flex*pipe* is embedded directly in concrete or on/under ceilings,
- **Simple planning and quick installation due to star-shaped, flexible continuous installation from the roll.**
- **Construction site-compliant handling due to low weight.**
- **Quick commissioning, uniform air distribution.**
- **Easy to clean.**

Available in two sizes and designs

☐ **flex*pipe*** FRS 63
External Ø: 63 mm, internal: 52 mm for vol. flows up to 20 m^3/h.

☐ **flex*pipe*plus**
External Ø: 75 mm, internal: 63 mm for vol. flows up to 30 m^3/h. Can be combined with oval duct FRS-R 51 and oval components, see page 162 ff.

Properties and advantages

☐ Special ventilation duct made of hygienically safe PE-HD new material, odourless.
☐ The two-layer design (externally corrugated and internally smooth and antistatically treated) offers the following advantages:
– Low flow resistances and high sound insulation.
– Minimal dirt deposits.
– Easy to clean.

Installation

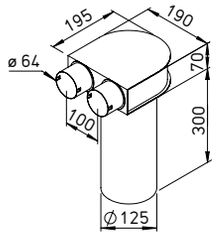
☐ The **flex*pipe*** plastic corrugated pipe has high ring strength (S_{R24} > 8 kN/m^2) and it can be installed directly in, on or under concrete ceilings due to its high flexibility in the desired system.
☐ Airtight and watertight connection simply through the use of FRS seal rings.

flex*pipe* vent. duct round



flex*pipe* vent. duct (bundle = 50 lin. m)			
Type **Ø 63 mm**	Ref. no.	Dim. in mm Ext. Ø	Int. Ø
FRS-R 63	09327	63	52

Ceiling box

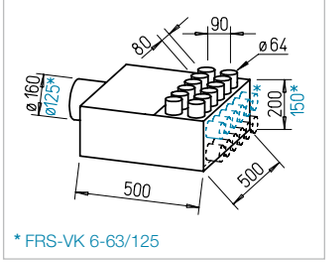


Dimensions in mm

Ceiling box [2] for valve connection DN 125	
Type **Ø 63 mm**	Ref. no.
FRS-DKV 2-63/125	09430

Ceiling box incl. plaster/formwork lid. For connection of supply or extract air valves DN 125 (accessories, see page 180).

Distribution box 6-63, 12-63

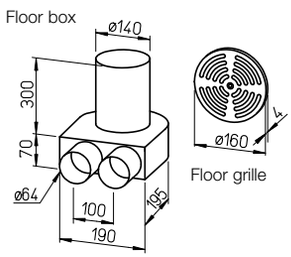


* FRS-VK 6-63/125

Distribution box 6-63, 12-63 [1]		
Type **Ø 63 mm**	Ref. no.	Ø NW mm
FRS-VK 6-63/125	09355	125
FRS-VK 12-63/160	09336	160

For connection of up to 6 or 12 ventilation ducts FRS-R 63, with sound-absorbing cladding. The connector plate can be replaced with the inspection opening and rotated 90° for type 12-63.

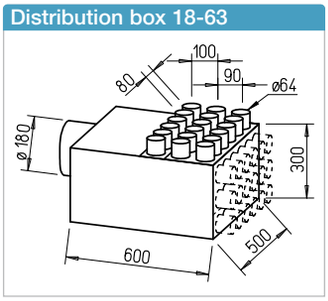
Floor box set



Floor box set [2]	
Type **Ø 63 mm**	Ref. no.
FRS-BKGS 2-63	09991

Floor box set consists of:
– 1 pc. floor box for grille connection DN 160
– 1 pc. floor grille made of brushed stainless steel with adjustable volume flow.

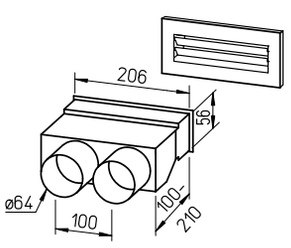
Distribution box 18-63



Distribution box 18-63 [1]		
Type **Ø 63 mm**	Ref. no.	Ø NW mm
FRS-VK 18-63/180	09364	180

For connection of up to 18 ventilation ducts FRS-R 63, with sound-absorbing cladding. The connector plate with the connectors can be replaced with the inspection opening and rotated 90°. This allows installation as a straight or 90° distributor.

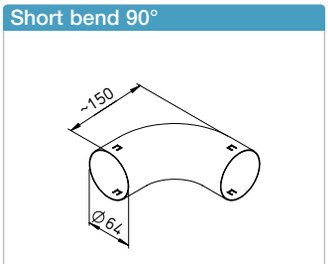
Wall outlet set



Wall outlet set, straight [2]	
Type **Ø 63 mm**	Ref. no.
FRS-WDS 2-63	09993

Wall outlet set consists of:
– Wall outlet with sliding connector
– Wall outlet white (FK-WA 200 W), 250 x 103 mm

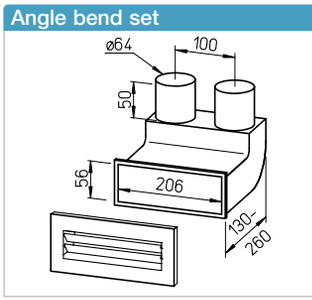
Short bend 90°



Short bend 90°	
Type **Ø 63 mm**	Ref. no.
FRS-B 63	09348

Short bend 90° for bending radius < 2 x external duct diameter.

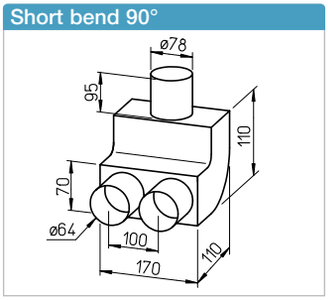
Angle bend set



Angle bend set, 90° [2]	
Type **Ø 63 mm**	Ref. no.
FRS-WBS 2-63	09995

Angle bend set consists of:
– Angle bend with sliding connector
– Wall outlet white (FK-WA 200 W), 250 x 103 mm

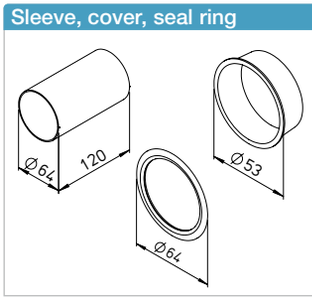
Short bend 90°



Short bend 90°	
Type **Ø 63 mm**	Ref. no.
FRS-B 75/2-63	09341

Short bend 90° as transition from 1 x 75 mm to 2 hoses with 63 mm.

Sleeve, cover, seal ring



Sleeve, cover, seal ring		
Type **Ø 63 mm**	Ref. no.	Unit
FRS-VM 63 Sleeve	09329	
FRS-VD 63 Cover	09330	10 pcs.
FRS-DR 63 Seal ring	09331	10 pcs.

Note: A seal ring (for IP66) must be used at every connection point (duct / duct, duct / moulded part). Please order corresponding number separately. Coating with lubricant is recommended for installation.

[1] incl. 6 pcs. cover.
[2] incl. 1 pcs. cover.