

Product Details

| Brand | SOFTFLOW® | SOFTFLOW® | SOFTFLOW® | SOFTFLOW® |
|-------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Model | F1 | F2 | F3 | F4 |
| Dimensions | 72" * 72" * 378 mm) | Parallel Connections | Parallel Connections | Parallel Connections |
| Fitting Type | BSPT | BSPT | BSPT | BSPT |
| Inlet Outlet Size | 1" FT | 1" FT | 1" FT | 1" FT |
| Flow Rate (metric) | 80 LPM | 160 LPM | 240 LPM | 320 LPM |
| Housing Material | ABS (Food Grade) | ABS (Food Grade) | ABS (Food Grade) | ABS (Food Grade) |
| Replacement type | Complete Device Replacement | Complete Device Replacement | Complete Device Replacement | Complete Device Replacement |
| Segment | Domestic | Commercial | Industrial | Industrial |
| Maximum Operating Temperature | 45 °C | 45 °C | 45 °C | 45 °C |
| Temperature Range | 6 °C-45 °C | 6 °C-45 °C | 6 °C-45 °C | 6 °C-45 °C |
| Pressure | 88psi Max | 88psi Max | 88psi Max | 88psi Max |
| Application | Scale & Corrosion | Scale & Corrosion | Scale & Corrosion | Scale & Corrosion |
| Replacement Interval* | 480000 ltrs* | 960000 ltrs* | 1440000 ltrs* | 1920000 ltrs* |
| Micron Rating | 2500µm | 2500µm | 2500µm | 2500µm |

SOFTFLOW® – Ensuring Softness in Every Drop

Reinventing Industrial Water Management

Industrial processes demand scale-free water to maintain efficiency, equipment life, and energy performance. Hard-water scaling reduces output and increases operational cost.

SOFTFLOW®F1 provides a no-maintenance, sustainable ensuring enhanced process reliability across industrial systems.



SOFTFLOW®F1 helps industries increase productivity, protect assets & reduce operating expenses naturally and efficiently.



Why Industries Choose SOFTFLOW®

Pre-RO (feed water) Treatment | Small Cooling Towers | Boilers | Industrial Air Coolers



Proven Scale Prevention

Advanced sequestration stops hardness minerals from forming limescale in pipes, heat exchangers, RO membranes & equipment.



Eco-Friendly & Sustainable

Reduces chemical usage, lowers discharge load & operating cost.



Zero Maintenance | Zero Salt | Zero Electricity

No regeneration, no salt handling, no downtime continuous operation.



Higher Energy Efficiency

Even 1 mm scale can raise energy use by 10–15%, SOFTFLOW®F1 prevents it.



Longer RO Membrane Life

Lower scaling load = fewer CIP cycles, longer membrane life & better recovery.

SOFTFLOW®F1 Works Best with Industries using high water volume, such as:



Food & Beverage



Pharmaceutical



Textile & Dyeing



Manufacturing



Hospitality



Automotive



Warehousing



Industrial Kitchens

Industrial Applications of SOFTFLOW®F1



1. Pre-RO Treatment

- Reduced scaling & membrane fouling
- Longer membrane life | Fewer CIP cycles
- Higher recovery, lower reject
- Removes existing scale formations



2. Cooling Towers

- Less scaling in fills, nozzles & lines
- Reduced blowdown & chemical dosing
- Better heat exchange → lower energy use
- Enhanced cooling tower lifespan



3. Industrial Boilers

- Higher heat-transfer efficiency
- Lower fuel & energy consumption
- Less scaling → reduced descaling shutdowns
- Stable steam output



4. Industrial & Commercial Air Coolers

- No white deposits
- Clean pads, pipes & nozzles
- Higher cooling efficiency
- Longer unit life

How SOFTFLOW®F1 Works

Advanced sequestration converts dissolved hardness into a stable, non-adhesive form that flows freely without forming scale.

No salt | No chemical alteration | No power | No backwash

*Compatible with all industrial water systems.