



---

## DATA SHEET

---

# METALIC MANUAL FILTER SEMI AUTO FL



## 1. SEMI AUTO FL

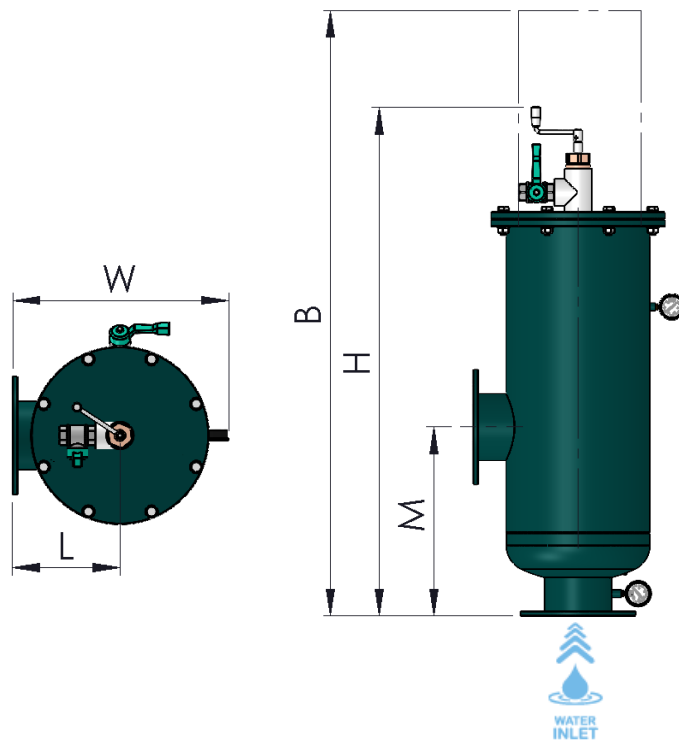


IMAGE 1

Working pressure  
min. 2 kg/cm<sup>2</sup>  
máx. 10 kg/cm<sup>2</sup>

| MODEL           | Dimensions (mm) |     |      |     |      | Minimum water flow for operation (m <sup>3</sup> /h) | Minimum pressure (bar) | Number of nozzles | ØAutomatic washing valve | ØManual drain valve | Cleaning time (s) |
|-----------------|-----------------|-----|------|-----|------|------------------------------------------------------|------------------------|-------------------|--------------------------|---------------------|-------------------|
|                 | M               | L   | H    | W   | B    |                                                      |                        |                   |                          |                     |                   |
| SEMI AUTO-3"-FL | 320             | 220 | 870  | 500 | 1100 | 12                                                   | 2                      | 1                 | 1"                       | 1"                  | 20                |
| SEMI AUTO-4"-FL | 320             | 260 | 870  | 500 | 1100 | 12                                                   | 2                      | 1                 | 1"                       | 1"                  | 20                |
| SEMI AUTO-6"-FL | 470             | 260 | 1320 | 500 | 1550 | 29                                                   | 2                      | 4                 | 2"                       | 1-1/2"              | 20                |

TABLE 1

| MODEL           | ØI/ØO    | Flows (m <sup>3</sup> /h) |         |            |             | Filtration Surface (cm <sup>2</sup> ) | Water consumption per wash (L) | Net Weight (kg) |
|-----------------|----------|---------------------------|---------|------------|-------------|---------------------------------------|--------------------------------|-----------------|
|                 |          | Qmáx.                     | <50 ppm | 50/100 ppm | 100/200 ppm |                                       |                                |                 |
| SEMI AUTO-3"-FL | Brida 3" | 92                        | 53      | 32         | 22          | 1400                                  | 7                              | 53              |
| SEMI AUTO-4"-FL | Brida 4" | 133                       | 65      | 45         | 25          | 1400                                  | 12                             | 55              |
| SEMI AUTO-6"-FL | Brida 6" | 285                       | 93      | 73         | 52          | 5608                                  | 29                             | 78              |

TABLE 2

## 2. MANUFACTURING TECHNICAL CHARACTERISTICS

- Materials:
  - Carbon steel metal components.
  - Zinc plated screws 8.8.
  - Mesh cartridge : PVC structure with AISI-316 Stainless Steel. Filtration degree: 125 microns.
  - 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.



Water Solutions



**ITM WATER SYSTEMS, S.A.**



**Polígono Armentera P-99**

**22400 Monzón (Huesca)**

**[www.itmfilters.com](http://www.itmfilters.com)**

**[info@itmwater.com](mailto:info@itmwater.com)**

**Tel. 974 10 50 05**