INLINE F200
MANUAL FILTERS

APPLICATIONS
Manual backup filter infield, check filter media system.

STANDARD CHARACTERISTICS
- Filter element: Stainless Steel screen AISI 316 mesh, supported by a PVC cylinder
- Available filtration grade: from 120 micron
- Filter housing construction material: Carbon Steel ST37.2
- Pre-treatment: sand blasting up to Sa 2.5 grade
- Two layered coating process consisting of a one primary coating Rich Zinc (60 - 70µm thickness) and a final protective coating of Phenolic Epoxy (70 - 80µm thickness)
- Connections: Victaulic; Threaded socket and Flange
- Maximum pressure: 10 Bar (145 psi)
- Maximum recommended working pressure: up to 8 Bar (116 psi)

OPERATION
The filters have been designed and built in accordance with the principle of water flow through the cylinder screen openings while solid particles are trapped by the screen. These particles can be easily removed by opening the cover and washing the screen manually. The drain valve is used for releasing pressure before opening for maintenance.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>IN/OUTLET DIAMETER</th>
<th>MAX FLOW</th>
<th>D1</th>
<th>L</th>
<th>L1</th>
<th>H</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5&quot;</td>
<td>15 30 15 4 350 496 278 9.3</td>
<td>2 50 25 6 480 504 295 16.2</td>
<td>2 50 30 6 480 726 427 22.8</td>
<td>3 75 40 6 550 717 398 31.9</td>
<td>4 100 80 8 675 881 487 43.8</td>
<td>6 150 180 10 735 1,264 817 79.2</td>
<td>8 200 300 12 830 1,072 643 108.8</td>
</tr>
</tbody>
</table>

Maximum recommended Flow Rate - 120 micron in good quality water
PRESSURE LOSS AT 120 MICRON

![Diagram showing pressure loss at 120 micron with labels for D1, L, L1, and drain valve.]