



INDUSTRIAL FILTRATION

MULTI-CARTRIDGE FILTERS - HYDROCYCLONE SEPARATORS - INDUSTRIAL METAL FILTERS FOR FILTRATION MEDIA

MULTI-CARTRIDGE FILTERS

MULTI SS FM

Multi-cartridge filters in Stainless Steel - Polished Surface Finish



Standard Features 304SS Stainless Steel Body
 Available with sanded or mirror polished surface finish
 Designed to match all standard cartridges Different filtration ratings available Easy and practical cartridge change
 1/4" gauge connection - 1/2" water discharge connection

Operating conditions Operating pressure : 2-7 bar - Operating temperature : 3-45°C Optional features : SS316 Stainless Steel Body - Special version with 16 bar resistant design - Oil-filled gauge - Discharge valve- Flanged connection - Flow calculation has been done according to 5 micron for CP type cartridge systems, 50 micron washable cartridge for CN and CX type cartridge systems.

Item-Nr:	Description:
FMC10320A304L040	Multi-Cartridge filter housing in stainless steel (polished surface finish) 3x20 " 1 1/2" ports - Flow rate 8-18 m3/h
FMC10320A304S040	Multi-Cartridge filter housing in stainless steel (sandblasted surface finish) 3x20 " 1 1/2" ports - Flow rate 8-18
FMC20330A304L050	Multi-Cartridge filter housing in stainless steel (polished surface finish) 3x30 " 2" ports - Flow rate 12-27 m3/h
FMC20330A304S050	Multi-Cartridge filter housing in stainless steel (sandblasted surface finish) 3x30 " 2" ports - Flow rate 12-27
FMC30340A304L050	Multi-Cartridge filter housing in stainless steel (polished surface finish) 3x40 " 2" ports - Flow rate 16-36 m3/h
FMC30340A304S050	Multi-Cartridge filter housing in stainless steel (sandblasted surface finish) 3x40 " 2" ports - Flow rate 16-36
FMC30730A304L050	Multi-Cartridge filter housing in stainless steel (polished surface finish) 7x30 " 3" ports - Flow rate 28-63 m3/h
FMC40730A304S065	Multi-Cartridge filter housing in stainless steel (sandblasted surface finish) 7x30 " 3" ports - Flow rate 28-63
FMC50740A304L050	Multi-Cartridge filter housing in stainless steel (polished surface finish) 7x40 " 3" ports - Flow rate 38-84 m3/h
FMC50740A304S065	Multi-Cartridge filter housing in stainless steel (sandblasted surface finish) 7x40 " 3" ports - Flow rate 38-84
FMC61230A304L050	Multi-Cartridge filter housing in stainless steel (polished surface finish) 12x30" 4" ports - Flow rate 48-108 m3/h
FMC61230A304S100	Multi-Cartridge filter housing in stainless steel (sandblasted surface finish) 12x30" 4" ports - Flow rate 48-108
FMC71240A304L100	Multi-Cartridge filter housing in stainless steel (plished surface finish) 12x40 " 4" ports - Flow rate 64-144 m3/h
FMC71240A304S100	Multi-Cartridge filter housing in stainless steel (sandblasted surface finish) 12x40 " 4" ports - Flow rate 64-144
FMC81940A304L100	Multi-Cartridge filter housing in stainless steel (plished surface finish) 19x40 " 4" ports - Flow rate 100-228
FMC81940A304S100	Multi-Cartridge filter housing in stainless steel (sandblasted surface finish) 19x40 " 4" ports - Flow rate 100-
ZFMCOP	Stainless steel housings - PRICES UPON REQUEST

BAG FILTER

Bag filters



Standard Features 304SS Stainless Steel Body Available with sanded or mirror polished surface finish Designed to match all standard cartridges Different filtration ratings available Easy and practical cartridge change - 1/4" gauge connection - 1/2" water discharge connection

Operating conditions Operating pressure : 2-7 bar - Operating temperature : 3-45°C Optional features : SS316 Stainless Steel Body - Special version with 16 bar resistant design - Oil-filled gauge - Discharge valve - Flanged connection - Flow calculation has been done according to 5 micron for CP type cartridge systems, 50 micron washable cartridge for CN and CX type cartridge systems.

