



DATA SHEET

SELF-CLEANING MESH FILTER HYDRAULIC-200-H



1. General characteristics



IMAGE 1

MODEL	ØI/ØO	Flow (m3/h)					Filtration surface (cm²)	Water Consumption per Wash (l)	Net Weight (kg)
		Max. Flow	<50ppm	50/100 ppm	100/200 ppm	Min. Flow			
HYDRAULIC-204-H	Flange 4"	205	93	76	57	9	5608	50	129
HYDRAULIC-206-H-COMPACT	Flange 6"	250	133	105	80	9	5608	50	132
HYDRAULIC-206-H	Flange 6"	275	163	123	92	19,62	8412	109	140
HYDRAULIC-208-H-COMPACT	Flange 8"	360	220	160	125	19,62	8412	109	143
HYDRAULIC-208-H	Flange 8"	415	253	194	142	32,4	11216	180	163
HYDRAULIC-210-H-COMPACT	Flange 10"	510	295	240	123	32,4	11216	180	167
HYDRAULIC-210-H	Flange 10"	585	323	273	195	42,3	14020	235	177
HYDRAULIC-212-H-COMPACT	Flange 12"	645	355	300	215	42,3	14020	235	181

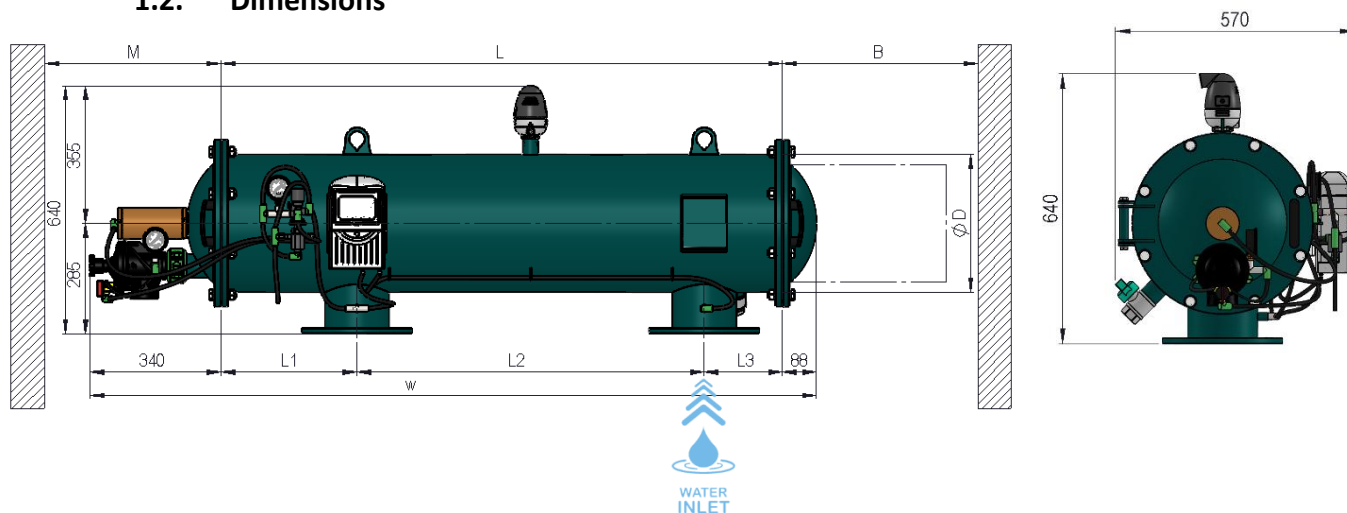
TABLE 1

Working pressure
min. 2,5 kg/cm²
máx. 10 kg/cm²

1.1. Manufacturing technical characteristics:

- Materials:
 - Carbon steel metal components.
 - Zinc plated screws 8.8.
 - Mesh cartridge : Plastic structure with AISI-316 Stainless Steel. Filtration degree: 125 microns.
 - Grinding cartridge: AISI-304 Stainless Steel.
 - EPDM gaskets: 60 SHORE.
- Superficial treatment:
 - Surface shot blasting up to SA ½ grade.
 - Two-layer EPOXY-POLYESTER powder paint finish, oven-polymerized RAL 6004.
- Working characteristics:
 - Maximum operating temperature 50°C.
- Commercial components:
 - 1" Suction Cup and 2" Flushing Valve.
 - Battery powered programmer.

1.2. Dimensions



MODEL	Dimensions (mm)							
	ØD	L	L1	L2	L3	W	M	B
HYDRAULIC-204-H	355	1170	197	770	203	1580	400	1015
HYDRAULIC-206-H-COMPACT	355	1170	197	770	203	1580	400	1015
HYDRAULIC-206-H	355	1455	352	900	203	1865	400	1300
HYDRAULIC-208-H-COMPACT	355	1455	352	900	203	1865	400	1300
HYDRAULIC-208-H	355	1741	438	1100	203	2150	400	1585
HYDRAULIC-210-H-COMPACT	355	1741	438	1100	203	2150	400	1585
HYDRAULIC-210-H	355	2027	446	1370	211	2435	400	1870
HYDRAULIC-212-H-COMPACT	355	2027	446	1370	211	2435	400	1870

TABLE 2

MODEL	General Data			
	Nozzle Units	ØAuto Flushing Valve	ØManual Exhaust Valve	Wash Time
HYDRAULIC-204-H	4	2"	1-½"	30
HYDRAULIC-206-H-COMPACT	4	2"	1-½"	30
HYDRAULIC-206-H	6	2"	1-½"	30
HYDRAULIC-208-H-COMPACT	6	2"	1-½"	30
HYDRAULIC-208-H	8	2"	1-½"	30
HYDRAULIC-210-H-COMPACT	8	2"	1-½"	30
HYDRAULIC-210-H	10	2"	1-½"	30
HYDRAULIC-212-H-COMPACT	10	2"	1-½"	30

