Flat duct system FK



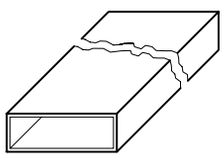
Underfloor duct system made of galvanised steel sheet, specifically developed for domestic ventilation. The optimal solution for concealed air ducts; ideal for air distribution in new buildings.

Properties
- All components made of galvanised steel sheet, corrosion-resistant and non-flammable.

Available in two sizes
- FK 150 x 50 mm
  for volume flows up to 90 m^3/h.
- FK 200 x 50 mm
  for volume flows up to 140 m^3/h.

Duct concept and installation
- Flat design and rigid construction allow easy installation in unfinished flooring.
- Connection using external connector. Moulded parts with integrated sleeve (insertion depth approx. 35 mm). The smooth internal walls result in low flow resistances and do not create obstacles for dirt deposits. Cleaning (disinfection) is still possible.
- The distribution box, which must be installed per floor for extract and supply air delivery, simplifies the duct layout.
- Flat silencers (FK-SD) can be installed in the duct system to protect noise-sensitive rooms, e.g. bedrooms.

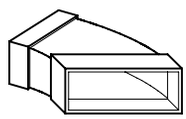
Flat duct



Dimensions in mm

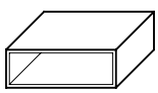
Flat duct				
Type	Ref. no.	Dim. in mm Width	Height	Length
150 x 50 m				
FK 150	02905	150	50	1500
200 x 50 mm				
FK 200	02906	200	50	1500

Bend, horizontal 45°



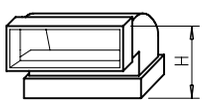
Bend, horizontal 45°				
Type	Ref. no.	Dim. in mm Width	Height	Radius
150 x 50 m				
FK-BH 150/45	02910	153	53	45°
200 x 50 mm				
FK-BH 200/45	02912	203	53	45°

Connector



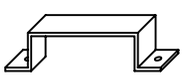
Connector				
Type	Ref. no.	Dim. in mm Width	Height	Length
150 x 50 m				
FK-V 150	02941	153	53	200
200 x 50 mm				
FK-V 200	02942	203	53	200

Bend, vertical 90°



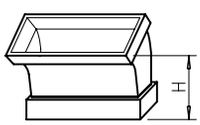
Bend, vertical 90°				
Type	Ref. no.	Dim. in mm Width	Height	Radius
150 x 50 m				
FK-BV 150/90	02919	153	103	90°
200 x 50 mm				
FK-BV 200/90	02920	203	103	90°

Mounting bracket



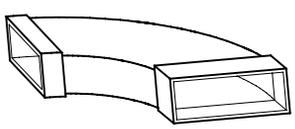
Mounting bracket				
Type	Ref. no.	Dim. in mm Width	Height	Length
150 x 50 m				
FK-B 150	02907	151	52	30
200 x 50 mm				
FK-B 200	02908	201	52	30

Bend, vertical 45°



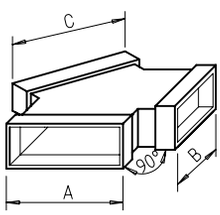
Bend, vertical 45°				
Type	Ref. no.	Dim. in mm Width	Height	Radius
150 x 50 m				
FK-BV 150/45	02917	153	73	45°
200 x 50 mm				
FK-BV 200/45	02918	203	73	45°

Bend, horizontal 90°



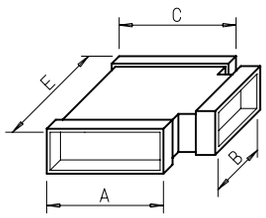
Bend, horizontal 90°				
Type	Ref. no.	Dim. in mm Width	Height	Radius
150 x 50 m				
FK-BH 150/90	02909	153	53	90°
200 x 50 mm				
FK-BH 200/90	02911	203	53	90°

Y-branch



Y-branch				
Type	Ref. no.	A	Dim. in mm B	C
150 x 50 m				
FK-Y 150/150/150	02927	153	153	153
200 x 50 mm				
FK-Y 200/150/150	02929	153	153	203

T-piece

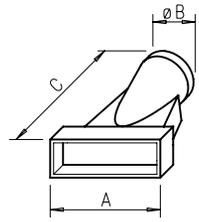


Dimensions in mm

T-piece

Type	Ref. no.	Dim. in mm A	B	C	E
FK-T 150/150/150	02921	153	153	153	250
FK-T 150/150/200	02923	153	153	203	390
FK-T 150/200/150	02926	153	203	153	300
FK-T 200/150/200	02925	203	153	203	250
FK-T 150/200/200	02924	153	203	203	440
FK-T 200/200/200	02922	203	203	203	300

