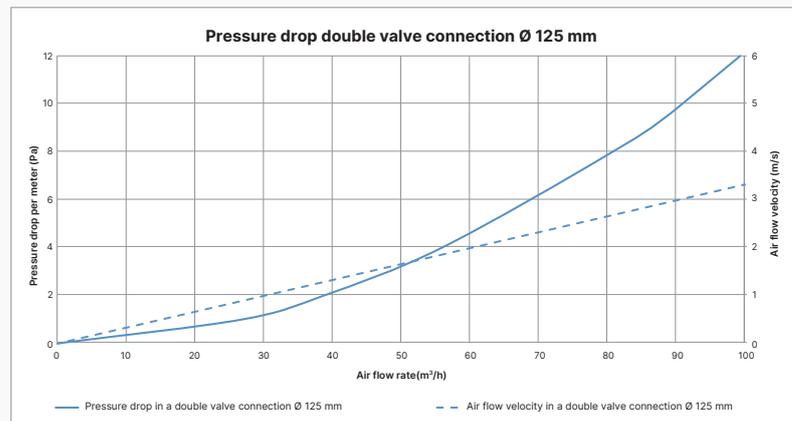
You can also use a double valve connection as a connecting piece to join flat, oval ducts to round ducts.



Double valve connection Ø 125 mm - 28407

### Product characteristics

- Made of polypropylene RAL 9002
- Anti-static and antibacterial
- Best airtightness class D ([www.eurovent-certification.com](http://www.eurovent-certification.com))
- Smooth inner wall
  - Low air flow resistance
  - Easy to clean

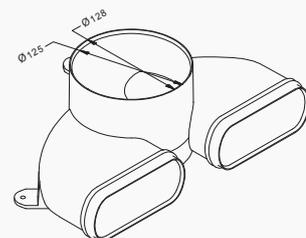
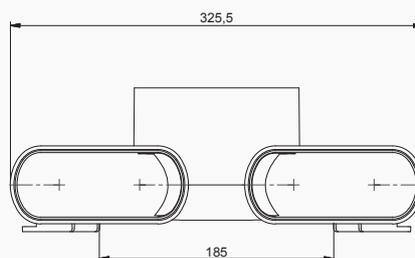
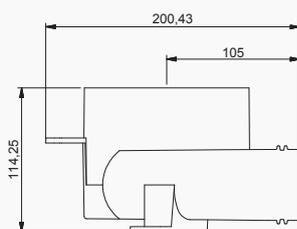


### Packaging

Art. No.: 28407  
 Dimensions: 200 × 325 × 114 mm  
 Packaging: 10 pieces per box

Type of accessory	Double valve connection Ø 125 mm		
Air flow rate [m³/h]	25	50	75
Air flow velocity [m/s]	0,97	1,93	2,90
Pressure drop [Pa]	0,87	3,23	6,94

Attention: values per flat oval duct



# Technical data sheet

## Adaptor flat to round

### 140 × 60 mm > Ø 125 mm - 27593



## Description

You can make a transition connection between the oval and round duct by using an in-line connector. You can use Ø 80 mm in-line connectors for spaces with an extraction air flow rate ≤ 50 m<sup>3</sup>/h and Ø 125 mm for spaces with an extraction air flow rate ≥ 50 m<sup>3</sup>/h.

You can connect extraction grills directly to in-line connectors, if they are built into a Gyproc wall.

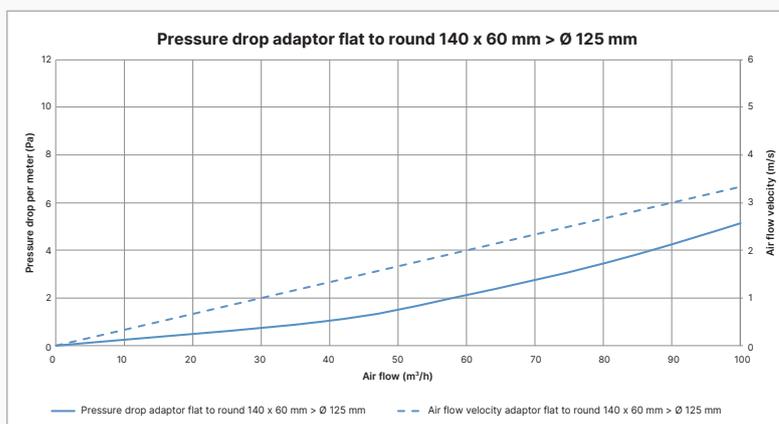
And you can use in-line connectors to join flat, oval ducts to round ducts.



Adaptor flat to round  
140 × 60 mm > Ø 125 mm - 27593

## Product characteristics

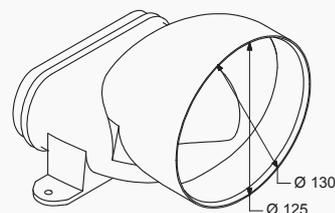
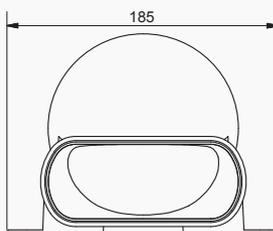
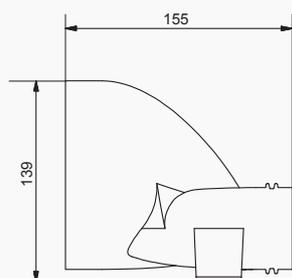
- Made of polypropylene RAL 9002
- Anti-static and antibacterial
- Best airtightness class D  
([www.eurovent-certification.com](http://www.eurovent-certification.com))
- Smooth inner wall
  - Low air flow resistance
  - Easy to clean



## Packaging

Art. No.: 27593  
 Dimensions: 155 × 185 × 139 mm  
 Packaging: 20 pieces per box

Type of accessory	Adaptor flat to round Ø 125 mm		
Air flow rate [m <sup>3</sup> /h]	25	50	75
Air flow velocity [m/s]	0,83	1,67	2,50
Pressure drop [Pa]	0,48	1,55	3,10



# Technical data sheet

## Straight double adaptor

### 2 × 140 × 60 mm > Ø 125 mm - 28413



### Description

A connection can be made from two flat, oval channels to a round channel using a straight adaptor piece Ø 125 mm for areas with an extraction flow > 50 m<sup>3</sup>/h.

The extraction grids can be coupled directly to the straight adaptor if incorporated in a plasterboard wall.

