

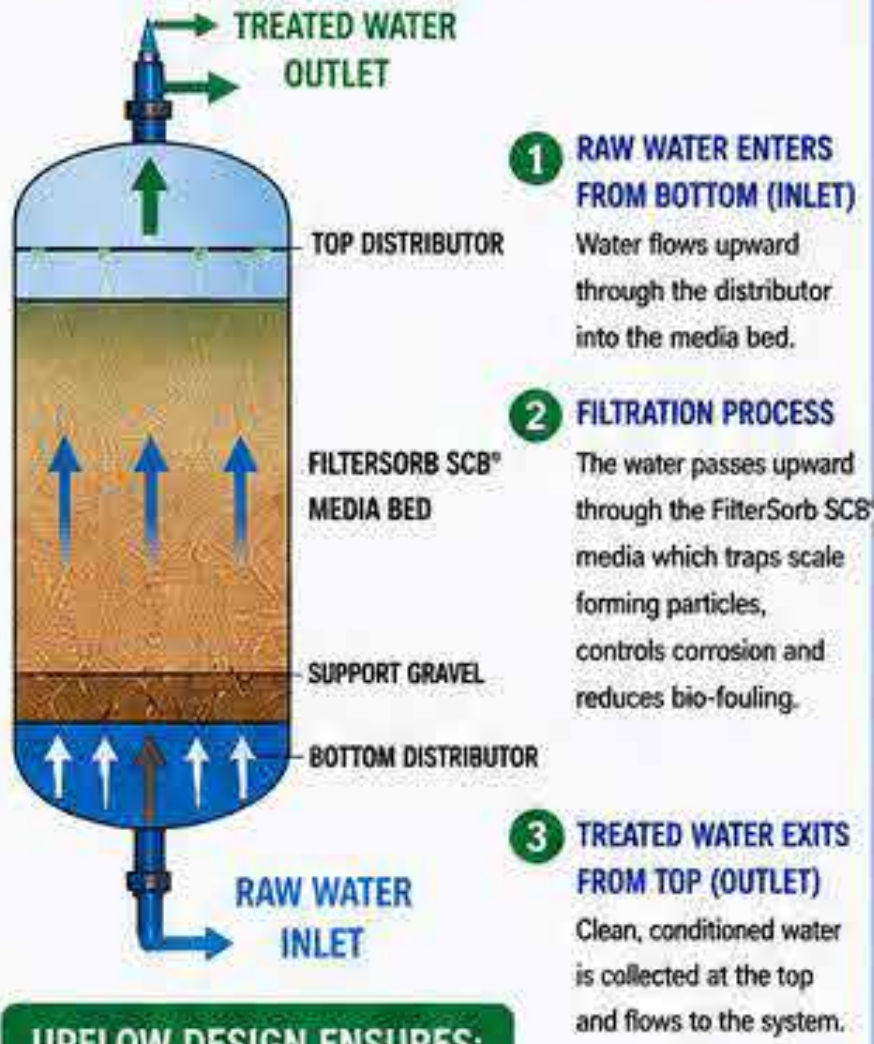
DN 65 (2½") INLET & OUTLET FLOW SYSTEM WITH FLOWMETER 3000 – 30000 LITER/HOUR & DIAPHRAGM HAND VALVE



THE SMART SOLUTION FOR SCALE, CORROSION & BIO-FOULING

FilterSorb SCB[®] is a revolutionary, environmentally friendly media that effectively controls Scale, Corrosion and Bio-fouling in water systems. It conditions water, prevents deposits, reduces corrosion and controls bacteria without the use of chemicals.

UPFLOW OPERATION – HOW IT WORKS



UPFLOW DESIGN ENSURES:

- ✓ Better Bed Expansion
- ✓ Lower Pressure Drop
- ✓ Longer Media Life
- ✓ Superior Performance



KEY BENEFITS

- PREVENTS SCALE FORMATION**
Keeps pipes, heat exchangers, boilers & cooling systems clean.
- CONTROLS CORROSION**
Protects metal surfaces & extends equipment life.
- BIO-FOULING CONTROL**
Reduces bacteria, slime & microbial growth.
- CHEMICAL FREE SOLUTION**
Environmentally friendly, safe & cost effective.
- LOW OPERATING COST**
Minimal maintenance & long service runs.
- EASY INSTALLATION**
Compact, skid mounted system – plug & play.

TECHNICAL SPECIFICATIONS

Model	FilterSorb SCB [®] Upflow System
Technology	Scale, Corrosion & Bio-Control
Flow Direction	Upflow
Inlet Connection	DN 65 (2½") Flange
Outlet Connection	DN 65 (2½") Flange
Flowmeter Range	3000 – 30000 L/h (3 – 30 m ³ /h)
Recommended Flow Rate	18 – 25 m ³ /h
Max. Operating Pressure	6 bar (87 psi)
Operating Temperature	5°C – 60°C
Vessel Material	FRP (Fiberglass Reinforced Plastic)
Media	FilterSorb SCB [®] – Proprietary Media
Valve Type	Manual Diaphragm Valve
Support Frame	Stainless Steel 304
Installation	Indoor / Outdoor
Power Requirement	None (No Electricity Required)
System Type	Non-Backwash – Watch Water

AVAILABLE MODELS (UPFLOW)

MODEL	INLET / OUTLET	FLOW RANGE
SCB – UF – 40	DN 40 (1½")	2 – 8 m ³ /h
SCB – UF – 50	DN 50 (2")	5 – 15 m ³ /h
SCB – UF – 65	DN 65 (2½")	18 – 30 m ³ /h
SCB – UF – 80	DN 80 (3")	25 – 40 m ³ /h
SCB – UF – 100	DN 100 (4")	35 – 60 m ³ /h

WATCH WATER – SIMPLE, SMART & EFFECTIVE



This system does not require backwash. It operates on the WATCH WATER principle. Water is continuously monitored and conditioned as it flows through the media.

BENEFITS OF WATCH WATER SYSTEM

- ✓ No backwash, no downtime
- ✓ No water wastage
- ✓ Consistent performance
- ✓ Saves water, saves energy
- ✓ Low maintenance
- ✓ Ideal for continuous operation

**NO SALT | NO CHEMICALS | NO POLLUTION
JUST PURE, CONDITIONED WATER.**

TYPICAL PERFORMANCE

Scale Inhibition	Up to 99%
Corrosion Protection	Up to 95%
Bio-fouling Reduction	Up to 98%
System Efficiency	Improves Significantly
Equipment Life	Extends Significantly
Maintenance Cost	Reduces Significantly

IDEAL SOLUTION FOR

- ✓ Municipal Water Systems
- ✓ Hotels & Resorts
- ✓ Hospitals
- ✓ Industrial Plants
- ✓ Commercial Buildings
- ✓ HVAC Systems
- ✓ Boilers & Heat Exchangers
- ✓ Cooling Systems
- ✓ And Many More Applications



HOTELS & RESORTS



HOSPITALS



COOLING TOWERS



BOILERS & HEAT EXCHANGERS



MUNICIPAL WATER SYSTEMS



INDUSTRIAL PLANTS



COMMERCIAL BUILDINGS



HVAC SYSTEMS

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