

# SKAN®

## SKAN bag filters

Simple, fast, economical and effective filtration of water, chemicals, oils, beverages, paints and other liquids

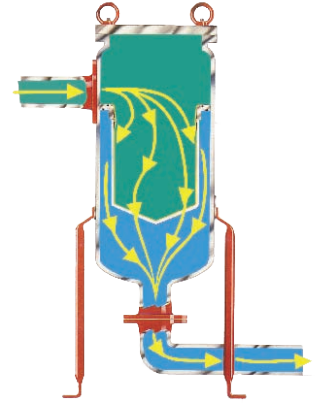


# SKAN bag filters

Simple, fast, economical and effective filtration of water, oils, chemicals, beverages, paints and other liquids

Filtration of liquids using SKAN bag filters is a simple process. The liquid to be filtered enters at the top of the vessel, passes through the filter bag and exits at the base or side depending on the model. Particles are trapped on the inside surface of the filter bag.

To replace the filter bag, you relieve the internal pressure, undo the lid and remove the filter bag containing the trapped particles for washing or disposal, depending on the sort of filter bag used. The units can be installed in parallel to allow continuance of flow during bag changing or in stages so finer filtration can be achieved.



## SLB-PP Series

### Polypropylene Bag Filter Housings

Filter Surface area	Pipe connection	Flow rates
0.85m <sup>2</sup> to 0.112m <sup>2</sup>	40mm (1½") to 50mm (2")	10.8m <sup>3</sup> /hour to 18m <sup>3</sup> /hour

- Constructed from a strong, lightweight polypropylene
- Resistant to a wide range of chemicals
- Side inlet, bottom outlet - SLB-PP-100; Top inlet, top outlet - SLB-PP-PT
- Low cost, high flow filtration



## SLB-SS Series

### Stainless Steel Bag Filter Housings

Filter Surface area	Pipe connection	Flow rates
0.16m <sup>2</sup> to 0.5m <sup>2</sup>	25mm (1") to 50mm (2")	12m <sup>3</sup> /hour to 40m <sup>3</sup> /hour

- Constructed from 304 or 316 stainless steel and polypropylene
- Swing bolt closure allows for quick and simple filter bag change
- Flow rates of up to 40m<sup>3</sup>/hour, units can be manifolded for higher flow rates
- BPSF connections, valves and gauges included; uses industry standard bags



## SLB-SS-MB Series

### Multi-Bag Filter Housings

Filter Surface area	Pipe connection	Flow rates
0.16m <sup>2</sup> to 0.5m <sup>2</sup>	25mm (1") to 50mm (2")	12m <sup>3</sup> /hour to 40m <sup>3</sup> /hour

- 3 bag housings to 12 bag housings
- Uses industry standard 02 size bags
- Compact floor print
- High flow rates for low filtration cost



## SLC-SS-MC Series

### Stainless Steel Multi-Cartridge Housings

Pipe connection

Flow rates

50mm (2")

8m<sup>3</sup>/hour to 31.5m<sup>3</sup>/hour

- Stainless steel filter housings designed for multiple cartridges
- High flow rates can be achieved by manifolding multiple vessels
- Standard BSPF connections
- Vent valve and pressure gauges included
- Available in polished finish



## Special Design units

### To suit individual applications

- For high pressure applications
- To allow for non-standard pipe connections
- Internally polished units for high quality purity applications
- Manifolded duplex system available



## Replacement Filter Bags

### Ranging from 0.5 micron to 1700 micron

- Range of materials available
- Micron ratings from 0.5 micron up to 1700 micron
- Nylon monofilament bags can be washed and re-used a number of times
- Polypropylene felt bags designed and priced as disposable items
- Very coarse filtration is achieved by using the bag restrainer basket only without a filter bag



## Pressure Differential Sensor

### Provides Visual and Audio Alert

- Designed for ambient temperature water
- Provides both visual and audio alert when dirt build-up in a filter has reached the need for a replacement, clean or backwash
- Can be used of any type of water filter that will register a difference in pressure between the inlet and outlet, as dirt builds up



# SKAN bag filters



## Polypropylene Bag Filter Housings

Code	Maximum Pressue	Maximum Temperature	Maximum Flow Rate	Filter Surface	Connection	Weight	Bag Dimensions
SLB-PP-PT	690kpa	37°C	10.8m <sup>3</sup> /hour	0.112m <sup>2</sup>	40mm (1½")	4.5kg	4" Dia x 18.5"
SLB-PP-100	690kpa	43°C	18m <sup>3</sup> /hour	0.185m <sup>2</sup>	50mm (2")	5kg	6" Dia x 20"

## Stainless Steel Bag Filter Housings

Code	Maximum Pressue	Maximum Temperature	Maximum Flow Rate	Filter Surface	Connection	Weight	Bag Dimensions
SLB-SS-04/304	1000 kpa	110° C	12m <sup>2</sup> / hour	0.16m <sup>2</sup>	25mm (1")BSPF	11 kg	4" dia x 14"
SLB-SS-100/304	1000 kpa	110° C	18m <sup>2</sup> / hour	0.185m <sup>2</sup>	50mm (2")BSPF	22 kg	6" dia x 20"
SLB-SS-02/304	1000 kpa	110° C	40m <sup>3</sup> / hour	0.5m <sup>2</sup>	50mm (2")BSPF	32 kg	7" dia x 32"
SLB-SS-02/316	1000 kpa	110° C	40m <sup>3</sup> / hour	0.5m <sup>2</sup>	50mm (2")BSPF	32 kg	7" dia x 32"

## Multi Cartridge Filter Housings

Code	Maximum Pressue	Maximum Temperature	Maximum Flow Rate	Filter Surface	Connection	Weight	Bag Dimensions
SLC-SS-MC-710	1000 kpa	50° C	8.0m <sup>2</sup> / hour	N/A	50mm (2")BSPF	7 kg	7 x 10"
SLC-SS-MC-720	1000 kpa	50° C	15.2m <sup>2</sup> / hour	N/A	50mm (2")BSPF	10 kg	7 x 20"
SLC-SS-MC-730	1000 kpa	50° C	23.7m <sup>2</sup> / hour	N/A	50mm (2")BSPF	18 kg	7 x 30"
SLC-SS-MC-740	1000 kpa	50° C	31.5m <sup>2</sup> / hour	N/A	50mm (2")BSPF	25 kg	7 x 40"

## Selecting Filter Bags

Bag Micron Rating	Absolute Rated	Nylon Monofilament	Poly Felt	02 Size Housing	04 Size Housing	100 Size Housing	PT Poly Housing
0.5 ABS	•			•			
1.0 ABS	•			•			
5.0 ABS	•			•			
1 micron			•	•	•	•	•
5 micron			•	•	•	•	•
10 micron			•	•	•	•	•
20 micron			•	•	•	•	•
50 micron			•	•	•	•	•
100 micron			•	•	•	•	•
150 micron		•		•			
250 micron		•		•			
400 micron		•		•			
600 micron		•		•			
800 micron		•		•			
1000 micron		•		•		•	
1700 micron		•		•			