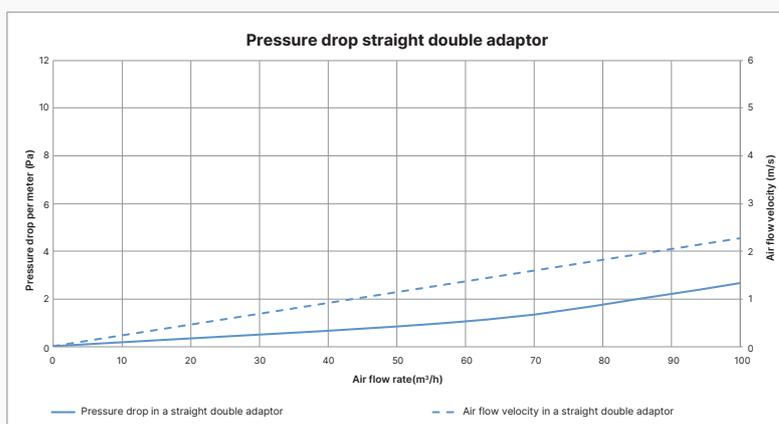
The adaptors may also be used as a transition piece between the flat oval ducts and the round ducts.



Straight double adaptor  
2 × 140 × 60 mm > Ø 125 mm - 28413

### Product characteristics

- Made of HDPE RAL 9002
- Anti-static
- Best airtightness class D ([www.eurovent-certification.com](http://www.eurovent-certification.com))
- Smooth inner wall
  - Low air flow resistance
  - Easy to clean

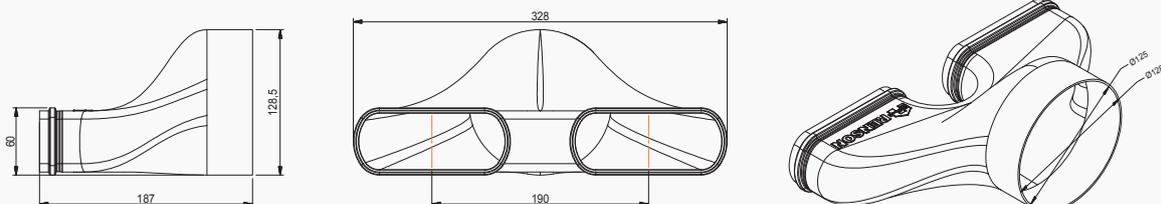


### Packaging

Art. No.: 28413  
 Dimensions: 187 × 320 × 129 mm  
 Packaging: 12 pieces per box

Type of accessory	Straight double adaptor Ø 125 mm		
Air flow rate [m <sup>3</sup> /h]	25	50	75
Air flow velocity [m/s]	0,57	1,13	1,70
Pressure drop [Pa]	0,22	0,76	1,57

Attention: values per flat oval duct



# Technical data sheet

## Round duct Ø 80 mm

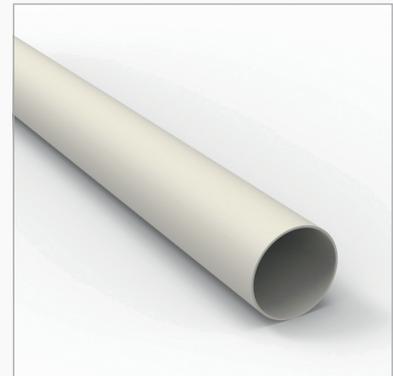
### 28904



## Description

Round ducts are usually used on vertical lengths up to the ventilation system. We recommend an 80 mm diameter for spaces with an air flow rate of < 50 m³/h.

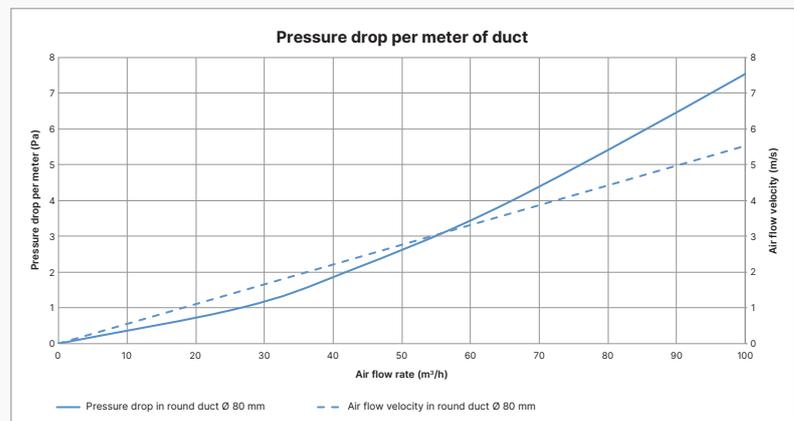
The length of the concrete duct (27595) is 250 mm.



Round duct Ø 80 mm – 28904

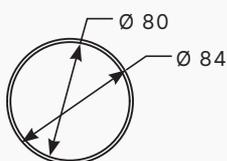
## Product characteristics

- Made of PVC RAL 9002
- Anti-static
- Best airtightness class D ([www.eurovent-certification.com](http://www.eurovent-certification.com))
- Smooth inner wall
  - Low air flow resistance
  - Easy to clean



## Packaging

Art. No.: 28904  
 Diameter: 80 mm  
 Length: 3 m  
 UV-protected: Wrapped in foil  
 End caps: Every duct is carefully sealed with end caps



Type of duct	Round duct Ø 80 mm					
Air flow velocity [m/s]	0,50	1,00	1,50	2,00	2,50	3,00
Air flow rate [m³/h]	9,05	18,10	27,14	36,19	45,24	54,29
Duct length [m]	Pressure drop [Pa]					
1	0,20	0,56	1,04	1,60	2,25	2,97
2	0,39	1,12	2,07	3,21	4,50	5,94
3	0,59	1,68	3,11	4,81	6,75	8,91
4	0,78	2,24	4,15	6,42	9,00	11,88
5	0,98	2,80	5,18	8,02	11,26	14,85
6	1,17	3,36	6,22	9,62	13,51	17,82
7	1,37	3,92	7,25	11,23	15,76	20,79
8	1,56	4,48	8,29	12,83	18,01	23,75
9	1,76	5,04	9,33	14,44	20,26	26,72
10	1,95	5,60	10,36	16,04	22,51	29,69
11	2,15	6,16	11,40	17,65	24,76	32,66
12	2,34	6,72	12,44	19,25	27,01	35,63
13	2,54	7,28	13,47	20,85	29,27	38,60
14	2,74	7,84	14,51	22,46	31,52	41,57
15	2,93	8,40	15,55	24,06	33,77	44,54
16	3,13	8,96	16,58	25,67	36,02	47,51
17	3,32	9,52	17,62	27,27	38,27	50,48
18	3,52	10,08	18,65	28,87	40,52	53,45
19	3,71	10,64	19,69	30,48	42,77	56,42
20	3,91	11,20	20,73	32,08	45,02	59,39

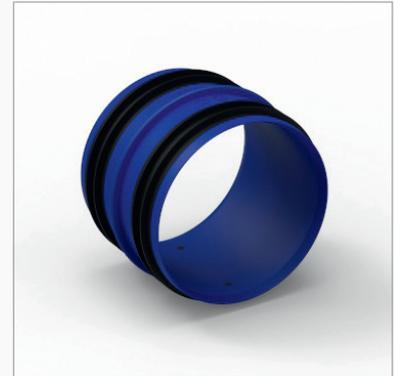
## Description

The unique coupling system ensures an almost perfect airtightness. The connector is equipped with two integrated double rubber seals. Thanks to these seals, the Easyflex® air duct system qualifies for airtightness class D, meaning the system is three times less liable to leak than class C.

