

# SONOREX TECHNIK

## Filtration FA

for the filtering of aqueous liquids for baths with a capacity of 13 litres or more

The cleaning liquid drained from the ultrasonic bath, including the contained particles, is passed through a prefilter and fine filter and then pumped back into the ultrasonic bath. The prefilter protects the centrifugal pump from coarse contamination, while the fine filter reliably removes the particles from the cleaning liquid.





The process serves to extend the useful life of the cleaning liquid, but not to comply with the wastewater effluent limits.



Filtration ... Consisting of: filter aggregate (basic device) connection kit	FA 16	FA 40	FA 75	FA 110	FA 180	FA 210	FA 220	FA 320
	FA 610 APF 16	FA 610 APF 40/75	FA 620 APF 40/75	FA 620 APF 110/180/210	FA 620 APF 110/180/210	FA 620 APF 110/180/210	FA 620 APF 220	FA 620 APF 320
Code No.	8608	8609	8610	8611	8612	8613	8614	8615

### Filter aggregate FA 610 / 620 (basic device)

Inlet	G ½ female thread	
Outlet	G ½ female thread	
External dimensions, l × w × h	455 × 565 × 670 mm	
Console	stainless steel	
Fittings	stainless steel, brass, galvanically coated, polypropylene (PP)	
Hoses	HDPE, stainless steel reinforced (AISI 304)	
Feet	4 rubber feet	
Degree of protection	IP 55	
Power supply		
Mains supply	230 V~ 50 Hz	
Power consumption	0,25 kW	
Current consumption	1,76 A	
Mains cable	2 m, fixed at the unit, with safety plug CEE 7/7 (type E+F)	
Pre-filter		
Housing	top and base of polypropylene (PP) with O-ring (rubber)	
Filter cartridge	reusable mesh bottom made of perlon textile, on a holder	
Filter tenuity	350 µm	
Filter cartridge size	9 ¾"	20"

	FA 16	FA 40	FA 75	FA 110	FA 180	FA 210	FA 220	FA 320
Main filter								
Housing	top and base of polypropylene (PP) with O-ring (rubber)							
Filter cartridge	disposable filter-holder made of PP, integrally taped							
Filter tenuity	25 µm							
Filter size	9 ¾"		20"					
Pump								
Pump type	magnetically coupled centrifugal pump							
Pump power	0,25 kW							
Working temperature	max. 70 °C							
Pressure	max. 1.0 bar							
Flow rate	6 m³/h, h = 10 m							
Material	PP (fibreglass-reinforced), HD carbon, ceramic, seals made of Viton							
Environmental conditions								
Permissible ambient temperature	5 to 40 °C							
Permissible relative humidity at 31 °C	80 %							
Permissible relative humidity at 40 °C	50 %							
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Connection kit	APF 16		APF 40/75		APF 110/180/210		APF 220 and APF 320	
Hoses	EPDM							
Hose socket	brass, galvanically coated							
Return flow pipe	stainless steel							
Shipping information								
Weight net	20 kg		21 kg					
Weight gross	32 kg		33 kg					
Packing, l × w × d	½ pallet, 800 × 600 × 950 mm							