

SMD MICRON FILTER

Product Information



- Fibreglass wound tank with an ultra smooth bobbin finish.
- Corrosion and UV resistant.
- Large double yoke lid with lifting eye.
- Pressure gauge.
- Inflow diffuser evenly distributes water flow across filter bed.
- Supplied with imperial connections as standard. Metric available on request.
- Sight glass fitted as standard.
- Manhole access.
- Fishtail lateral configuration for maximum hydraulic performance and filtration.
- Manual drain.
- Water purge and sand dump port.
- Large filter base for extra stability.
- Supplied as tank only.
- For dual pressure gauge panel see Pressure Gauges section.

Filters

L SMD Micron

| | |
|------------|------------|
| 1597259075 | SMD 750 |
| 1597259090 | SMD 900 |
| 1597259105 | SMD 1050 |
| 1597259120 | SMD 1200 |
| 1597259140 | SMD 1400 |
| 1597259160 | SMD 1600-3 |
| 1597259161 | SMD 1600-4 |
| 1597259180 | SMD 1800 |
| 1597259200 | SMD 2000 |

Nozzle plate available upon request.

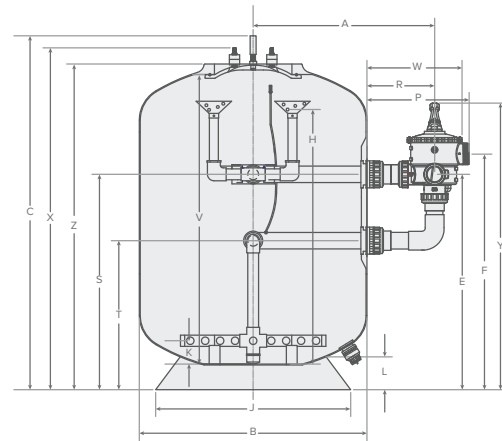
For face pipework and multiport valves see pages 163 to 166.

| | 750 | 900 | 1050 | 1200 | 1400 | 1600-3 | 1600-4 | 1800 | 2000 |
|----------|------|------|------|------|------|--------|--------|------|------|
| B | 1110 | 923 | 1110 | 1229 | 1442 | 1644 | 1644 | 1839 | 2042 |
| C | 1930 | 1918 | 1930 | 1935 | 1955 | 1994 | 1994 | 1985 | 2063 |
| E | 1100 | 1300 | 1100 | 1154 | 1204 | 1151 | 757 | 751 | 758 |
| F | 1210 | 1426 | 1210 | 1264 | 1314 | 1261 | 419 | 413 | 420 |
| J | 1405 | 735 | 1045 | 1045 | 1202 | 1202 | 1202 | 1755 | 1755 |
| L | 176 | 155 | 176 | 176 | 218 | 218 | 218 | 315 | 245 |
| P | 548 | 193 | 548 | 548 | 548 | 548 | 629 | 629 | 629 |
| S | 1100 | 1300 | 1100 | 1154 | 1204 | 1151 | 1189 | 1183 | 1190 |
| T | 746 | 1000 | 744 | 798 | 848 | 795 | 757 | 751 | 758 |
| V | 1605 | 1580 | 1605 | 1590 | 1615 | 1615 | 1615 | 1710 | 1765 |
| Y | 1482 | 1610 | 1482 | 1536 | 1586 | 1533 | 757 | 751 | 758 |
| Z | 1775 | 1763 | 1775 | 1780 | 1800 | 1839 | 1839 | 1830 | 1908 |

All measurements in mm.

L SMD Side Service Hatch

| |
|---------------------|
| Round - 200 mm |
| Round - 320 mm |
| Oval - 320 x 200 mm |
| Oval - 420 x 320 mm |



| | SMD 750 | SMD 900 | SMD 1050 | SMD 1200 | SMD 1400 | SMD 1600-3 | SMD 1600-4 | SMD 1800 | SMD 2000 |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Tank diameter | 750mm | 900mm | 1050mm | 1200mm | 1400mm | 1600mm | 1600mm | 1800mm | 2000mm |
| Valve size | 63mm / 2" | 90mm / 3" | 90mm / 3" * | 90mm / 3" * | 90mm / 3" * | 90mm / 3" * | 110mm / 4" * | 110mm / 4" * | 110mm / 4" |
| Bed depth | 1000mm | 1000mm | 1000mm | 1000mm | 1000mm | 1000mm | 1000mm | 1000mm | 1000mm |
| Filter area | 0.44m ² | 0.64m ² | 0.87m ² | 1.13m ² | 1.54m ² | 2.01m ² | 2.01m ² | 2.54m ² | 3.14m ² |
| Sand | 670kg | 1060kg | 1410kg | 1720kg | 2515kg | 3170kg | 3060kg | 4205kg | 5140kg |
| Gravel** | 100kg | 159kg | 212kg | 258kg | 378kg | 476kg | 476kg | 631kg | 771kg |
| Glass | 570kg | 1016kg | 1159kg | 1414kg | 2067kg | 2605kg | 2515kg | 3456kg | 4225kg |
| Flow rate* | 13m ³ /hr | 19m ³ /hr | 26m ³ /hr | 34m ³ /hr | 46m ³ /hr | 60m ³ /hr | 60m ³ /hr | 76m ³ /hr | 94m ³ /hr |

*Flow rate at 30m³/hr/m². **If using gravel, deduct gravel from sand weight.