The round connector Ø 80 mm can be used to couple:

- Round duct Ø 80 mm (28904)
- Concrete duct Ø 80 mm (27595)
- All accessories Ø 80 mm

The coupling can be reinforced with PVC tape (10909).



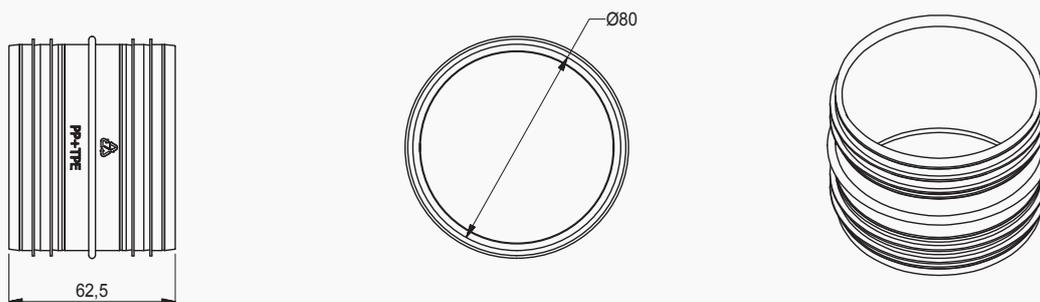
Connector with integrated rubber gaskets, round Ø 80 mm - 28133

## Product characteristics

- Made of polypropylene
- Rubber sealing: TPE (ThermoPlastic Elastomer)
- Best airtightness class D ([www.eurovent-certification.com](http://www.eurovent-certification.com))
- Smooth inner wall
  - Low air flow resistance
  - Easy to clean

## Packaging

Art. No.: 28133  
 Dimensions: 80 × 62,5 mm  
 Packaging: 100 pieces per box



## Description

You can make seamless connections between RENSON® design extraction louvres or SQair valves and valve connectors in an Easyflex® air duct system. Valve connectors come in two diameters: Ø 80 mm in-line connectors for spaces with an extraction air flow rate  $\leq 50 \text{ m}^3/\text{h}$  and Ø 125 mm for spaces with an extraction air flow rate  $\geq 50 \text{ m}^3/\text{h}$ .

You can connect extraction grills directly to the valve transits, if they are built into a Gyproc wall. If the extraction louvre is fitted in a vaulted surface, you can use a connector that you can saw along its length.

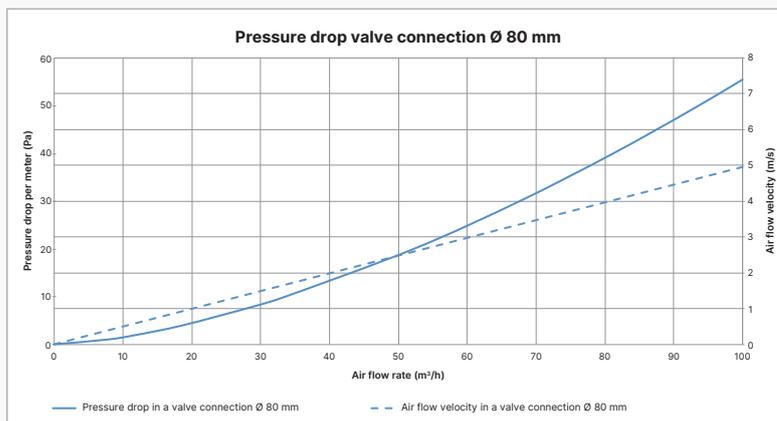
You can also use valve connectors as a connecting piece to join flat, oval duct to round ducts.



Valve connection Ø 80 mm – 28131

## Product characteristics

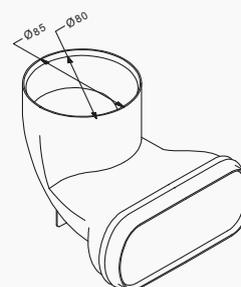
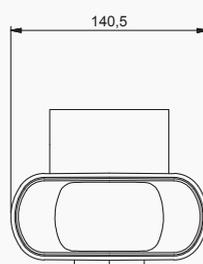
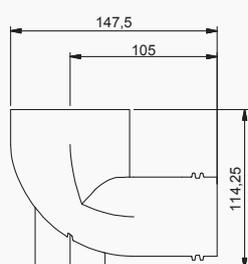
- Made of polypropylene RAL 9002
- Anti-static and antibacterial
- Best airtightness class D ([www.eurovent-certification.com](http://www.eurovent-certification.com))
- Smooth inner wall
  - Low air flow resistance
  - Easy to clean



## Packaging

Art. No.: 28131  
 Dimensions: 147 × 140 × 114 mm  
 Packaging: 20 pieces per box

Type of accessory	Valve connection Ø 80 mm		
Air flow rate [m³/h]	25	50	75
Air flow velocity [m/s]	1,24	2,48	3,72
Pressure drop [Pa]	6,28	18,68	35,33



# Technical data sheet

## Adaptor flat to round

### 140 × 60 mm > Ø 80 mm - 28902



## Description

You can make a transition connection between an oval and round duct by using an in-line connector. You can use Ø 80 mm in-line connectors for spaces with an extraction air flow rate ≤ 50 m<sup>3</sup>/h and Ø 125 mm for spaces with an extraction air flow rate ≥ 50 m<sup>3</sup>/h.

You can connect extraction grills directly to in-line connectors, if they are built into a Gyproc wall.

