

**FOR SMOOTH DEDUSTING OF MIXING PROCESSES AND  
CONVENIENT DUST RECYCLING.**



**Filter materials with  
extra long durability**

**Made possible  
through outstanding  
construction design**

**Easy integration into  
existing systems**

The MIXFI is a mixing filter used for direct dedusting of mixed charges.

**Areas of Application**

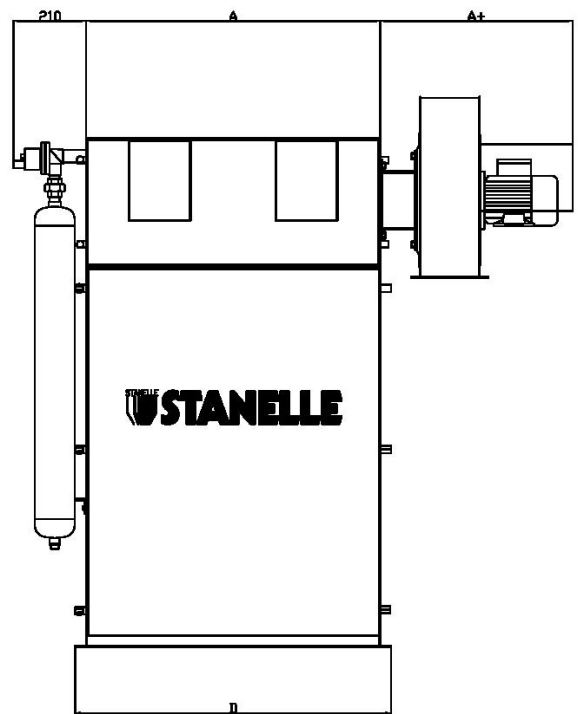
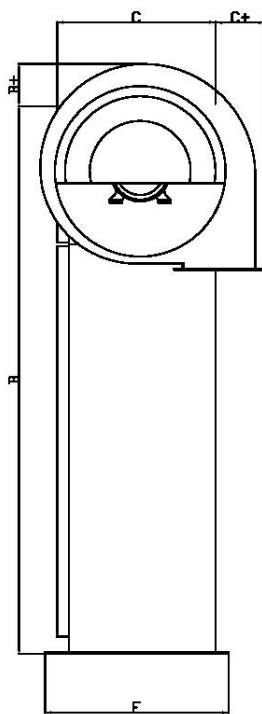
- Smooth dust recycling of filter dusts to the mixer
- Direct installation on top of an exhaust air chute or
- Dust collection box design with aspiration port on the side through which the mixing filter can be installed directly next to the mixer and dedust it through a flexible tube.
- Special dedusting system with vacuum flaps respectively leak air at the mixer cleanout.
- Variable 2/2 way solenoid valve and ventilator voltage in AC or DC.
- Clocked relay for cleaning the filter cartridges (optional).
  
- Filter body made out of steel ST 32-2, plastic coated, hammer tone silver gray respectively stainless steel.

**Details / Explanation**

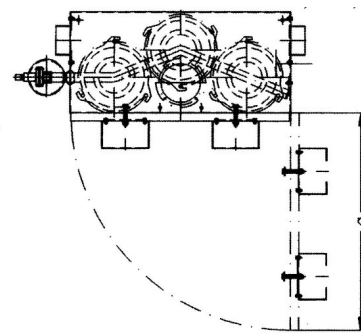
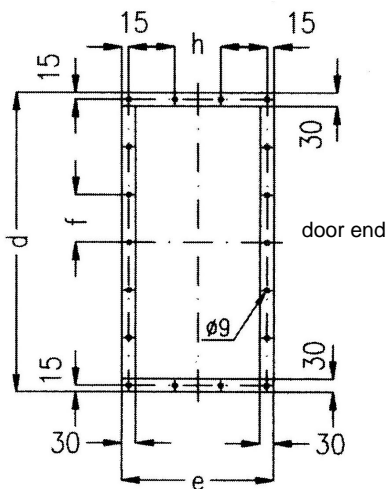
**Finish**

