

# MICRON FIBREGLASS FILTERS



**10**  
YEAR WARRANTY



**enviropro**  
SAVE TIME, WATER AND ENERGY



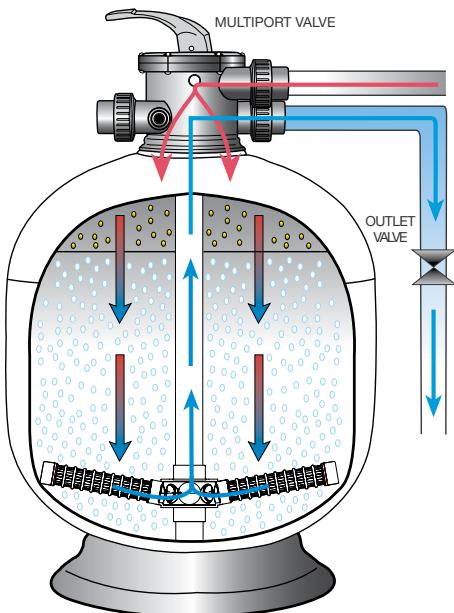
\*Micron 50mm Port ECO Range

## Micron Fibreglass Filters

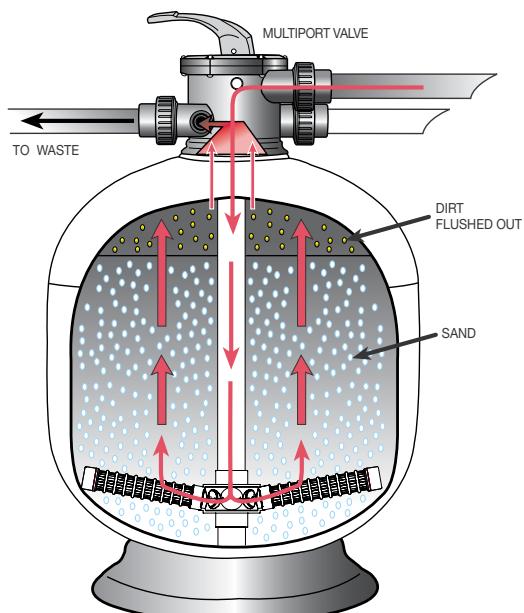
Micron filters operate on the basis of “depth filtration”; dirt is driven through the filter bed and trapped in minute spaces between the particles of filter media allowing the cleansed water to pass through the filter’s laterals and exit via the filter’s Multiport valve.