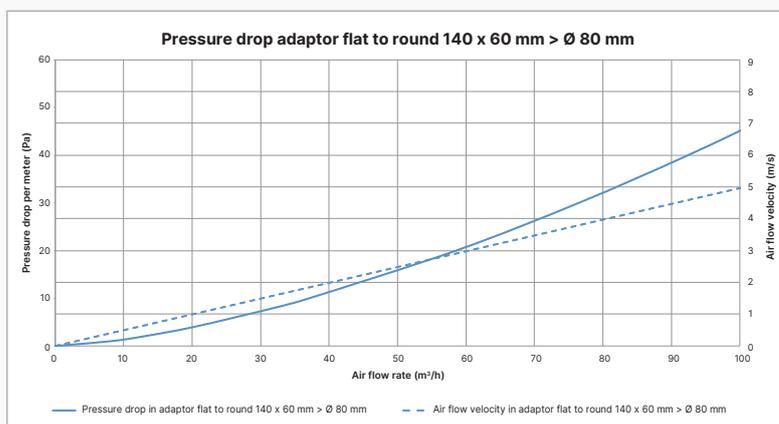
And you can use in-line connectors to join flat, oval ducts to round ducts.



Adaptor flat to round  
140 × 60 mm > Ø 80 mm - 28902

## Product characteristics

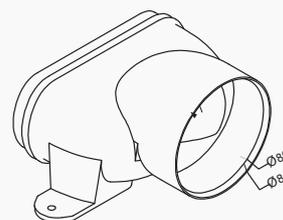
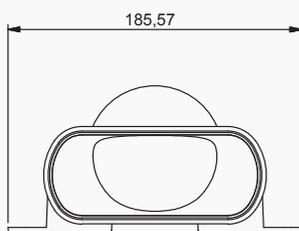
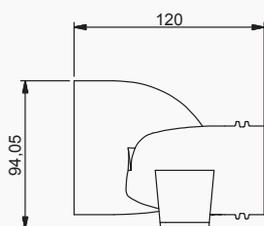
- Made of polypropylene RAL 9002
- Anti-static and antibacterial
- Best airtightness class D  
([www.eurovent-certification.com](http://www.eurovent-certification.com))
- Smooth inner wall
  - Low air flow resistance
  - Easy to clean



## Packaging

Art. No.: 28902  
 Dimensions: 120 × 185 × 94 mm  
 Packaging: 20 pieces per box

Type of accessory	Adaptor flat to round Ø 80 mm		
Air flow rate [m <sup>3</sup> /h]	25	50	75
Air flow velocity [m/s]	1,24	2,48	3,72
Pressure drop [Pa]	5,49	15,72	29,11



# Technical data sheet

## Concrete duct kit Ø 80 mm

### 28414



### Description

The RENSON® design extraction louvres and the SQair extractor vents can be seamlessly connected to the right-angled concrete duct kit of the EASYFLEX® air ducting system. These kits are available in two diameters: Ø 80 mm for rooms with an extraction airflow of  $\leq 50 \text{ m}^3/\text{h}$  and Ø 125 mm for rooms with an extraction airflow of  $\geq 50 \text{ m}^3/\text{h}$ .

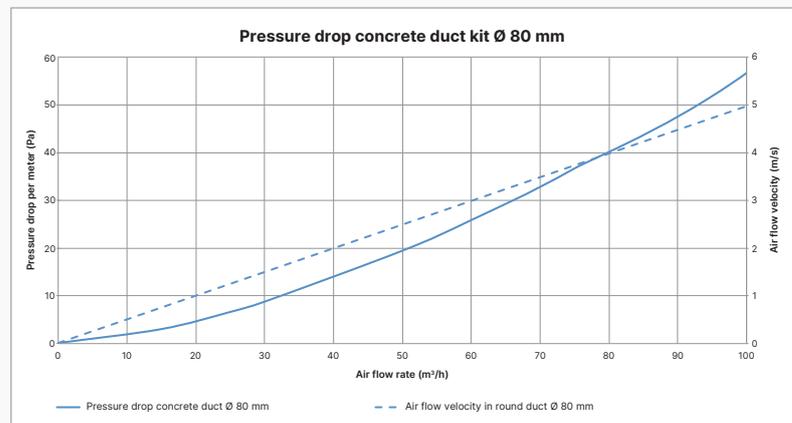
This concrete duct kit provides extra installation comfort and saves time for the installer.



Concrete duct kit Ø 80 mm – 28414

### Product characteristics

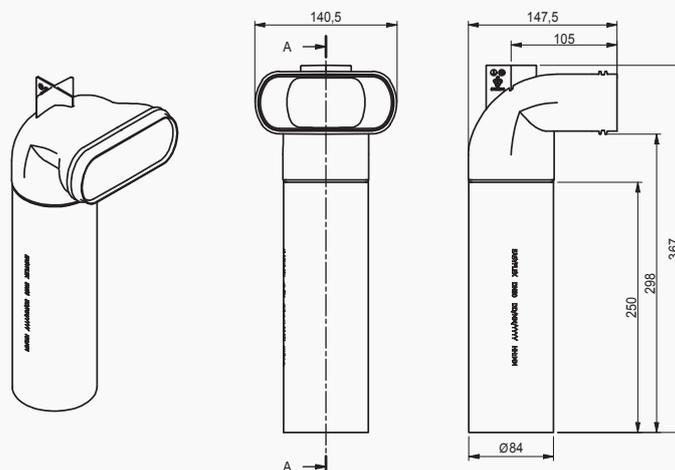
- Made of PVC RAL 9002
- Antistatic and antibacterial
- Best airtightness class D ([www.eurovent-certification.com](http://www.eurovent-certification.com))
- Smooth inner wall
  - Low airflow resistance
  - Easy to clean



### Packaging

Art. No.: 28414 (80 mm)  
 Dimensions: 367 × 140,5 × 147,5 mm  
 Packaging: 16 kits per package

Type of accessory	Concrete duct kit Ø 80 mm		
Air flow rate [m <sup>3</sup> /h]	25	50	75
Air flow velocity [m/s]	1,24	2,48	3,72
Pressure drop [Pa]	6,51	19,33	36,54



# Technical data sheet

## Concrete duct kit Ø 125 mm

### 28906



### Description

The RENSON® design extraction louvres and the SQair extractor vents can be seamlessly connected to the right-angled concrete duct kit of the EASYFLEX® air ducting system. These kits are available in two diameters: Ø 80 mm for rooms with an extraction airflow of  $\leq 50 \text{ m}^3/\text{h}$  and Ø 125 mm for rooms with an extraction airflow of  $\geq 50 \text{ m}^3/\text{h}$ .

