

IsoPipe facade panels



IP-FKB



IP-FBF



IP-FBA

IsoPipe facade panels made of stainless steel for connection to intake air and exhaust air ducts.

Properties

All IsoPipe facade panels are made of high-quality stainless steel. Also available in coated version (types B) for use in environments with severe air pollution or high salt concentration in the air (near the coast).

Application and installation

Facade combination panel IP-FKB

Designed for the compact installation of IsoPipe intake air and exhaust air ducts with just one facade panel. Universally applicable for horizontal or vertical installation.

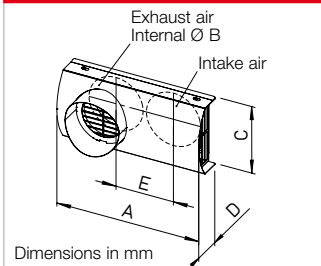
Exhaust air facade panel IP-FBF

For the IsoPipe duct system. Horizontal installation position. The exhaust air is discharged directly and horizontally through the duct connectors.

Intake air facade panel IP-FBA

For the IsoPipe duct system. Horizontal installation position. The intake air is taken in through the side on both sides.

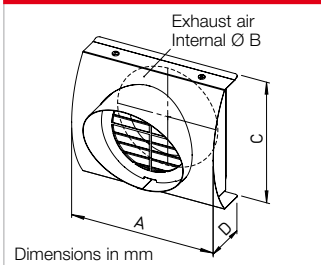
IP-FKB



Dimensions in mm

IsoPipe Ø 125 mm					IsoPipe Ø 160 mm					IsoPipe Ø 180 mm				
Type	Ref. no.				Type	Ref. no.				Type	Ref. no.			
Facade combination panel – Stainless steel														
IP-FKB 125	02689				IP-FKB 160	02694				IP-FKB 180	02695			
Dim. in mm	A	ØB	C	D E	Dim. in mm	A	ØB	C	D E	Dim. in mm	A	ØB	C	D E
	420	157	200	100 170		480	192	240	118 210		520	212	290	150 230
Facade combination panel – Stainless steel with additional coating														
IP-FKB 125 B	02661				IP-FKB 160 B	02662				IP-FKB 180 B	02663			
Dim. in mm	A	ØB	C	D E	Dim. in mm	A	ØB	C	D E	Dim. in mm	A	ØB	C	D E
	420	157	200	100 170		480	192	240	118 210		520	212	290	150 230

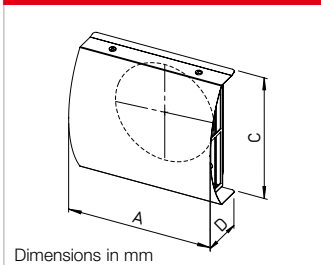
IP-FBF



Dimensions in mm

IsoPipe Ø 125 mm					IsoPipe Ø 160 mm					IsoPipe Ø 180 mm				
Type	Ref. no.				Type	Ref. no.				Type	Ref. no.			
Facade panel – Stainl. steel, for exh. air														
IP-FBF 125		03126			IP-FBF 160		03128			IP-FBF 180		03131		
Dim. in mm	A	ØB	C	D	Dim. in mm	A	ØB	C	D	Dim. in mm	A	ØB	C	D
	230	157	200	78		265	192	240	97		285	212	260	126
Facade panel – Stainl. steel, for exh. air with additional coating														
IP-FBF 125 B		02901			IP-FBF 160 B		02902			IP-FBF 180 B		02903		
Dim. in mm	A	ØB	C	D	Dim. in mm	A	ØB	C	D	Dim. in mm	A	ØB	C	D
	230	157	200	78		265	192	240	97		285	212	260	126

IP-FBA



Dimensions in mm

IsoPipe Ø 125 mm				IsoPipe Ø 160 mm				IsoPipe Ø 180 mm			
Type	Ref. no.			Type	Ref. no.			Type	Ref. no.		
Facade panel – Stainl. steel, for intake air											
IP-FBA 125	03125			IP-FBA 160	03127			IP-FBA 180	03130		
Dim. in mm	A	B	C	Dim. in mm	A	B	C	Dim. in mm	A	B	C
	230	200	78		265	240	97		285	260	126
Facade panel – Stainl. steel, for intake air with additional coating											
IP-FBA 125 B	02664			IP-FBA 160 B	02665			IP-FBA 180 B	02666		
Dim. in mm	A	B	C	Dim. in mm	A	B	C	Dim. in mm	A	B	C
	230	200	78		265	240	97		285	260	126

Installation

Types IP-FKB are universally applicable for horizontal or vertical installation. Intake air and exhaust air outlet on the right, left, top or bottom. The adjacent figure shows horizontal installation in an external wall.

Types IP-FBF and IP-FBA for horizontal installation.



Insulated duct system IsoPipe



The innovative alternative to spiral duct installation with subsequent thermal insulation.

- The insulated round duct system IsoPipe
- prevents condensation,
- has a smooth, sound-absorbing inner surface and is easy to clean,
- saves an enormous amount of installation time,
- is the ideal solution for intake air and exhaust air ducting.

