



**FIBERPOOL®**  
Technology

## High-capacity filters

- Sand filters made from bobbin-wound glass-fibre yarn impregnated with polyester resin (GFRP technology)
- Broad range: **diameter from 1050 mm to 3000 mm**
- Maximum operating pressure: **2.5 bar**
- **Filtration bed depth: 1m**
- **Large opening on top** for easy maintenance 400 x 300 mm
- **Arm collector as standard**
- **Sand outlet 63 or 90 mm in diameter**, water drain 1"
- **Ball valve for air relief**
- **Can be installed alone or in a battery** to increase filtering capacity
- **Usages: very large pools, water parks, industrial water treatment**

| Dimensions            |          |       |           |            |                |                 |                 |                 |                 |                 |
|-----------------------|----------|-------|-----------|------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Ø (mm)                | 1050     | 1200  | 1400      | 1600       | 1800           | 2000            | 2200            | 2350            | 2500            | 3000            |
| Flanges Ø (mm)        | 63/75/90 | 75/90 | 75/90/110 | 90/110/125 | 90/110/125/140 | 110/125/140/160 | 125/140/160/200 | 125/140/160/200 | 140/160/200/225 | 160/200/225/250 |
| Filtration height (m) | 1        | 1     | 1         | 1          | 1              | 1               | 1               | 1               | 1               | 1               |
| H (mm)                | 1816     | 1816  | 1816      | 1916       | 1956           | 2060            | 2135            | 2376            | 2700            | 2870            |
| E (mm)                | 625      | 630   | 630       | 720        | 750            | 770             | 850             | 940             | 1080            | 1175            |
| B (mm)                | 550      | 550   | 550       | 490        | 440            | 490             | 420             | 500             | 550             | 550             |
| G (mm)                | 1442     | 1442  | 1413      | 1469       | 1520           | 1600            | 1685            | 1860            | 2180            | 2285            |
| F (mm)                | 238      | 238   | 267       | 311        | 300            | 320             | 320             | 380             | 380             | 450             |
| A (mm)                | 1680     | 1680  | 1680      | 1780       | 1820           | 1920            | 2005            | 2240            | 2560            | 2735            |
| DP (mm)               | 1015     | 1015  | 1300      | 1500       | 1630           | 1850            | 1850            | 2100            | 2100            | 2600            |
| C (mm)                | 75       | 75    | 75        | 75         | 75             | 75              | 75              | 75              | 75-80           | 75-80           |
| Filtration area (m²)  | 0.86     | 1.13  | 1.54      | 2.01       | 2.54           | 3.14            | 3.80            | 4.33            | 4.90            | 7.07            |
| Volume (L)            | 1145     | 1462  | 1912      | 2609       | 3527           | 4295            | -               | 7006            | 8752            | 13960           |
| Gravel 1-2 (kg)       | 150      | 200   | 325       | 450        | 575            | 1000            | 1000            | 1600            | 1700            | 2800            |
| Sand 0.4 - 0.8 (kg)   | 1150     | 1525  | 2075      | 2725       | 3450           | 4250            | 4925            | 5850            | 6625            | 9500            |

### Additional options on request:

- Maximum pressures 4, 6 and 9 bar
- Filter bed depth 1.2m / 1.5m
- Nozzle plate
- Lateral sight glass
- Air relief - pressure control valve
- Side manhole