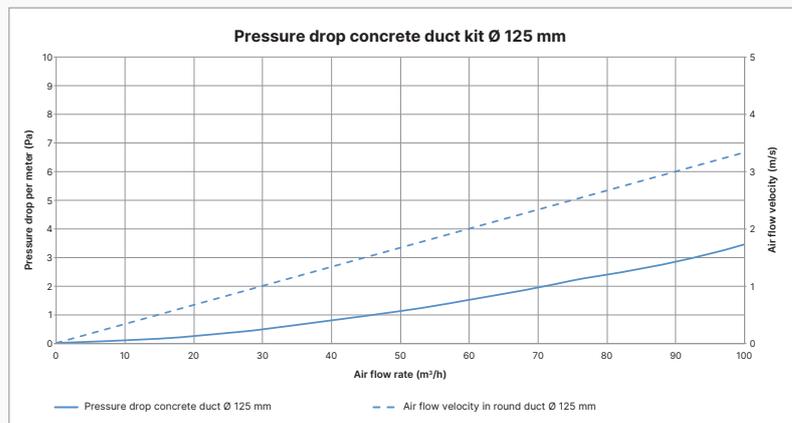
This concrete duct kit provides extra installation comfort and saves time for the installer.



Concrete duct kit Ø 125 mm – 28906

### Product characteristics

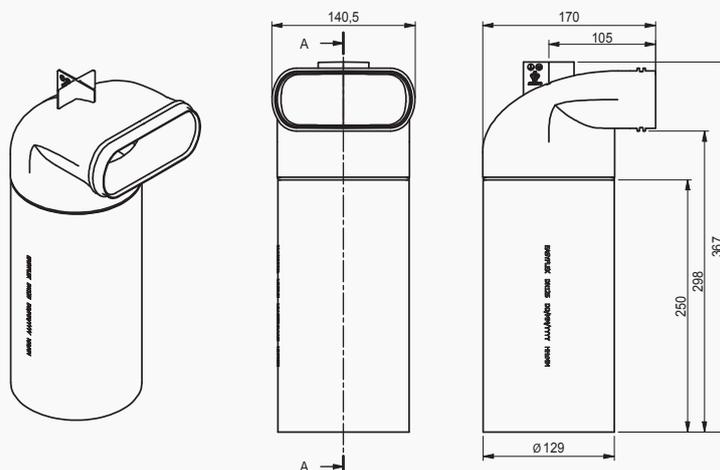
- Made of PVC RAL 9002
- Antistatic and antibacterial
- Best airtightness class D ([www.eurovent-certification.com](http://www.eurovent-certification.com))
- Smooth inner wall
  - Low airflow resistance
  - Easy to clean



### Packaging

Art. No.: 28906 (125 mm)  
 Dimensions: 367 × 140,5 × 170 mm  
 Packaging: 10 kits per package

Type of accessory	Concrete duct kit Ø 125 mm		
Air flow rate [m³/h]	25	50	75
Air flow velocity [m/s]	0,84	1,67	2,50
Pressure drop [Pa]	0,35	1,12	2,18



# Technical data sheet

## Cross piece pivot

### 27598



### Description

The cross piece is included in the Easyflex range. This cross piece allows Easyflex ducts to cross and to maintain a height of 65 mm.

The pivoting feature ensures you can determine the angle in which the lines cross each other for yourself. In this way, no extra distances and turns are required to meet a 90° angle. With the pivot cross piece, it is possible to bridge angles from 45° to 135°.

Bridging obstacles up to 30 mm in height is also possible with this piece. Support with 'pur' is recommended.



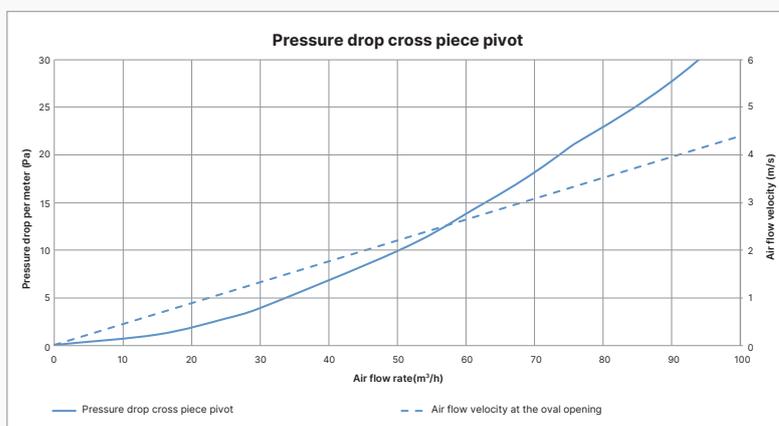
Cross piece pivot – 27598

### Product characteristics

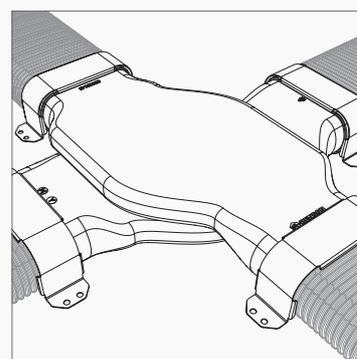
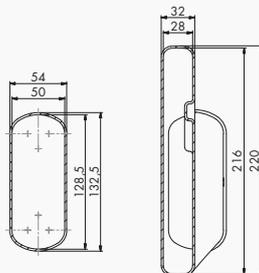
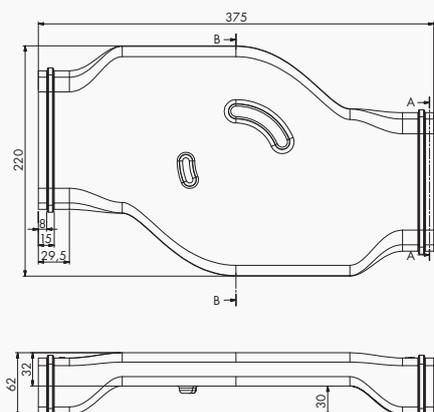
- Made of HDPE RAL 9002
- Anti-static
- Best airtightness class D ([www.eurovent-certification.com](http://www.eurovent-certification.com))
- Smooth inner wall
  - Low air flow resistance
  - Easy to clean

### Packaging

Art. No.: 27598  
 Set contains: 2 x bridge piece (together they form the cross piece)  
 4 x fastening bracket (28411)  
 Dimensions: 385 × 230 × 145 mm



Type of accessory	Cross piece pivot		
Air flow rate [m³/h]	25	50	75
Air flow velocity [m/s]	1,10	2,20	3,30
Pressure drop [Pa]	2,78	9,88	20,74



# Technical data sheet

## Distribution box angled

### 160 mm - 28135

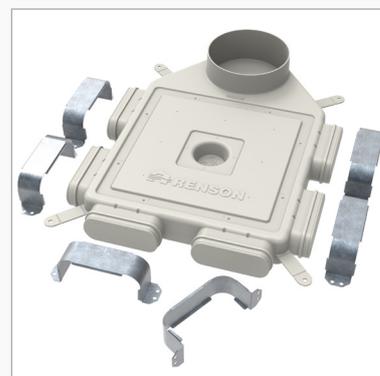
## Description

The distribution box is part of the Easyflex® range. This distribution box has an angled main connection of 160 mm and there are up to 6 ducts that can be connected to it.

