

Compact Automatic Filter



UDI® Compact Automatic Filters:

Filtration using a compressed pack of grooved filter discs, especially developed to better filter out organic dirt/waste from water, results in a better filtrate. Coarse parts of dirt are caught on the outside, while the finer dirt parts are trapped in the pack of discs. This leads to a degree of deep filtration which is comparable to sand-bed filtration.

UDI® CAF units are composed of one or several S.K. filters whose filter element consists of plastic discs compressed on a variable holder. During the flushing cycle, a powerful jet from a multi-jet nozzle system removes the dirt settled on and in the element from the lightly rotating, pressed-open filter discs. This results in complete cleaning from the inside with a minimum of flushing water.

The filter units are fitted with PVC pipes and flush valves to form a compact assembly. The shape and dimensioning of the unit can be adapted to any system. Due to the modular construction, it is possible to realize any capacity.



Subject to changes and/or improvements

CAF filterunits Technical Data

Applications:

- Cooling-water systems
- Intake of water
- Re-circulation systems
- Irrigation systems
- Fine filtration
- Prefiltration of disinfection equipment
- Prefiltration for micro and ultrafiltration

Materials:

- Filter body: polyester
- Filter rings: polypropylene
- Valves: plastic
- **Flush valve: polypropylene, FPM**
- Rest: St.st., Buna N, PVC

CAF I automatic flushing rings filter consists of:

- 1 2" S.K. filter
- 2 2" Bermad valves
- 2 1½" Bermad valves
- 1 2" flushing filter in-line
- 2 3-2 flushing valves

CAF Multi has the following components per module:

- 1 2" S.K. filter
- 1 2" Bermad back flushing valve
- 1 3-2 Flushing Valve
- In- and outlet pipes, depending on the capacity
choice of: 65-75-90-110-125mm PVC -pipe



Technical Data:	Unit	
In/outlet	inch	2"
Min. Flushing pressure	bar	3,5
Max. pressure	bar	10
Flushing capacity	m ³ /h	8-10
Max. capacity (per module)	m ³ /h	20
Flushing water (per module)	ltr	±30
Weight CAF Multi (per module)	kg	±15
Weight CAF1 (complete)	kg	13
Maximum temperature	°C	70

*)when ordering specify micronage. Choose from:
200, 130, 115, 75 and 25 mic.



UVAR

Subject to changes and/or misprints