Item-Nr:	Description:
FSM10132P	Bag filter in stainless steel A304 (polished surface finish) 1x32 "with 3" connection. Flow rate 40 m3 / h
FSM10132S	Bag filter in stainless steel A304 (sandblasted surface) 1x32 "with 3" connection. Flow rate 40 m3 / h
FSMBAG032005	Nag 32" 5 µm
FSMBAG032020	Nag 32" 20 µm

HYDROCYCLONE SEPARATORS

Idrociclone - Serie ICGC - ICG

Hydrocyclone Centrifugal separators - galvanized and painted Series ICGC - ICG



The hydrocyclone filter, or filter ring, or centrifugal separator sand, is often considered a pre-filter for the cleaning of liquids or very sandy or saturated with water

solid particles such as gravel, or typically particles heavier than water.

It is usually mounted before a filtration station itself.

No special maintenance, filter water from:

- rivers • ponds • wells

The percentages of solid deposits eliminated also reaches 90%.

It ensures filtration of small solid particles such as:

sand

gravel

Item-Nr:	Description:
ICGP0020ZV	Hydrocyclone galvanized and painted 3/4" - 2-5 m3 / h
ICGP0025ZV	Hydrocyclone galvanized and painted 1" - 5 - 8 m3/h
ICGP0032ZV	Hydrocyclone galvanized and painted 1¼" - 8 - 12 m3/h
ICGP0040ZV	Hydrocyclone galvanized and painted 1½ - 12 - 16 m3/h
ICGP0050ZV	Hydrocyclone galvanized and painted 2" - 15 - 25 m3/h
ICGP0065Z	Hydrocyclone galvanized and painted 3"- 25-40 m3/h
ICGP0080Z	Hydrocyclone galvanized and painted 4"- 40-80 m3/h
ICGP0125Z	Hydrocyclone galvanized and painted DN125- 80-120 m3/h
ICGP0150Z	Hydrocyclone galvanized and painted DN150- 120-180 m3/h

**IDROCICLONE - Serie
ICSS - AISI 304**

**Hydrocyclone centrifugal separators - stainless steel AISI
304 Series ICSS**



The hydrocyclone filter, or filter ring, or centrifugal separator sand, is often considered a pre-filter for the cleaning of liquids or very sandy or saturated with water solid particles such as gravel, or typically particles heavier than water. It is usually mounted before a filtration station itself. No special maintenance, filter water from:

- rivers • ponds • wells

The percentages of solid deposits eliminated also reaches 90%. It ensures filtration of small solid particles such as:

- sand
- gravel

Optional (on request): - it is possible to install in output of the filtered liquid a relief valve or a safety valve - it is possible to automate the unloading of the waste output via a hydraulic valve or motor, controlled by a control unit.

Eempio: Hydrocyclone separator Auto 2 "