By joining the distribution box to the supply and extract ducts of a ventilation system D, an easy installation is guaranteed. The Easyflex® ducts can directly be connected to the distribution box by means of the supplied Easyflex® fastening brackets (28411).

The limited height of the Easyflex® distribution box makes it easy to recess the box and its ducts in screed, concrete or stud walls or false ceilings.

The distribution box's broad cross section and the tube connections allow high air flow rates at low velocities, which leads to quiet ventilation system operation.



Distribution box angled 160 mm - 28135

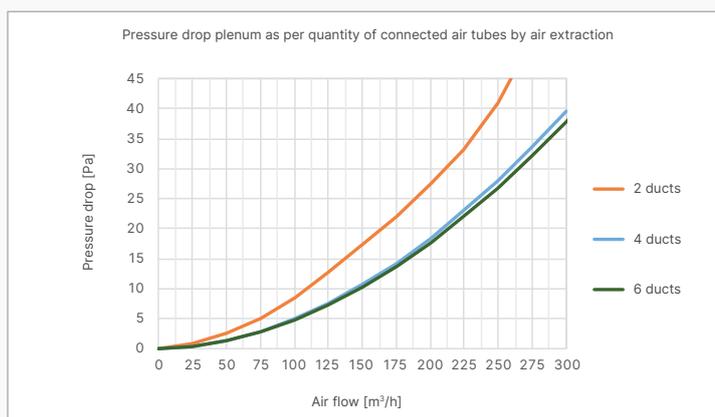
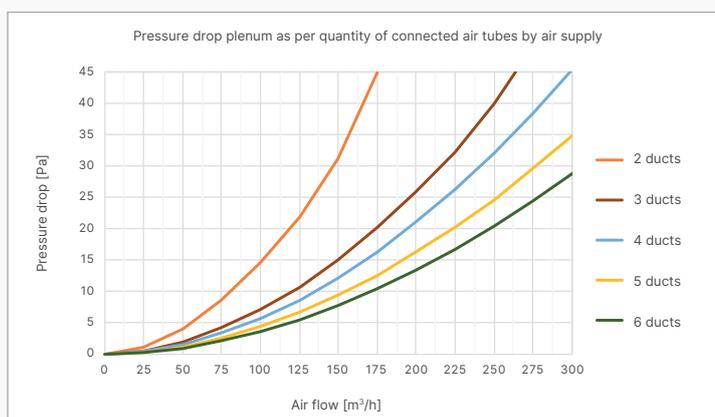
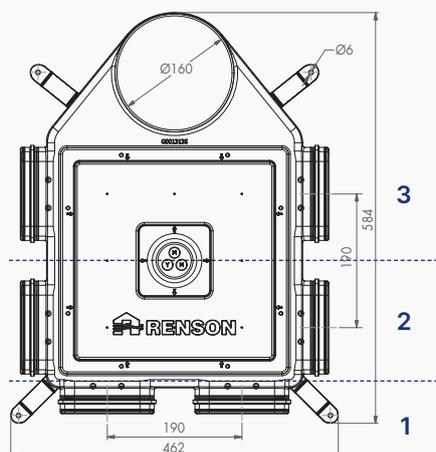
## Product characteristics

- Made of HDPE RAL 9002
- Anti-static
- Best airtightness class D  
([www.eurovent-certification.com](http://www.eurovent-certification.com))
- Smooth inner wall
  - Low air flow resistance
  - Easy to clean

## Packaging

Art. No.: 1 set = 2 × 28135  
 Set contains: 2 x distribution box (28135)  
 12 x fastening bracket (28411)  
 Dimensions: 470 × 590 × 190 mm

To limit pressure drop, tubes should be connected in the following order (1 - 2 - 3) if possible.



# Technical data sheet

## Distribution box 8 connections

### 28905



### Description

The distribution box is part of the Easyflex® range. This distribution box can provide supply using two Easyflex® ducts and can be connected to up to six ducts. In this way, the distribution box can be placed centrally, rather than coupled directly to the main duct.

The two supply lines can be coupled using the double valve connection (28407) or the straight double adapter (28413).

By joining the distribution box to the supply and extract ducts of a ventilation system D, an easy installation is guaranteed. The Easyflex® ducts can directly be connected to the distribution box by means of the supplied Easyflex® fastening brackets (28411).

The limited height of the Easyflex® distribution box makes it easy to recess the box and its ducts in screed, concrete or stud walls or false ceilings.

The distribution box's broad cross section and the tube connections allow high air flow rates at low velocities, which leads to quiet ventilation system operation.



Distribution box 8 connections - 28905

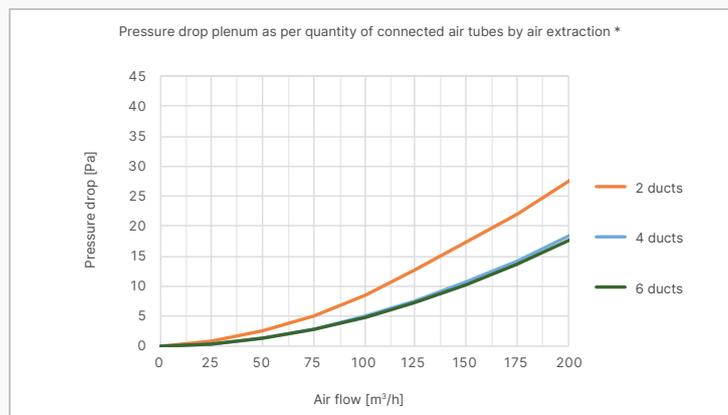
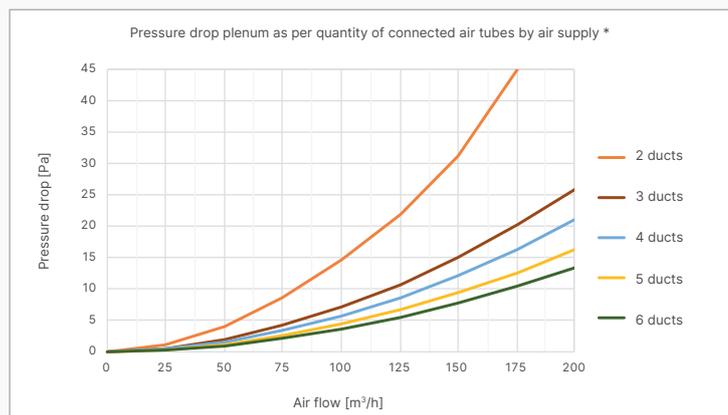
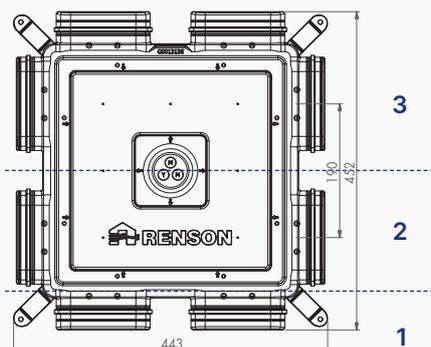
### Product characteristics