### Top Mount Configuration

Filter Mode

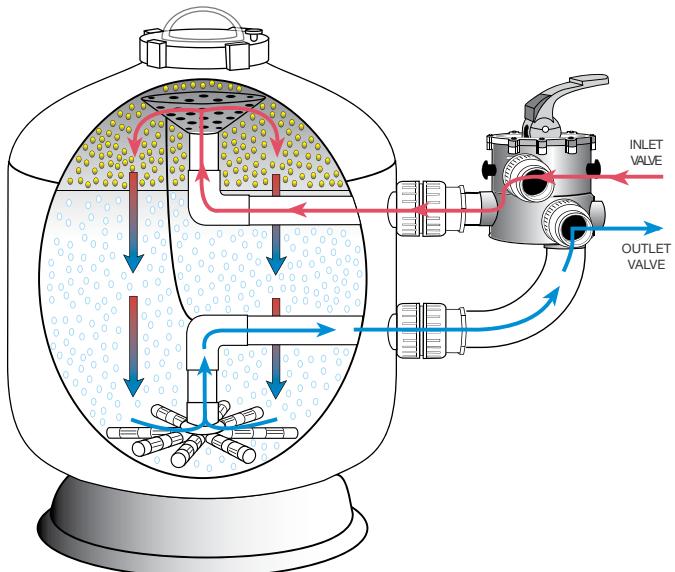


Backwash Mode

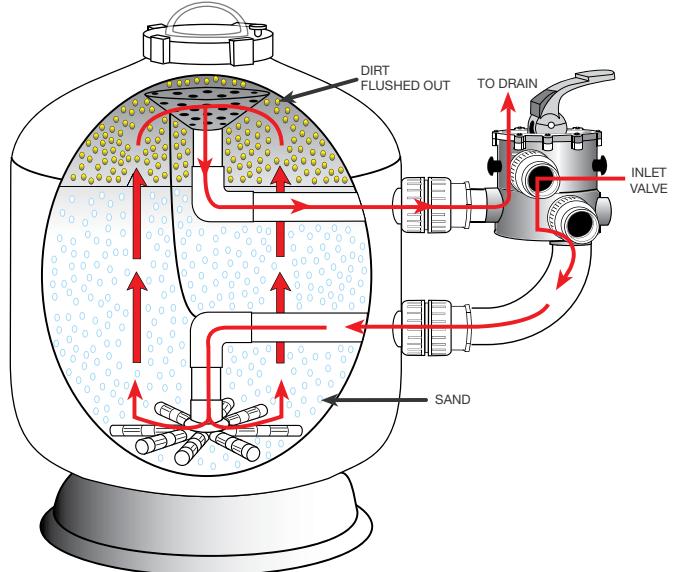


### Side Mount Configuration

Filter Mode



Backwash Mode



### Simple Maintenance

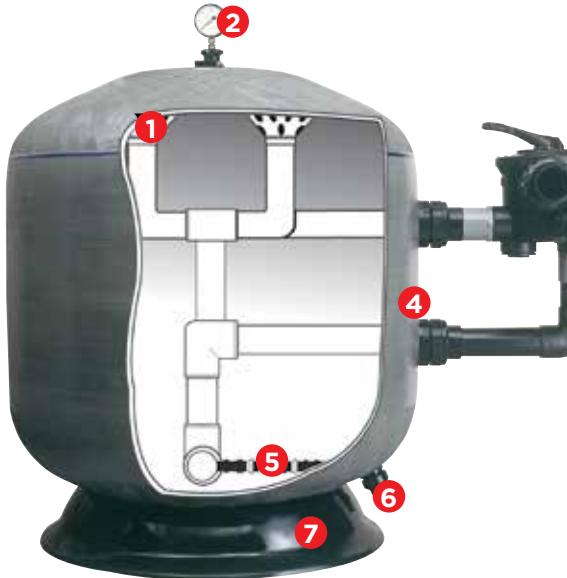
The effectiveness and efficiency of the filter is impaired by excessive build up of debris, clogging the media, which will result in pressure build up and poor circulation. Cleaning the filter simply requires turning the filter’s Multiport lever from the “filter” position to the “backwash” position, which reverses the flow of water in the filter, flushing the filter bed.

## Filament Wound Filters

Micron fibreglass filters embody the latest in fibreglass winding technology. Micron fibreglass vessels consist of an inner shell of fiberglass reinforced polyester resin wound over with fibreglass filament. Waterco's digitally controlled filament winding machine faultlessly winds continuous strands of high quality fibreglass filament under controlled tension filament to create a seamless one-piece vessel with refined consistency and superior quality. There are no welds or seams or special tank linings which can corrode or electrolyse.



## Waterco Micron Top and Sidemount Fibreglass Filters



Waterco Sidemount Fibreglass



Micron Top Mount Filters

\* Optional manual drain

- Working pressure 250 kPa (36 psi)
- Extra reinforcement to increase the working pressure rating to 400 kPa (58 psi) is available on request.
- Maximum working temperature of 50°C (122°F)

## Waterco Multiport Valves

Constructed from heavy duty ABS, Waterco Multiport valves are designed for maximum performance and working pressures. Waterco Multiport valves are engineered to withstand a working pressure of up to 400 kPa (58 psi) with a test pressure of 600 kPa (87 psi).



1. Metric or imperial quick connect unions.
2. Glass filled thermoplastic.
3. Durable lever action handle.
4. 6 way multiple valve positions.
5. High grade stainless steel components.
6. Pressure gauge.
7. Wear resistant rotor.
8. Clear sight glass for backwash inspection.

### Warranty

Micron Filters are covered by a 10-year tank warranty, 2-year multiport valve warranty and 1-year warranty on all other components.

Commercial installations are covered by a 5-year (1 year full + 4 years pro rata) tank warranty, 2-year multiport valve warranty and 1-year warranty on all other components.