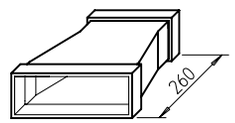
Transition piece



Transition piece

Type	Ref. no.	Dim. in mm A	ØB	C
150 x 50 mm				
FK-Ü 75/150	02948	153	78	260
FK-Ü 100/150	02996	153	103	260
200 x 50 mm				
FK-Ü 100/200	02997	203	103	260
FK-Ü 125/200	02998	203	128	260

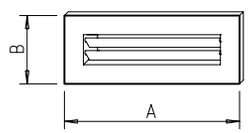
Reducers



Reducers

Type	Ref. no.	Dim. in mm Length	Heigth
Reducer symmetrical			
FK-RS 200/150	02932	260	53
Reducer asymmetrical			
FK-RA 200/150	02933	260	53

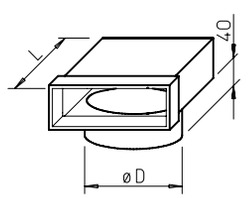
Outlet



Ceiling/wall outlet

Type	Ref. no.	Colour	Dim. in mm A	B
200 x 50 mm				
FK-WA 200 W	09350	White	250	103
FK-WA 200 AL	09351	Alum.	250	103

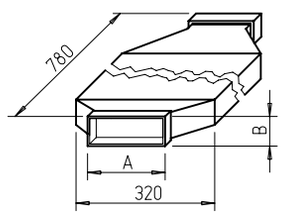
End piece – Spiral duct



End piece with connection for spiral duct

Type	Ref. no.	Dim. in mm Ø D	L
150 x 50 mm			
FK-ER 150/100	02934	99	200
FK-ER 150/125	02935	124	200
200 x 50 mm			
FK-ER 200/160	02936	159	220

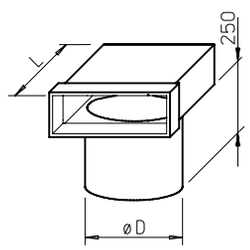
Silencer



Silencer

Type	Ref. no.	Dim. in mm A	B
150 x 50 mm			
FK-SD 150	02945	153	53
200 x 50 mm			
FK-SD 200	02946	203	53

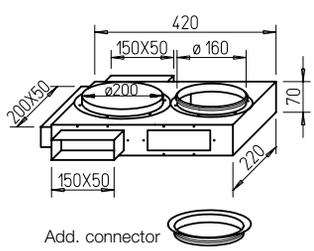
End piece – Valve



End piece with connection for spiral duct

Type	Ref. no.	Dim. in mm Ø D	L
150 x 50 mm			
FK-EV 150/100	02937	102	200
FK-EV 150/125	02938	127	200
200 x 50 mm			
FK-EV 200/100	02939	102	200
FK-EV 200/125	02940	127	200

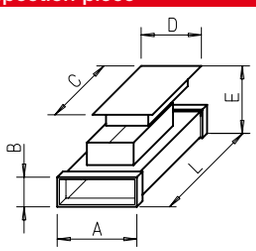
Distribution box



Distribution box

Type	Ref. no.
FK-VK	02987
Delivery FK-VK	
4 connectors 150 x 50 (2 enclosed loose),	
1 connectors 200 x 50 and 1 inspection panel.	
Add. connectors for straight distributor	
FK-ZS	02947

Inspection piece

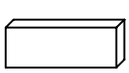


Inspection piece

Type	Ref. no.	Dim. in mm A	B	C	D	L
150 x 50 mm						
FK-RZ 150	02930	153	53	347	137	500
200 x 50 mm						
FK-RZ 200	02931	203	53	347	137	500

Dim. E can vary from 105-130 mm.

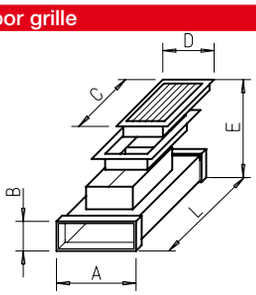
End cover



End cover

Type	Ref. no.
150 x 50 mm	
FK-ED 150	02943
200 x 50 mm	
FK-ED 200	02944

Floor grille

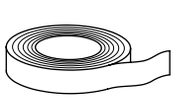


Aluminium floor grille with inst. casing

Type	Ref. no.	Dim. in mm A	B	C	D	L
150 x 50 mm						
FK-BA 150	02986	153	53	348	152	500

Dim. E can vary from 112-152 mm.

Sealing tape



Sealing tape/Tape

Type	Ref. no.	
Cold shrink tape		
KSB	09343	50 mm wide, 15 lin. m
Aluminium cold shrink tape		
KSB ALU	09344	50 mm wide, 15 lin. m
Tape		
KLB	00619	50 mm wide, 20 lin. m