

DESCRIPTION

Precious metals filtering recovery systems series MFR are used to recover metal particles in water.

It's composed by a settlement tank and two or three filter housings connected in series, which could achieve 0,2 absolute micron filtration degree.

OPERATION

MFR is a centralized unit usually located at the end of the production line, where all the waste water of the production processes will convey.

The liquid flows into a settlement tank where it's firstly filtered by gravity and then automatically pumped under pressure in two or three filter housings, equipped with various filter media (bags, cartridges, discs), with a maximum of 0,2 μ m filtration degree.

Activating the Bypass valve, it is possible to optimize the recovery thanks to the recirculation of the liquid. This system is available also in automatic version.

ADVANTAGES

- Recovery up to 99% of the metal in solution.
- Quick payback time.
- Easy to use.
- Minimum maintenance.

FEATURES

- PP made, which guarantees high mechanical and chemical resistance to both acid and alkaline solutions.
- Liquid level sensor for automatic operation.
- Gauges to display filter clogging.
- Automatic recirculation system (optional).

APPLICATIONS

- Goldsmith and jewellery industry.
- Centralized treatment for hand washing water.
- Centralized treatment for tumbling and ultrasonic exhausted liquid.
- Centralized treatment for waste water.

Standard version



Automatic version



IDENTIFICATION CODE					
MODEL	Filtering system 1	Filtering system 2	Filtering system 3	Pump (PP)	OPTIONAL
M=MFR	03C1 07C1 07C2 12C2 24C2	1040	O=0000	MCB B02 B03 B09 B07 B10 B12	G=gauge D=digital gauge A=automatic recirculation
		1840	A=1040		
		1880	B=1840		
		1883	C=1880		
		03C1	D=1883		
		03C2	E=03C1		
		07C1	F=03C2		
		07C2	G=07C1		
		07D1	H=07C2		
		07D2	I=07D1		
		12C2	J=07D2		
		24C2	K=12C2		
		24D2	L=24C2		
		36D2			
M	7C1	1840	E	B03	G

Coding example

FILTER MEDIA

MFR

Metal Filtering Recovery

FILTER BAGS

1840/1880



25/50 µm

1040/1840/1880



0,5/1 absolute µm

Wired



1/5/10/20/50 µm

CARTRIDGES

Pleated



50/25 µm

Pleated



0,2 absolute µm

DISCS

Paper filter



D200/350/460

Carbon filter



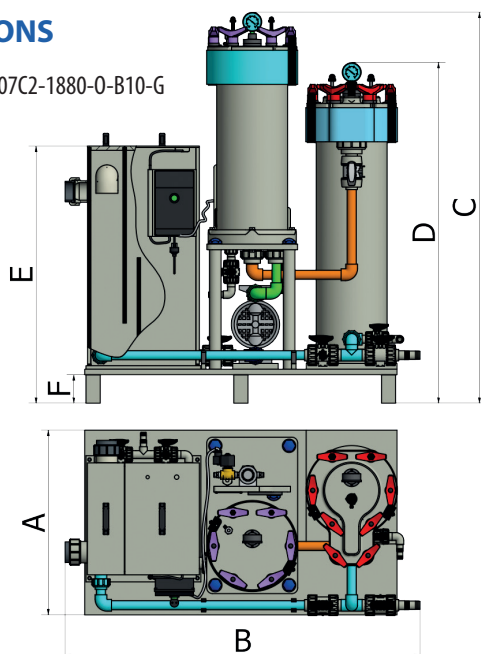
D200/350/460

FILTERING SYSTEMS

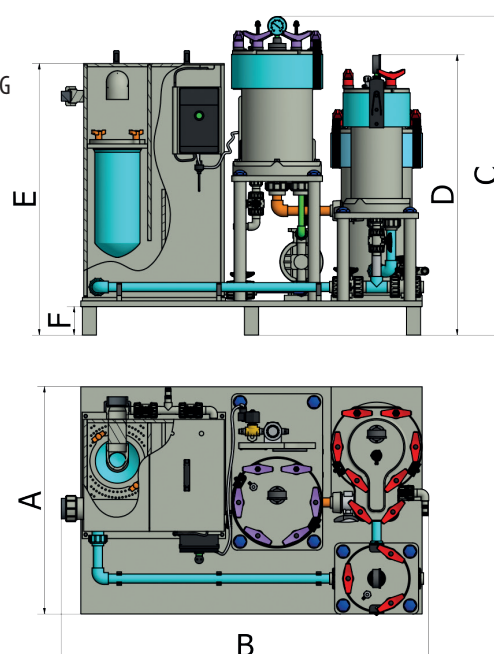
1040	1840	1880	1883	03C1	03C2	07C1	07C2	07D1	07D2	12C2	24C2	24D2	36D2
Bag 100x400 Qt.1	Bag 180x400 Qt.1	Bag 180x800 Qt.1	Bag 180x800 Qt.3	Cartridge 10" Qt.3	Cartridge 10" Qt.3	Cartridge 10" Qt.7	Cartridge 20" Qt.7	Disc D200 mm Qt.35	Disc D200 mm Qt.66	Cartridge 20" Qt.12	Cartridge 20" Qt.24	Disc D350 mm Qt.52	Disc D460 mm Qt.46

DIMENSIONS

*M-07C2-1880-O-B10-G



*M-07C1-1840-E-B03-G



OVERALL DIMENSIONS (mm)

MODEL	A	B	C	D	E	F	IN Ø	OUT Ø
M-03C1-1040-MCB/B02	650	1250	1125	870	900	100	32	32
M-07C1-1840-B05/B03	650	1250	1125	870	900	100	32	32
M-07C1-1840-E-B05B/B03	800	1293	1121	986	955	100	32	32
M-07C2-1880-B09/B10	650	1281	1380	1200	900	100	32	32
M-12C2-24D2-B09/B10	1000	1750	1380	1380	930	57	40	40
M-24C2-36D2-B10/B12	1000	1750	1380	1380	930	57	40	40

OUR PRODUCTS, PUMP: Magnetic Drive, Horizontal, Mechanical Seal, Vertical, Diaphragm, Drum, - FILTERING SYSTEMS – PRECIOUS METAL RECOVERY SYSTEMS – DEPURATION – FILTERS: String Wound Cartridges, Melt Blown, Filtering Disks, Bag Filters, Plated Filter Cartridges, Absolute – ACCESSORIES: Gratings, Venturi Eductor – CUSTOMIZED COMPONENTS

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