- 1 EFFECTIVE LIQUID FILTER
- 2 OUTPUT LIQUID FILTERED
- 3 DRAIN WASTE
- 4 UNIT
- 5 FILTER SAFETY
- 6 GAUGE,

Item-Nr:	Description:
ICSS0020SSC	Hydrocyclone in stainless steel AISI304 3/4" - 3-6 m3 / h
ICSS0025SSC	Hydrocyclone in stainless steel AISI304 1" - 6-12 m3/h
ICSS0032SSC	Hydrocyclone in stainless steel AISI304 1¼" - 9-13 m3/h
ICSS0040SSC	Hydrocyclone in stainless steel AISI304 1½" - 12-18 m3/h
ICSS0050SST	Hydrocyclone in stainless steel AISI304 2" male thread- 15-25 m3/h
ICSS0065SST	Hydrocyclone in stainless steel AISI304 3" male thrad- 25-50 m3/h
ICSS0100SST	Hydrocyclone in stainless steel AISI304 4" Flange DN100 - 50-72 m3/h
ICSS0125SST	Hydrocyclone in stainless steel AISI304 5" Flange DN125 - 90-156 m3/h
ICSS0150SST	Hydrocyclone in stainless steel AISI304 6" Flange DN150- 138-222 m3/h
ICSS0200SST	Hydrocyclone in stainless steel AISI304 6" Flange DN200- 222-320 m3/h
ICSSA025SSC	Hydrocyclone automatic in stainless steel AISI304 1" - 6-12 m3/h Assembly kit with drain valve 1"
ICSSA032SSC	Hydrocyclone automatic in stainless steel AISI304 1¼" - 9-13 m3/h Assembly kit with drain valve 1¼"
ICSSA040SSC	Hydrocyclone automatic in stainless steel AISI304 1½" - 12-18 m3/h m3/h Assembly kit with drain valve 1½"
ICSSA050SSC	Hydrocyclone automatic in stainless steel AISI 304 2" 15-25 m3/h Assembly kit with drain valve 1½"

INDUSTRIAL METAL FILTERS FOR FILTRATION MEDIA

FQR Series Filter

PRESSURE TANKS FQR SERIES - CARBON STEEL - Galvanized or polyurethane coated



The FQR Filter Vessels are carbon steel tanks with protection of surfaces by galvanizing or thermal polyurethane coating (enamel on request). A strong nozzle plate, equipped nozzles per m², allows the vessel for filtration process by:

- Quartz Sand
- Activated Carbons
- Ionic Exchange Resins
- Quartz Sand Catalyst Composite (Iron and manganese removal) .

The FQR Filter Vessels are per ottima high grade corrosion and resistant applications, suggested for: - drinking water treatment - tertiary wastewater treatment - chillers - algae & colloidal suspensions. Further dimensions and finish available on request.

Hereinafter position with * are indicating items included in the price.

- 2T = 2 Testata superiore/inferiore Uscita 2½" Female (metal or polypropylene)
 - 2V = 2 Rigid joint grooved 8" for head coupling onto the filter F= Filtration distributors fixed on plate 2S = 2 Valve support bracket (da 3" - 2½" - 2")
 - 1Ta = 1 Plate for serial number
- Accessories not included in the price : 1) Relief vent 2) Drain valves set of 1" 3) Valves system

Item-Nr:	Description:
FQR06001500	Filter FCQ Ø 600x1500 - 2T 2V F 2S 1Ta polyurethane coated
FQR08001500	Filter FCQ Ø 800x1500 - 2T 2V F 2S 1Ta polyurethane coated
FQR08002000	Filter FCQ Ø 800x2000 - 2T 2V F 2S 1Ta polyurethane coated
FQR10001500	Filter FCQ Ø 1000x1500 - 2T 2V F 2S 1Ta polyurethane coated
FQR10002000	Filter FCQ Ø 1000x2000 - 2T 2V F 2S 1Ta polyurethane coated
FQR12001500	Filter FCQ Ø 1200x1500 - 2T 2V F 2S 1Ta polyurethane coated
FQR12002000	Filter FCQ Ø 1200x2000 - 2T 2V F 2S 1Ta polyurethane coated
FQR14001500	Filter FCQ Ø 1400x1500 - 2T 2V F 2S 1Ta polyurethane coated
FQR14002000	Filter FCQ Ø 1400x2000 - 2T 2V F 2S 1Ta polyurethane coated
FQR16001500	Filter FCQ Ø 1600x1500 - 2T 2V F 2S 1Ta polyurethane coated
FQRSF	Relief vent for Filter FCQ
FQRVS	Drain valves for Filter FCQ