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Dustgasfilter KFR & KFV

- 2 seal variants -

application

Dust filtration of carrier-gas at multi-phase flows after separation in aerodynamic systems of continuous / semi-continuous processing preferably in vertical assembly for protecting the gas-drive (SK Side Channel Turbine or SKZ Turbine). All unit sizes are equipped with 2x DN16-KF auxiliary ports for evacuation, gas-control and/or pulse-cleaning.


KFR-150

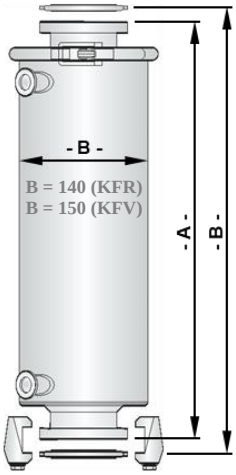

KFR-150


KFV-150


KFV-363

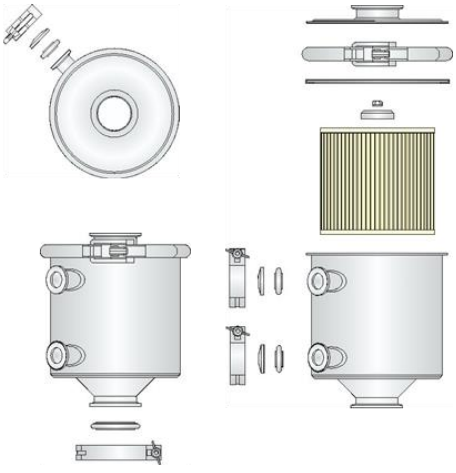
difference KFR/KFV and options

Type KFR is equipped with flange seals and quick-lock clamp and can therefore only be evacuated to a limited extent. Type KFV is completely and securely sealed also against negative pressure with ring-seal and screw connection. Filter elements can be exchanged and cleaned for both types. Options for all types and sizes: • Vibration module for reflux of solid-phase (at vertical assembly only) • water cooling and/or heating • employment of chemical reactants, e.g. activated carbon or zeolite.



KFR-363 (DN63)


KFR-250 (DN50)


KFR-140 (DN40)

technical data, dimensions

unit size KFR/KFV-	**140**	**150**	**163**	**240**	**250**	**263**	**340**	**350**	**363**
for Simoloyer® conti-s1	CM01-CM08			CM08-CM20			CM20-CM400		
ports flow-in/out	DN40	DN50	DN63	DN40	DN50	DN63	DN40	DN50	DN63
auxiliary ports	2x DN16			2x DN16			2x DN16		
ports cooling (opt.)	G 3/8			G 1/2			G 3/4		
total unit length -A- [mm]	185	190	205	305	310	325	430	435	450
installation length -B- [mm]	189	194	209	309	314	329	434	439	454
filter surface E/A [m²]	0.36			0.72			1.08		
cross-section surf. E/A [cm²]	10.2			16.6			27.3		
cross-sec. factor CQE/AOF	3.53			4.34			3.95		
net weight type KFR [kg]	3.5	3.5	4	4.5	4.5	5	6	6	6.5
net weight type KFV [kg]	4	4	4.5	5	5	5.5	6.5	6.7	7
operation pressure & temp.	2 bar max., 50 ºC max.								
ports & material	standard-KF, stainless steel 1.4301 (except filter cartridge)								
definition example	Dustgasfilter KFR-250 | Dustgasfilter KFV-250