

Cartridge Filter Housings

FA-Filter units made of PP or PVDF

FA Filter units made of PP or PVDF are compact, space-saving filter units. Equipped with magnet-driven centrifugal pumps they are especially suited for filtration of acids or to recycle galvanic baths. All FA filter units are delivered completely assembled; including an electrical cable and on/off switch. The cap houses a pressure gauge for pressure control. The cap can be opened with plastic stargrips, without tools. There are either one or more center posts within the filter housing to accommodate filter cartridges with double-ended openings. The center posts have been inserted into the intermediate plate of the filter housing via an adapter with a double o-ring 222. By extracting the center posts, the filter housings can be fitted with adapter cartridges code 0 or code 5. The FA filter units listed below display the standard version. At your request we custom make and deliver special connection sizes and types.



FA Filter units

Technical data

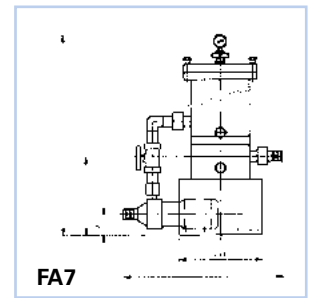
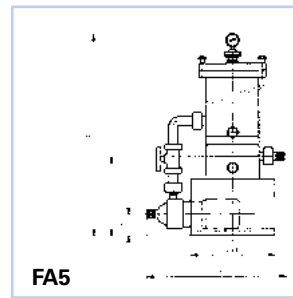
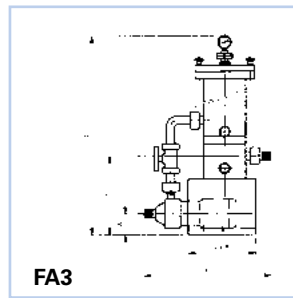
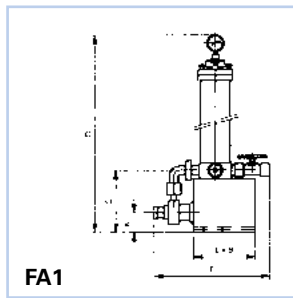
Material:	Housing: polypropylene or PVDF
	O-Ring: viton
In-/Outlet:	Cover reinforcement: 1.4301
	See table
Vent:	1/2"
Drainage:	2 x 1/2"
Filter elements:	Code 0: 10", 20", 30" or 40"
	Code 5: 10", 20", 30" or 40"
	DOE: 9 3/4", 10", 19 1/2", 20"
	29 1/4", 30", 39" or 40"
PP Housings: Pressure:	5 bar @ 30°C without cover reinforcement
	6 bar @ 30°C with cover reinforcement
Temperature:	50°C @ 3bar without cover reinforcement
	60°C @ 3bar with cover reinforcement
PVDF Housings: Pressure:	7 bar @ 30°C without cover reinforcement
	8 bar @ 30°C with cover reinforcement
Temperature:	80°C @ 3bar without cover reinforcement
	90°C @ 3bar with cover reinforcement
Flow rate:	The maximum flow rate correlates to the nominal diameter of the housing connection and the characteristic curve of the flow rate of the chosen filter element.

Applications

- Filtration of acids and lyes
- Recycling of galvanic baths
- Inter-tank transfer of chemicals

Features and Benefits

- Ready-to-use filter systems
- With a magnet-powered centrifugal pump
- Made of PP or PVDF
- Different construction sizes and lengths
- Space saving construction



FA1	Plant	Cartridges	Possible pumps	L x B	A	C	D	E
	FA1-10	1 x 09 3/4 1 x 10"	M4E-EP-R230 M5E-EP-R230 M5.5-EP-R230	230 x 170	74	230	650	380
	FA1-20	1 x 19 1/2 1 x 20"		230 x 170	74	230	900	380
	FA1-30	1 x 29 1/4 1 x 30		230 x 170	74	230	1150	380
	FA1-40	1 x 39" 1 x 40"		230 x 170	74	230	1400	380
Dimensions in reference to pump type M5E-EP-R230. Subject to modifications.								

FA3	Plant	Cartridges	Possible pumps	L x B	A	C	D	E
	FA3-10	3 x 09 3/4 3 x 10"	M5E-EP-R230 M5.5E-EP-R230 M6E-EP-R400 M7E-EP-R400	320 x 260	91	360	1005	450
	FA3-20	3 x 19 1/2 3 x 20"		320 x 260	91	360	1255	450
	FA3-30	3 x 29 1/4 3 x 30		320 x 260	91	360	1505	450
	FA3-40	3 x 39" 3 x 40"		320 x 260	91	360	1755	450
Dimensions in reference to pump type M6E-EP-R400. Subject to modifications.								

FA5	Plant	Cartridges	Possible pumps	L x B	A	C	D	E
	FA5-10	5 x 09 3/4 5 x 10"	M5.5E-EP-R230 M6E-EP-R400 M7E-EP-R400 M8E-EP-R400	400 x 400	101	370	1030	610
	FA5-20	5 x 19 1/2 5 x 20"		400 x 400	101	370	1285	610
	FA5-30	5 x 29 1/4 5 x 30		400 x 400	101	370	1550	610
	FA5-40	5 x 39" 5 x 40"		400 x 400	101	370	1805	610
Dimensions in reference to pump type M7E-EP-R400. Subject to modifications.								

FA7	Plant	Cartridges	Possible pumps	L x B	A	C	D	E
	FA7-10	7 x 09 3/4 7 x 10"	M5.5E-EP-R230 M6E-EP-R400 M7E-EP-R400 M8E-EP-R400 M10E-EP-R400	400 x 400	136	385	1220	680
	FA7-20	7 x 19 1/2 7 x 20"		400 x 400	136	385	1465	680
	FA7-30	7 x 29 1/4 7 x 30		400 x 400	136	385	1720	680
	FA7-40	7 x 39" 7 x 40"		400 x 400	136	385	1975	680
Dimensions in reference to pump type M8E-EP-R400. Subject to modifications.								