Dimensions Mixfi

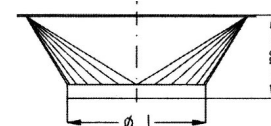
Filter area m <sup>2</sup>	10,5	15	18
A / A+	600 / 470	800 / 524	800 / 519
B / B+	1440 / 110	1390 / 110	1590
C / C+	300 /	400	400
D	660	860	860
E	330	460	460
f	105	166	166
g	750	950	950
h	3 x 100	2 x 215	2 x 215
Ø l	295	295	295
m	250	400	400



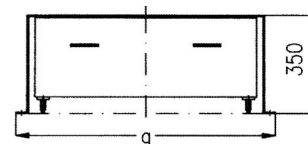
Connection hole pattern



with hosebarb



with dust collection box



### Technical Data Mixfi

Filter area m <sup>2</sup>	10,5	15	18
Mixer size to	1.125 ltr.	2.500 ltr.	4.500 ltr
Capacity Nm <sup>3</sup> /h	500	750	900
Maximum temperature	130° C		
Filter cartridges/pcs.	1		
Filter medium	Polyester		
Solenoid valve/pcs.	3		
Operating pressure	max. 6 bar		
Air connection/mm	ø 12		
Actuation air	160 Nltr/min.		
Weight kg	80	110	120

### Technical Data Ventilator

Filter area m <sup>2</sup>	10,5	15	18
Ventilator power	0,48 KW	0,75 KW	1,5 KW
Current consumption	ca. 2,1 / 1,2 A	ca. 3,1 / 1,8 A	ca. 6,1 / 3,5 A
Motor voltage	230 / 400 V		
Solenoid valve voltage	24 V AC		
Static pressure increase	ca. 1800 PA	ca. 2200 PA	ca. 2800 PA
Volume flow m <sup>3</sup> /h	max. 840	max. 1140	max. 1620

### Article Number

Filter area m <sup>2</sup>	10,5	15	18
Article number	722 10 266	722 10 269	722 10 272

### Extra Charges for

Dust collection box for filter area m <sup>2</sup>	10,5	15	18
Article number	722 10 105	722 10 104	722 10 104

**Various voltages and explosion proof versions of ventilator and solenoid valve coils are available!**

**Notice**



**Additional sizes and options (e.g. pressure surge protected version) can be tailored to your special application!**

**Notice**



**When placing an order please define the materials which are mixed in your silo system (e.g. cement, lime etc...)**

### Accessories for Mixfi

Dedusting control for top hat rail installation	Article number
For dedusting of the mixing filter during the mixer cleanout. Control board for on site installation into the control box. Blow time set up, break time adjustable through potentiometer (2 – 15 s). Voltage 230 V AC	881 10 062
<b>Alternative:</b> Mounted to the plastic box on the filter and completely wired. Control process see above. Voltage 230 V AC	881 10 063

### Additional Accessories For Mixfi

Adapterflange: To flange on the mixing filter. Hosebarb specification St 37, rust removal SA 1. Grounding and top coat hammer stroke grey.	Mixfi 10,5	Mixfi 15		Mixfi 18	
	Ø 300	Ø 300	Ø 500	Ø 300	Ø 500
Article number	722 10 012	722 10 082	722 10 139	722 10 082	722 10 139

Spiral tube: For connecting the mixer air vent with the adapter flange of the mixing filter. To exhaust the air/dust mixture from the mixer. Per running meter	Mixfi 10,5	Mixfi 15		Mixfi 18	
	Ø 300	Ø 300	Ø 500	Ø 300	Ø 500
Article number	722 10 080	722 10 080	722 10 074	722 10 080	722 10 074

Special tube clamp: For spiral tube	Ø 300	Ø 500
Article number	722 10 103	722 10 075