Please refer to Waterco's warranty terms and conditions

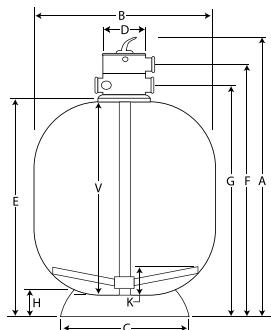


### Micron Top Mount Technical Specification

| Filter Model | Valve Size (mm) | Inner Diameter (mm) | Filter Area (m <sup>2</sup> ) | Bed Depth (mm) | Max. Flow (lpm) | Max. Pool Size** (litres) | Backwash flowrate (lpm) | Media Volume (litre) | Glass Pearl Media (kg) | Ecopure 0.5/1.0 (kg) | Sand 16/30 (kg) | Zeoplus 1-2.2 (kg) |
|--------------|-----------------|---------------------|-------------------------------|----------------|-----------------|---------------------------|-------------------------|----------------------|------------------------|----------------------|-----------------|--------------------|
| S600         | 40              | 600                 | 0.28                          | 295            | 226             | 81,000                    | 189                     | 106                  | 171                    | 127                  | 155             | 127                |
| S602         | 50              | 600                 | 0.28                          | 295            | 226             | 81,000                    | 189                     | 106                  | 171                    | 127                  | 155             | 127                |
| S702         | 50              | 700                 | 0.38                          | 340            | 308             | 111,000                   | 257                     | 154                  | 249                    | 185                  | 225             | 185                |
| S800         | 50              | 800                 | 0.50                          | 420            | 402             | 145,000                   | 335                     | 233                  | 376                    | 279                  | 340             | 279                |
| S900         | 50              | 900                 | 0.64                          | 420            | 509             | 183,000                   | 424                     | 322                  | 520                    | 386                  | 470             | 386                |

Residential flow rate based on a velocity of 48m<sup>3</sup>/hr/m<sup>2</sup>. Max. pool size is based on a 6 hr turnover.

### Micron Top Mount Dimension (mm)



### Micron Top Mount Deep Bed Filter

Micron Deep Bed Filters are designed with a guaranteed filter bed depth of 500mm, providing enhanced in-depth filtration and increased dirt capacity.

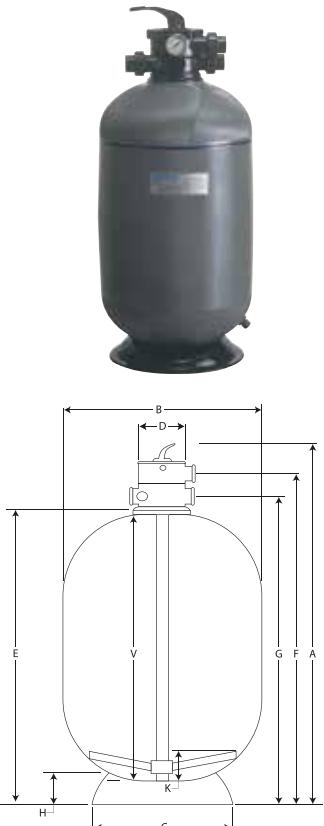
### Micron Top Mount Deep Bed Technical Specification

| Filter Model | Valve Size (mm) | Inner Diameter (mm) | Filter Area (m <sup>2</sup> ) | Bed Depth (mm) | Max. Flow (lpm) | Max. Pool Size** (litres) | Backwash flowrate (lpm) | Media Volume (litre) | Glass Pearl Media (kg) | Ecopure 0.5/1.0 (kg) | Sand 16/30 (kg) | Zeoplus 1-2.2 (kg) |
|--------------|-----------------|---------------------|-------------------------------|----------------|-----------------|---------------------------|-------------------------|----------------------|------------------------|----------------------|-----------------|--------------------|
| SD400        | 40              | 400                 | 0.13                          | 500            | 101             | 36,000                    | 84                      | 68                   | 111                    | 82                   | 100             | 82                 |
| SD500        | 40              | 500                 | 0.20                          | 500            | 157             | 57,000                    | 131                     | 105                  | 170                    | 126                  | 154             | 127                |
| SD600        | 40              | 600                 | 0.28                          | 500            | 226             | 81,000                    | 189                     | 161                  | 260                    | 193                  | 235             | 193                |
| SD750        | 50              | 750                 | 0.44                          | 500            | 353             | 127,000                   | 295                     | 247                  | 398                    | 296                  | 360             | 296                |
| SD900        | 50              | 900                 | 0.64                          | 500            | 509             | 183,000                   | 424                     | 377                  | 608                    | 452                  | 550             | 452                |

Residential flow rate based on a velocity of 48m<sup>3</sup>/hr/m<sup>2</sup>. Max. pool size is based on a 6 hr turnover.

### Micron Top Mount Deep Bed Dimension (mm)

| Model | A    | B   | C   | D   | E    | F    | G    | H   | V   | K   |
|-------|------|-----|-----|-----|------|------|------|-----|-----|-----|
| SD400 | 1220 | 405 | 356 | 160 | 953  | 1084 | 1005 | 61  | 846 | 57  |
| SD500 | 1220 | 505 | 443 | 160 | 953  | 1084 | 1005 | 69  | 846 | 57  |
| SD600 | 1220 | 624 | 540 | 160 | 953  | 1084 | 1005 | 88  | 828 | 69  |
| SD750 | 1320 | 776 | 678 | 220 | 970  | 1140 | 1040 | 120 | 838 | 125 |
| SD900 | 1372 | 910 | 678 | 220 | 1022 | 1192 | 1092 | 120 | 880 | 172 |





