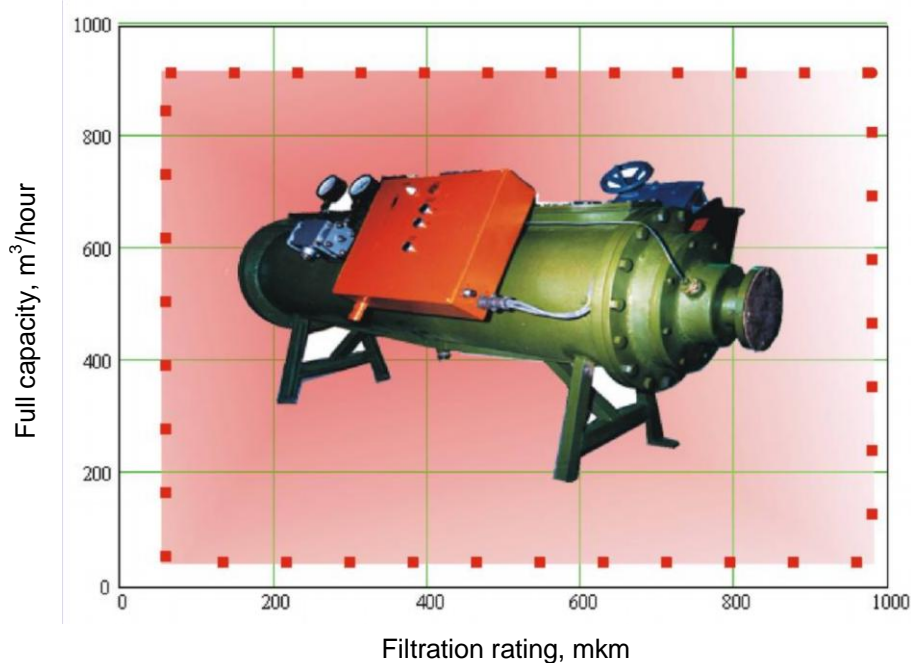


## Filter modification F-1

Self-cleaning filters F-1 are developed for cleaning the liquids from mechanical impurities (metal cutting chips and scale, fractured remains of polymer materials, sand, mud, algae, calciferous scales in the pipes and lots of other particles).

### Application area of F-1



The cleanable liquids are: water, oil and petrochemicals, lubrication-cooling liquids, solvents, paints etc.

Filters F-1 differ with their more speed of filtration and less sizes than filters with grain filtering filling. The great disadvantage of wire mesh filters are their small contaminant capacity, which is eliminated by self-cleaning of filter-elements.

In the former Soviet Republics one can't find any analog of stable operated and commercialized self-cleaning filters of the given modification (considering their technical characteristics).

F 1/36	F 1/100
Full capacity 36 m <sup>3</sup> /hour	Full capacity 100 m <sup>3</sup> /hour
Level of initial contamination up to 0,2 g/litre	Level of initial contamination up to 0,2 g/litre
Filter capacity 40-1000 mkm	Filter capacity 40-1000 mkm
Viscosity up to 600 cSt	Viscosity up to 600 cSt
Pressure drop 0,01-0,05 MPa	Pressure drop 0,01-0,05 MPa
Pressure in the net 0,3-1,0 MPa	Pressure in the net 0,3-1,0 MPa
Dimensions 800x530 mm	Dimensions 1000x860 mm
Weight 250 kg	Weight 750 kg