TABLE 3

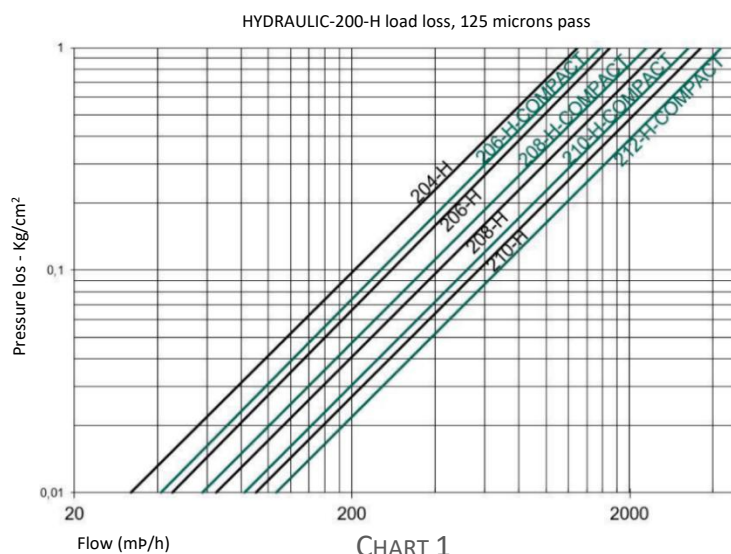


CHART 1

1.3. Hydraulic Circuit

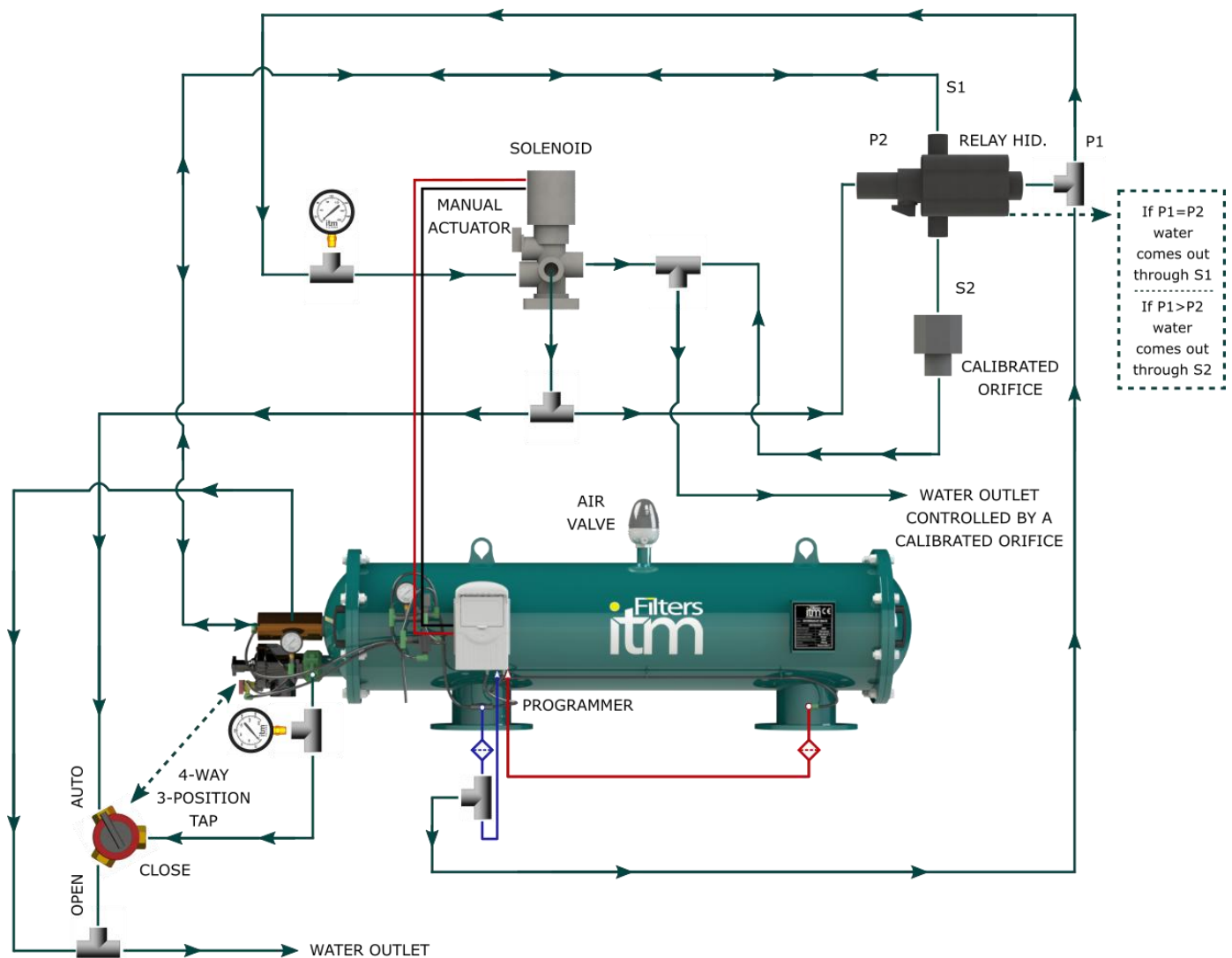


IMAGE 3

- * Where P1 is the water inlet pressure and P2 is the water outlet pressure.
- * The 4-way tap has 3 positions:
 - *AUTO* : filter operation with automatic cleaning.
 - *OPEN* : cleaning cycle
 - *CLOSE* : filter operation (without automatic cleaning)



Water Solutions



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