

**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**

Areas of application

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

- 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
- Clocked relay for cleaning the filter cartridges (optional)

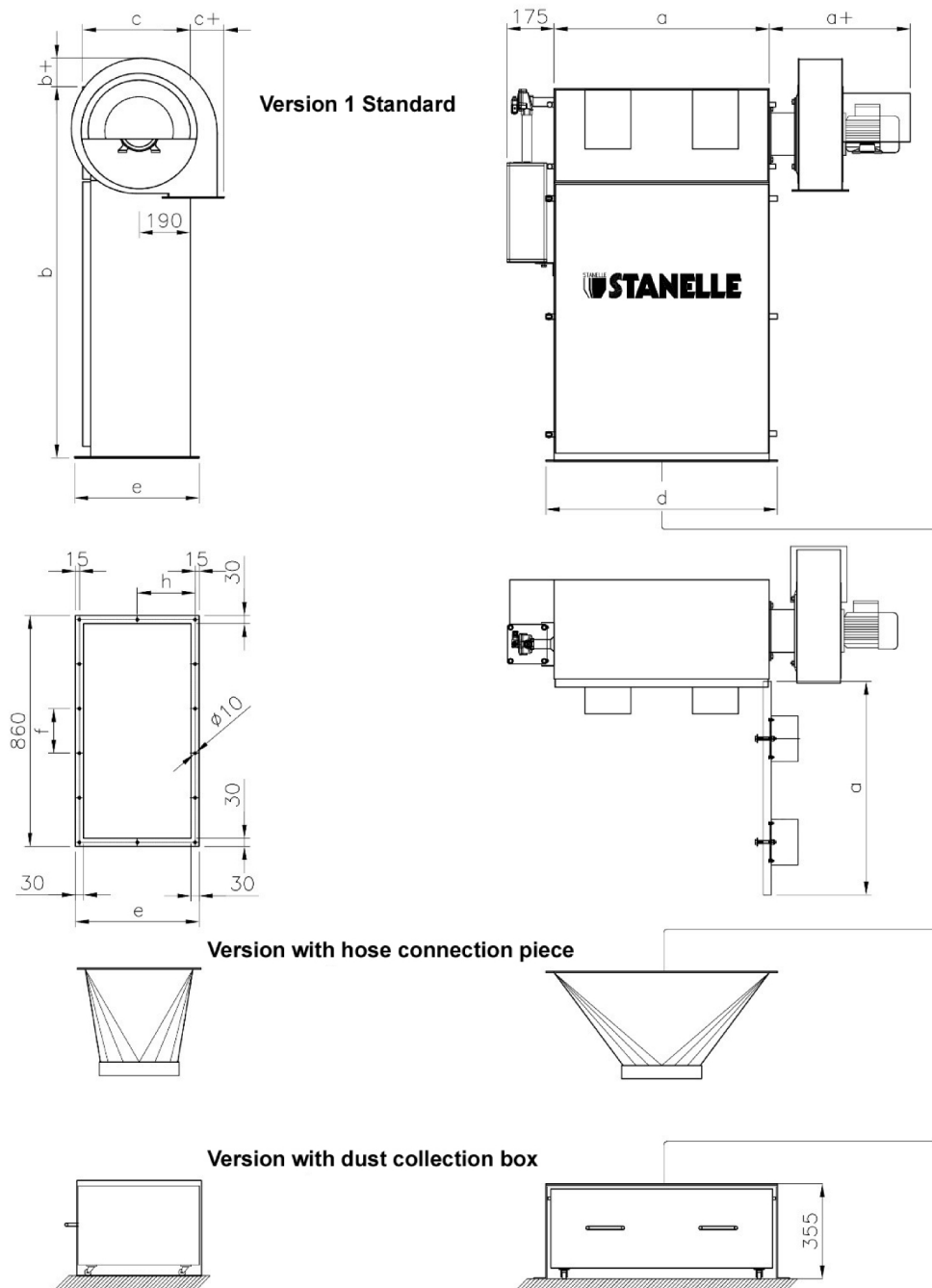
Details / Explanation

- Rust removal: SA 2,5
- Primer: 2K; 40µm
- Top coat: 2K; RAL 9006; 40µm

Finish

Dimensions Mixfi

Model	10	15	18	21
a / a+	600 / 480	800 / 490	800 / 460	800 / 990
b / b+	1390 / 50	1390 / 90	1590 / 85	1790 / 165
c / c+	300 / 205	400 / 145	400 / 115	400 / 240
d	660	860	860	860
e	330	460	460	460
f	105	166	166	166
g	750	950	950	950
h	3 x 100	2 x 215	2 x 215	2 x 215
Ø l	295	295	295	295
m	250	400	400	400