- Made of HDPE RAL 9002
- Anti-static
- Best airtightness class D ([www.eurovent-certification.com](http://www.eurovent-certification.com))
- Smooth inner wall
  - Low air flow resistance
  - Easy to clean

### Packaging

Art. No.: 1 set = 2 × 28905  
 Set contains: 2 x distribution box (28905)  
 16 x fastening bracket (28411)  
 Dimensions: 443 × 452 × 64 mm

To limit pressure drop, tubes should be connected in the following order (1 - 2 - 3) if possible.



\* Provisional results



# Technical data sheet

## Distribution box straight

### 160 mm - 27597



### Description

The distribution box is part of the Easyflex® range. This distribution box has a straight main connection of 160 mm, and can be connected to up to six ducts.

By joining the distribution box to the supply and extract ducts of a ventilation system D, an easy installation is guaranteed. The Easyflex® ducts can directly be connected to the distribution box by means of the supplied Easyflex® fastening brackets (28411).

The limited height of the Easyflex® distribution box makes it easy to recess the box and its ducts in screed, concrete or stud walls or false ceilings.

The distribution box's broad cross section and the tube connections allow high air flow rates at low velocities, which leads to quiet ventilation system operation.



Distribution box straight 160 mm - 27597

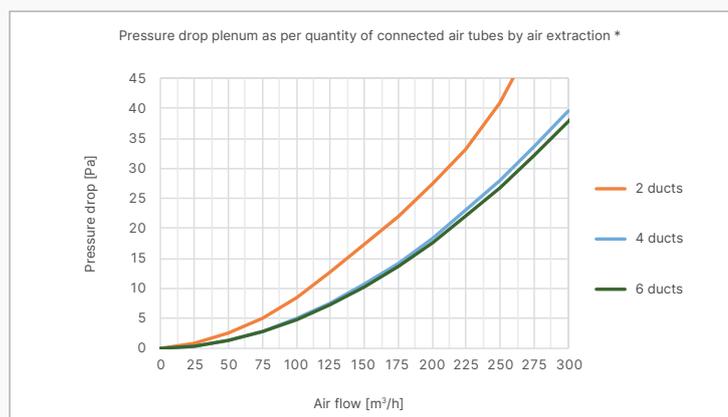
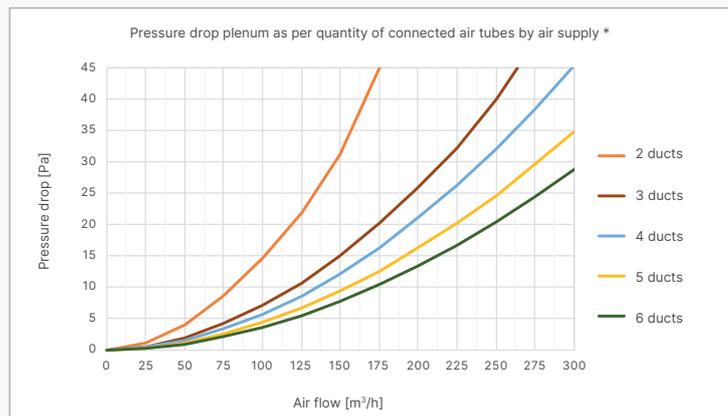
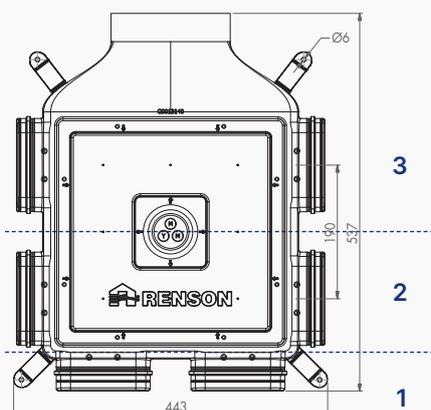
### Product characteristics

- Made of HDPE RAL 9002
- Anti-static
- Best airtightness class D ([www.eurovent-certification.com](http://www.eurovent-certification.com))
- Smooth inner wall
  - Low air flow resistance
  - Easy to clean

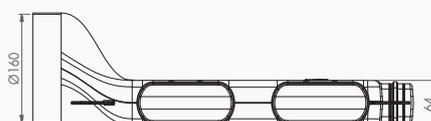
### Packaging

Art. No.: 1 set = 2 × 27597  
 Set contains: 2 x distribution box (27597)  
 12 x fastening bracket (28411)  
 Dimensions: 470 × 590 × 190 mm

To limit pressure drop, tubes should be connected in the following order (1 - 2 - 3) if possible.



\* Provisional results



## Description

Each distribution box can be transformed into a distribution box with inspection hatch within a few minutes. The screws are included and make sure that the inspection hatch can be installed (opened and closed) in no time at all. It can be built in at the top as at the bottom and is therefore fit for use in screed, concrete, stud walls or false ceilings.

The durable inspection hatch of high quality, allows a permanent access to the Easyflex® air duct system for cleaning and/or inspecting its parts.

The inspection date, the person responsible and all possible remarks can be indicated on the inspection label, so that maintenance can continuously and precisely be followed-up.

Thanks to the sealing foam there is perfect tightness of the air duct system, so that the air flow is optimized.