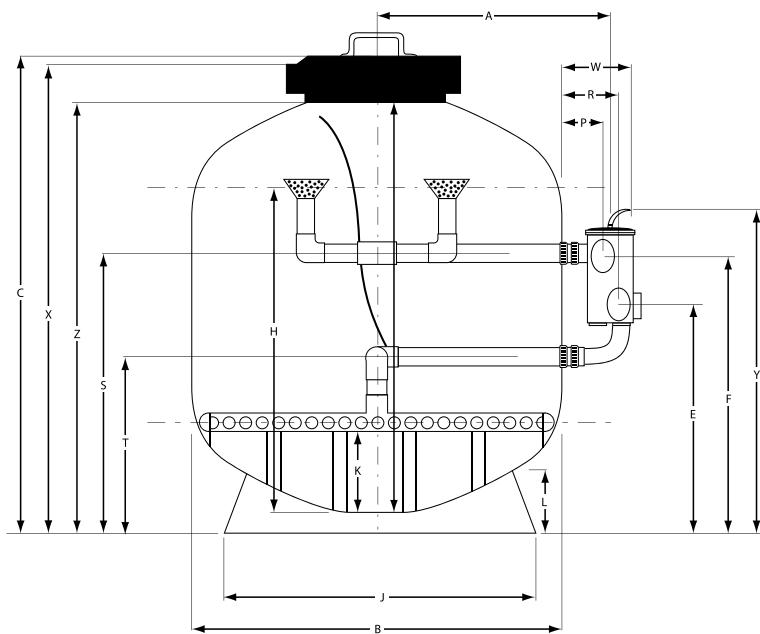
### Micron Side Mount Technical Specification

| Filter Model | Valve Size (mm) | Inner Diameter (mm) | Filter Area (m <sup>2</sup> ) | Bed Depth (mm) | Max. Flow (lpm) | Max. Pool Size** (litres) | Backwash flowrate (lpm) | Media Volume (litre) | Glass Pearl Media (kg) | Ecopure 0.5/1.0 (kg) | Sand 16/30 (kg) | Zeoplus 1-2.2 (kg) |
|--------------|-----------------|---------------------|-------------------------------|----------------|-----------------|---------------------------|-------------------------|----------------------|------------------------|----------------------|-----------------|--------------------|
| SM600        | 40              | 600                 | 0.28                          | 360            | 226             | 81,000                    | 189                     | 113                  | 183                    | 136                  | 165             | 136                |
| SM750        | 50              | 750                 | 0.44                          | 400            | 353             | 127,000                   | 295                     | 195                  | 315                    | 234                  | 285             | 234                |
| SM900        | 50              | 900                 | 0.64                          | 440            | 509             | 183,000                   | 424                     | 301                  | 487                    | 362                  | 440             | 362                |

Residential flow rate based on a velocity of 48m<sup>3</sup>/hr/m<sup>2</sup>. Max. pool size is based on a 6 hr turnover.

### Micron Side Mount Dimension (mm)

| Model | A   | B   | C    | W   | R   | P   | E   | F   | K   | V   | H   | L  | X    | Y   | Z   | J   | S   | T   |
|-------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|----|------|-----|-----|-----|-----|-----|
| SM600 | 526 | 622 | 906  | 306 | 249 | 171 | 520 | 574 | 105 | 690 | 601 | 87 | 873  | 718 | 800 | 484 | 520 | 317 |
| SM750 | 613 | 772 | 976  | 334 | 262 | 191 | 541 | 643 | 113 | 763 | 652 | 90 | 943  | 800 | 870 | 620 | 541 | 337 |
| SM900 | 689 | 923 | 1086 | 334 | 262 | 191 | 591 | 693 | 113 | 860 | 750 | 90 | 1053 | 850 | 980 | 620 | 591 | 387 |



### Warranty

|                  |                        |                          |  |
|------------------|------------------------|--------------------------|--|
| Micron Filters   | 10 Years (conditional) | Commercial Installations | 5 Years (conditional)                    |
| Filter Tank      | 10 Years               | Filter Tank              | 5 Years (1 year full + 4 years pro rata) |
| Multi Port Valve | 2 Year                 | Multi Port Valve         | 2 Year                                   |
| Labour           | 1 Year                 | Other components         | 1 Year                                   |
| Other components | 1 Year                 |                          |  |

Please refer to Waterco's warranty terms and conditions

## Waterco Limited

Established since 1981, Waterco is an Australian publicly listed company involved in the manufacture and distribution of swimming pool and spa equipment and chemicals, domestic water filters, softeners and purifiers, and commercial and industrial water treatment equipment.

Waterco's research and development team has created an innovative range of award-winning products. The company's advanced fibreglass winding and pioneering plastic moulding techniques have delivered premium quality products to over 40 countries via its branches operating in Australia, New Zealand, Malaysia, China, United Kingdom, United States of America, Canada, Indonesia and Singapore.

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