Technical data Mixfi

Model	10	15	18	21
Mixer size to	1.125 ltr.	2.500 ltr.	4.500 ltr	6000 ltr
Capacity/ Nm ³ / h	500	750	900	1050
Maximum temperature	120° C			
Filter cartridges / pcs.	3			
Filter medium	polyester			
Solenoid valve / pcs.	1			
Operating Pressure	4 bar			
Air connection / mm	ø 12			
Actuation air	105 Nltr/ min. with a break time of 20 sec.			
Weight kg	80	110	120	140
Fan power kW	0,37	0,75	1,1	1,5
Fan voltage	230 / 400 V			

Article number

Model	10	15	18	21
Article number	722 10 266	722 10 269	722 10 272	722 10 301

Additional price for

Dust collection box for model	10	15	18	21
Article number	722 10 105	722 10 104	722 10 104	722 10 104

Fan and solenoid valve voltage are variable and also available in Ex-version!

Notice



Further sizes and applications (e.g. pressure shock resistant design) according to your requirements, possible on request!

Notice



Please indicate the media to be mixed when placing the order. 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 via potentiometer (2 - 15 s). Voltage 230 V AC	881 10 062
Alternative: Mounted to the plastic box on the filter and completely wired. Control process see above. Voltage 230 V AC	881 10 063



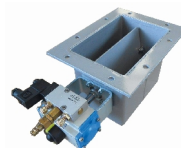
Additional accessories for Mixfi

Adapterflange: To flange on the mixing filter. Hose connection specification S235JR, Rust removal SA 1. Primer and top coat RAL 9006	Mixfi 10	Mixfi 15 / 18		Mixfi 21
	Ø 300	Ø 300	Ø 500	Ø 500
Article number	722 10 012	722 10 082	722 10 139	722 10 139










Spiral tube: For connecting the mixer air vent with the adapter flange of the mixing filter. To exhaust air/dust mixture from the mixer. Each running meter	Mixfi 10	Mixfi 15 / 18		Mixfi 21
	Ø 300	Ø 300	Ø 500	Ø 500
Article number	722 10 080	722 10 080	722 10 074	722 10 074




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

Equipment / Spare parts

	Article number	
Quick-release flap for Mixfi 10 / GCM2510	722 10 369	
Quick-release flap for Mixfi 15 / GCM2810	722 10 375	
Quick-release flap for Mixfi 18 / GCH3540	722 10 374	

Equipment / Spare parts

Model	10	15	18	21	
Article number					
Filter cartridge SLP Standard	722 10 172	722 10 001	722 10 158	722 10 171	
Filter cartridge SLP antistatic ATEX 	722 10 088	722 10 087	722 10 057	722 10 135	
Filter cartridge SLP up to 150°C	722 10 325	722 10 218	722 10 183	On request	
Valve cover set without coil for ATEX / 881 10 210 	881 10 268				
Valve cover set 24V/DC, consisting of valve cover and electric coil	881 10 245				
Valve cover set 230 V/AC, consisting of valve cover and electric coil	881 10 247				
Diaphragm for quick relief valve	881 10 246				
Solenoid valve, 24V/DC	881 10 245-01				
Solenoid valve, 230V/AC	881 10 247-01				
Valve covers	881 10 253				

Valve connector type BI, cable 2m	881 10 401	
Filter regulator G 1/2"	874 10 001	
Solenoid valve complete 24V/AC / 24V/DC Old filter design (until 2013)	On request	

Fan and solenoid valve coils -voltage are variable and also available in Ex-version!

Notice



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