



---

## DATA SHEET

---

# METALLIC MANUAL FILTER L FILTER (FL-M)



## 1. METALLIC L FILTER (FL-M)

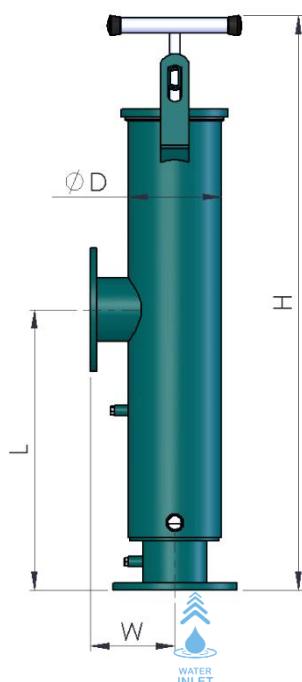
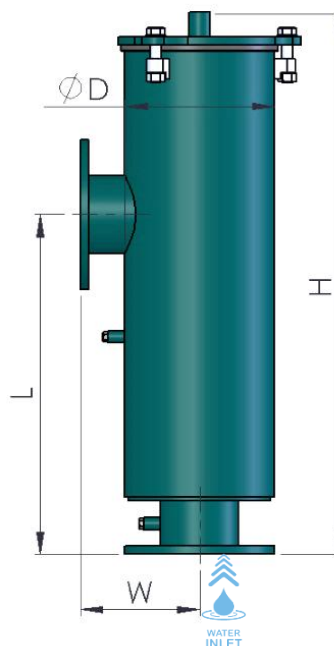


IMAGE 1



FL-M load loss, 125 microns pass

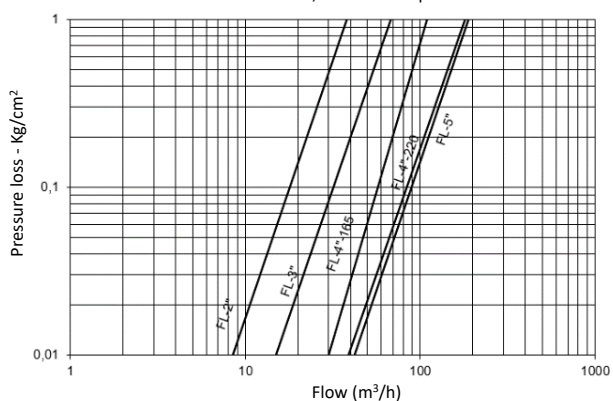


CHART 1

FL-M load loss Ø2 mm pass

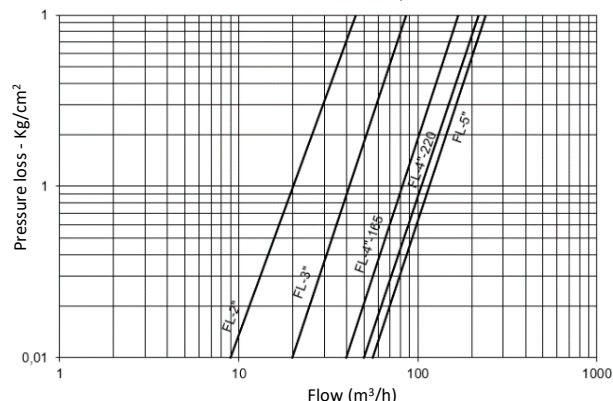


CHART 2

Working pressure  
máx. 10 kg/cm²

| MODEL       | ØI/ØO          | Flows (m³/h)          |                             | Filtration Surface (cm²) | Net Weight (kg) | Filter opening | Dimensions (mm) |     |      |     |
|-------------|----------------|-----------------------|-----------------------------|--------------------------|-----------------|----------------|-----------------|-----|------|-----|
|             |                | Mesh Cartridge (Drip) | Ø2 mm Cartridge (Sprinkler) |                          |                 |                | ØD              | L   | H    | W   |
| FL-2"-M     | Male Thread 2" | 21                    | 26                          | 1500                     | 12              | Wing Nut       | 165             | 350 | 605  | 140 |
| FL-3"-M     | Flange 3"      | 42                    | 51                          | 2006                     | 20              | Wing Nut       | 165             | 365 | 746  | 145 |
| FL-4"-165-M | Flange 4"      | 83                    | 97                          | 3007                     | 24              | Wing Nut       | 165             | 500 | 1025 | 150 |
| FL-4"-220-M | Flange 4"      | 104                   | 121                         | 3160                     | 33              | Screws         | 220             | 500 | 797  | 175 |
| FL-5"-M     | Flange 5"      | 128                   | 155                         | 3160                     | 36              | Screws         | 220             | 500 | 797  | 175 |
| FL-6"-M     | Flange 6"      | 152                   | 185                         | 5579                     | 63              | Screws         | 323             | 840 | 1086 | 265 |

TABLE 1

\*Ask about other pressures

## 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.
  - Grinding cartridge: AISI-304 Stainless Steel. Ø2 mm pass.
  - 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.



**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**