

General	SAF-C 4500	SAF 6000	
Maximum flow rate	250 m ³ /h	400 m ³ /h	Consult manufacturer for optimum flow depending on filtration degree & water quality.
Min. working pressure	1.5 bar	2 bar	or lower if pressure increased for flushing.
Max. working pressure	10 bar	10 bar	16 bar upon request
Filter area	4,500 cm ²	6,000 cm ²	
Inlet/Outlet diameter	100,150,200 mm	150,200,250 mm	Flange standards as per request.
Filter housing diameter	250 mm	350 mm	Epoxy-coated steel, or other on request.
Max. working temperature	80°C	80°C	
Weight	100mm = 150 Kg 150mm = 156 Kg 200mm = 165 Kg	150mm = 240 Kg 200mm = 245 Kg 250mm = 260 Kg	

Flushing Data

Exhaust valve	50 mm	50 mm	
Flushing cycle time	20 seconds	40 seconds	
Wasted water per cycle	83 litre	280 litre	at 2 bar
Minimum flow for flushing	15 m ³ /h	25 m ³ /h	at 2 bar

Control and Electricity

Electric motor	35/42 RPM	23 / 28 RPM	1/3 HP
Control voltage	24V AC (12V or 24V DC upon request)		
Rated operation Voltage	3 phase, 220 / 380 / 440 V 50Hz / 60 Hz (12V or 24V DC upon request)		
Current consumption	0.8 Amp. (with 3 phase 380 / 440 V)		

Construction Materials*

Filter Housing and Lid	Epoxy-coated carbon steel 37-2 (Stainless Steel 316 available on request).
Screens	Stainless Steel 316
Cleaning mechanism	Stainless Steel 316, POM
Exhaust valve	Epoxy-coated cast iron, Natural Rubber
Seals	Synthetic Rubber, Teflon
Control	Aluminum, Brass, Stainless Steel, PVC

*Amiad offers a variety of construction materials. Consult the manufacturer for specifications.