



type	consisting of
FA 16	FA 610 + APF 16
FA 40	FA 610 + APF 40
FA 75	FA 620 + APF 75
FA 110	FA 620 + APF 110
FA 180	FA 620 + APF 180
FA 210	FA 620 + APF 210

Connection kit APF for the connection with the ultrasonic tank.

## Technical description

The filtration unit FA is applied to filter aqueous cleaning liquids of up to 70 °C maximum temperature thus extending the endurance of the cleaning liquid in ultrasonic tanks from 13 liters volume on.

The filtration unit FA consists of two filter housings of polypropylene (PP) and a magnetically coupled centrifugal pump, which are mounted on a stainless steel base.

The primary filter protects the pump from coarse pollution. The main filter is used for deep-bed filtration. Further equipment is a pressure switch, a ball valve, a control box with on button, a mains switch and 2 meters connecting cable with grounded plug.

- The pressure switch switches off the pump, if the main filter is clogged – the main filter has to be replaced.
- The flow rate can be controlled by the ball valve.

## Installation:

The pump of the filtration unit must be in a lower position than the liquid level of the tank.

## Technical data:

<b>Base:</b>	Filter housing and pump are mounted on a stainless steel base. Joints are made of stainless steel, hoses are made of EPDM and fittings are made of stainless steel, brass, galvanically coated and PP.	
<b>Primary filter:</b>	housing:	top and base of polypropylene (PP)
	filter cartridge:	reusable strainer of perlon tissue on a supporting-cartridge, degree of filtration 350 µm
	Size	FA 610: 9¾" FA 620: 20"
<b>Main filter:</b>	housing:	top and base of polypropylene (PP)
	filter cartridge:	one way filter element of PP, reeled integrally, degree of filtration 25 µm
	Size	FA 610: 9¾" FA 620: 20"
<b>Pump:</b>	type:	magnetically coupled centrifugal pump
	material:	PP (fibreglass-reinforced), HD carbon, ceramic, sealant made off Viton
	operating temperature:	max. 70 °C
	pressure:	max. 1,0 bar
	pump capacity:	max. 6000 l/h
<b>Connection:</b>	inlet:	G ½ female thread
	outlet:	G ½ female thread
	mains supply:	230 V~ 50 Hz, cable length 2 m
	power consumption:	0,25 kW
<b>External dimensions:</b>	455 × 565 × 670 mm (l × w × h)	
<b>Degree of protection:</b>	IP 55	
<b>Weight, net:</b>	19 kg (FA 610, without connection kit) 20 kg (FA 620, without connection kit)	