Installation

- All IsoPipe moulded parts, bends, wall outlets and roof outlets are precisely matched to each other and simply plugged into each other.

IsoPipe is quick to install:
Compared to the use of insulated spiral duct, the result is work time savings of up to 70 %.

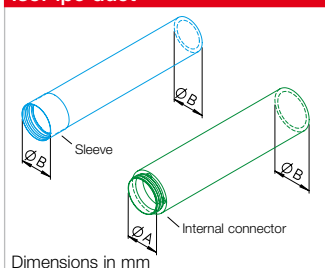
Properties

All pipe parts are fully insulated and consist of vapour-tight, anti-static EPE. Flame retardant according to fire class B1. Air flow temperature from –25 to +80 °C. $\lambda = 0.04 \text{ W/mK}$, $d = 16 \text{ mm}$.

Duct concept and installation

- IsoPipe is especially suitable for intake air and exhaust air ducting or supply air and extract air ducting in the basement or low-temperature zone of a KWL system.
- Can be used for volume flows up to 500 m³/h.
- IsoPipe is shock-proof, particularly lightweight and it can easily be shortened to the desired length with a knife.

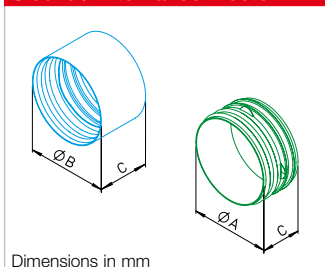
IsoPipe duct



Dimensions in mm

IsoPipe Ø 125 mm				IsoPipe Ø 160 mm				IsoPipe Ø 180 mm				IsoPipe Ø 200 mm			
Type	Ref. no.	Ø A	Ø B	Type	Ref. no.	Ø A	Ø B	Type	Ref. no.	Ø A	Ø B	Type	Ref. no.	Ø A	Ø B
Duct with sleeve															
IP 125/2000 ¹⁾	09406	—	157	—	—	—	—	—	—	—	—	—	—	—	—
Duct with internal connector															
—	—	—	—	IP 160/2000 ²⁾	09447	160	192	IP 180/2000 ³⁾	09448	180	212	IP 200/2000 ⁴⁾	03810	200	232
¹⁾ Unit = 8 x 2 m				²⁾ Unit = 6 x 2 m				³⁾ Unit = 4 x 2 m				⁴⁾ Unit = 3 x 2 m			

Sleeve / Internal connector

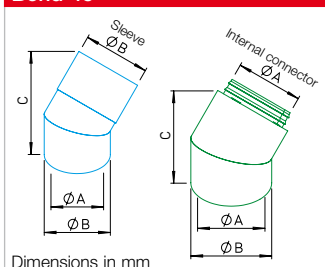


Dimensions in mm

IsoPipe Ø 125 mm					IsoPipe Ø 160 mm					IsoPipe Ø 180 mm					IsoPipe Ø 200 mm					
Type	Ref. no.	Ø A	Ø B	C	Type	Ref. no.	Ø A	Ø B	C	Type	Ref. no.	Ø A	Ø B	C	Type	Ref. no.	Ø A	Ø B	C	
Connecting sleeve																				
IP-MU 125	09394	—	157	104	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Internal connector																				
—					—	IP-IV 160	09453	160	—	80	IP-IV 180	09454	180	—	80	IP-IV 200	03811	200	—	80
Made of plastic																				

Made of plastic.

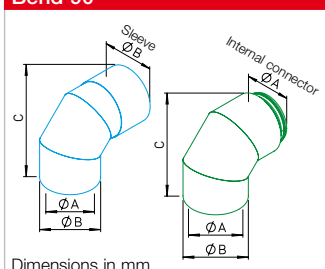
Bend 45°



Dimensions in mm

IsoPipe Ø 125 mm					IsoPipe Ø 160 mm					IsoPipe Ø 180 mm					IsoPipe Ø 200 mm																	
Type	Ref. no.	Ø A	Ø B	C	Type	Ref. no.	Ø A	Ø B	C	Type	Ref. no.	Ø A	Ø B	C	Type	Ref. no.	Ø A	Ø B	C													
Bend 45° with sleeve																																
IP-B 125/45					09399	125	157	255	—	—					—	—																
Bend 45° with int. connector																																
—					—	IP-B 160/45					09449	160	192	242	IP-B 180/45					09450	180	212	256	IP-B 200/45					03809	200	232	270

Bend 90°



Dimensions in mm

IsoPipe Ø 125 mm					IsoPipe Ø 160 mm					IsoPipe Ø 180 mm					IsoPipe Ø 200 mm																	
Type	Ref. no.	Ø A	Ø B	C	Type	Ref. no.	Ø A	Ø B	C	Type	Ref. no.	Ø A	Ø B	C	Type	Ref. no.	Ø A	Ø B	C													
Bend 90° with sleeve																																
IP-B 125/90					09398	125	157	239	—	—					—	—																
Bend 90° with int. connector																																
—					—	IP-B 160/90					09451	160	192	272	IP-B 180/90					09452	180	212	292	IP-B 200/90					03808	200	232	312

