



## SSF Range - SIDESTREAM FILTRATION UNITS FOR CLOSED CIRCUIT SYSTEMS

Culligan Side Stream filters are self-contained units with an integral pump designed to treat closed circuit heating and cooling systems. The units operate with zero water and chemical loss from the closed system.

### Applications include –

- New build heating and cooling systems.
- Existing closed circuit systems.
- Circuit feeding Plate Heat Exchangers.
- Glycol and brine systems.

### Features & Benefits

- Continuous filtration with no backwashing or flushing required.
- Closed recovery system, providing zero water loss.
- Temperatures of up to 90°c
- Simple retro fitting to existing systems
- Pressure rated to 10 Bar
- System Capacities of up to 600m<sup>3</sup> for new/clean systems



Recirculating heating or cooling water systems frequently suffer from a build-up of solids and sludge generated by corrosion, scale deposition and solids in the feed water as well as swarf and debris from initial construction. Left in situ these solids can severely impact the performance and energy efficiency of a closed system, block heat exchangers, provide sites for under deposit corrosion and promote bacterial growth.

Culligan have a range of 6 Side Stream models with flow ranges from 2.5m<sup>3</sup>/hr to 66m<sup>3</sup>/hr designed to remove suspended solids down to a nominal 20µ.

The Culligan SSF units are self-contained system with a skid mounted pump, dynamic separator, and control panel and well as a free standing Bag filter. The unit is simply connected into the cooling system and provided with a power supply. BMS connections are available to indicate bag full alarm and loss of power.

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## Technical Data Table

SSF Model Reference	SSF001	SSF002	SSF003	SSF004	SSF005	SSF006
Minimum Connection size	3/4"	1"	1.5"	2"	2.5"	3"
Filtration Flow rate (m <sup>3</sup> /hr)	2.5-4.5	4.5-7.5	10-16	14.5-24	21.5-35	30-60
New / Clean system Volume (m <sup>3</sup> )	25-45	45-75	100-160	145-240	215-350	300-600
Old / Contaminated systems (m <sup>3</sup> )	15-27	27-45	60-96	87-144	129-210	180-360
Shipping Weight kg	83	88	98	116	127	139
Working Weight kg	115	120	130	167	178	210

## About Culligan

For over seventy years Culligan has led the way in water treatment technology supplying our customers with safe high quality water for drinking, cooking, cleaning, bathing and manufacturing, from the smallest to the largest applications, commercial and industrial market sectors.

The Culligan products and technology used in these applications represent an ongoing commitment to delivering the very best water treatment solutions for our customers. As a result of continuous development and review, the Culligan range is one of the most comprehensive available within the market today.

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