

FOR EFFEKTIVE DEDUSTING OF SCALES



**Zewafi available on
request in Ex-protected
version**

picture: Zewafi 3 in ATEX Zone 20/22 Design

The Stanelle filter type ZEWAFI is an electrically controlled fully automatic filter with external pressure vessel and will be used for dedusting scales.

The ZEWAFI includes a pressure reducing valve and is ready for operation after connection to the on-site supply of dry, technically clean compressed air at an operating pressure of 3 - 4 bar and integration into the higher-level control system. It can be used for a operation temperature area up to 130 °C. In combination with the Stanelle Mixfi mixer filters, the Zewafi is a universal solution for mixing plants with aggregate scales.

The filter cartridges, which can be supplied in different qualities, can be replaced without the use of tools. The filter door can be removed after a lock has been released so that the cartridge can be accessed immediately. The cartridge is cleaned pneumatically by a quick release valve. The high-quality, star-folded fleece fabric (PTFE-coated polyester as standard) ensures a low residual dust content of the filtered air.

**Areas of
application**

Details / Explanation

- Economical dedusting of scales, especially cement scales.
- Extremely compact design
- Large door openings for easy cleaning and maintenance. Variable Bauformen.
- Filter dust is returned to the bulk material - there is no hazardous waste.
- High degree of separation (residual dust content < 5 mg/m³).
- The control system must be provided by the customer or integrated into the mixer/scale control system. - Optionally a Stanelle clock control is also possible.

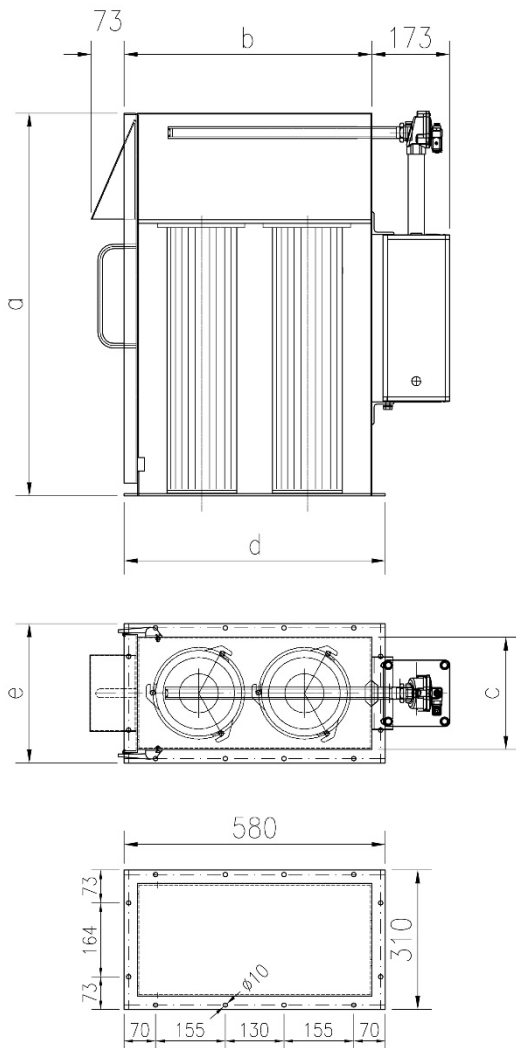
- Filter housing made of sheet metal, painted in RAL 9006.
- **Other materials, e.g. stainless steel on request**