The inspection hatch can be built-in in:

- Distribution box straight 160 mm (27597)
- Distribution box angled 160 mm (28135)
- Distribution box 8 connections (28905)



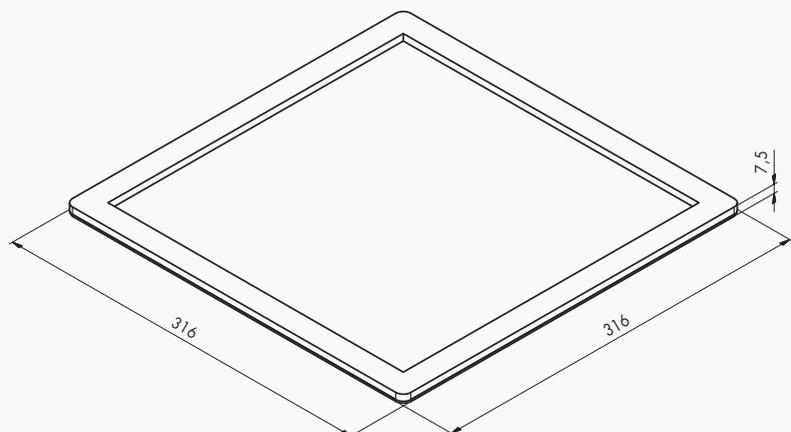
Inspection hatch – 17810

## Product characteristics

- Made of galvanized steel
- Sealing foam

## Packaging

Art. No.: 17810  
Set contains: 1 x inspection hatch (17810)  
8 x screws  
8 x clips  
Dimensions: 316 × 316 × 7,5 mm  
Packaging: Per piece



## 2 rooms

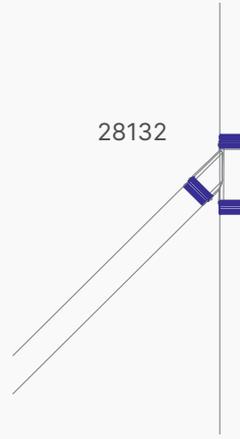
Ø 125 → 2 x (140 × 60)

28407 or 28413



140 × 60 → 2 x (140 × 60)

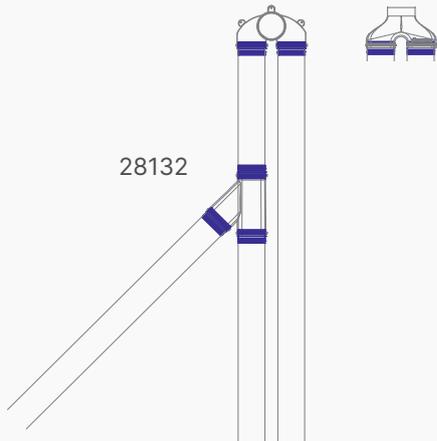
28132



## 3 rooms

Ø 125 → 3 x (140 × 60)

28407 or 28413

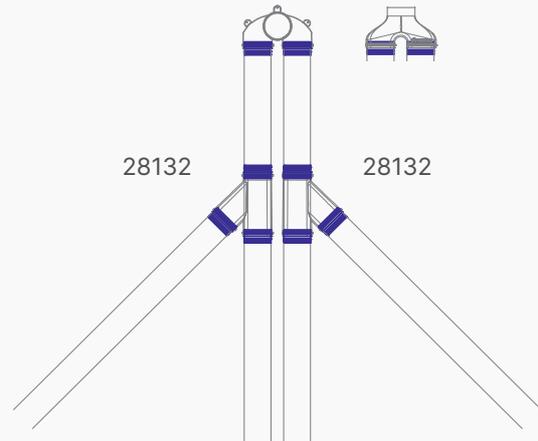


28132

## 4 rooms

Ø 125 → 4 x (140 × 60)

28407 or 28413

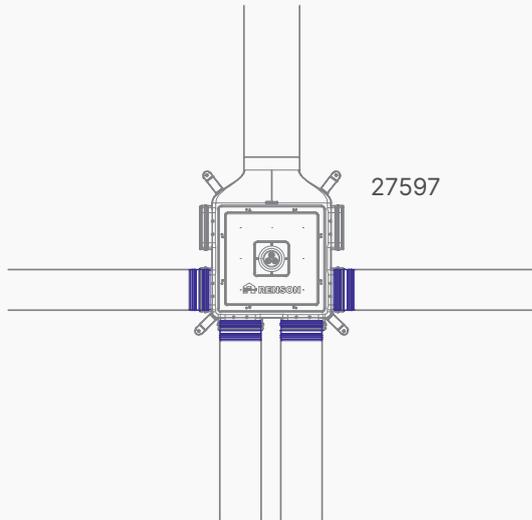


28132

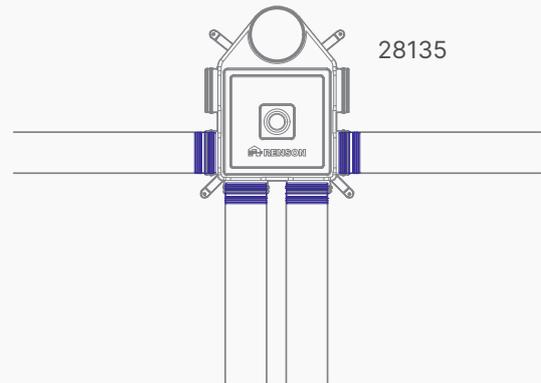
28132

### 4 to 6 rooms

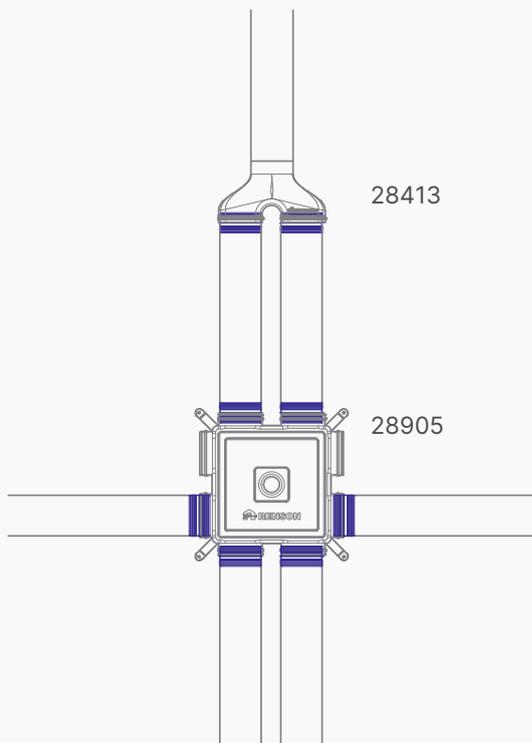
Ø 160 → 4 to 6 x (140 × 60)



Ø 160 → 4 to 6 x (140 × 60)



Ø 125 → 4 to 6 x (140 × 60)



Ø 125 → 4 to 6 x (140 × 60)