Finish

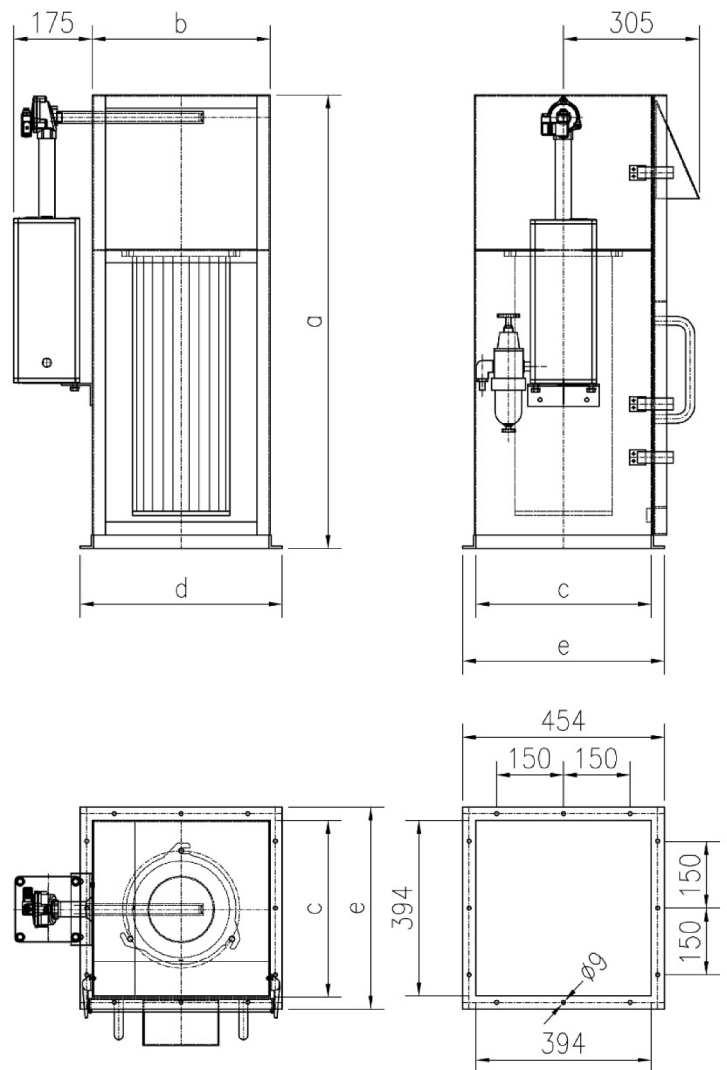
Dimensions Zewafi (mm)

Model	Zewafi 3	Zewafi 4	Zewafi 5	Zewafi 6
a	1020	850	1420	1250
b	400	548	400	548
c	400	250	400	250
d	454	580	454	580
e	454	310	454	310

Dimensioned drawing Zewafi 4 / 6



Dimensioned drawing Zewafi 3 / 5



Tecnical data Zewafi

Model	Zewafi 3	Zewafi 4	Zewafi 5	Zewafi 6
Capacity Nm ³ /h	150	250	250	300
Maximum temperature	100°C or according to requirements with special filter media			
Filter cartridges / pcs.	1	2	1	2
Size / mm	225 x 600	150 x 600	225 x 1000	150 x 1000
Filter medium	polyester			
Solenoid valves / pcs.	1	1	1	1
Operating pressure	2,5 bar			
Air connection	hose nozzle 12 mm			
Actuation air	75 Nltr/min with a break time of 20 sec.			
Weight / kg (ca.)	60	65	70	80

The model number corresponds approximately to the filter area in m². The exact filter area depends on the filter media selected for the application.

Article number

Model	Zewafi 3	Zewafi 4	Zewafi 5	Zewafi 6
Standard	722 10 293	722 10 354	722 10 501	722 10 502
ATEX 20/22	722 10 509	722 10 510	722 10 511	722 10 512

Filter elements

Model	Zewafi 3	Zewafi 4	Zewafi 5	Zewafi 6
Standard	722 10 550	722 10 006	722 10 001	722 10 173
ATEX 20/22	722 10 551	722 10 018	722 10 087	722 10 088

Other sizes and applications according to your requirements are available on request!

Please indicate the characteristics of the media to be pumped when making an enquiry: e.g. cement, lime, animal feed, salt, sugar, etc.

Notice

