

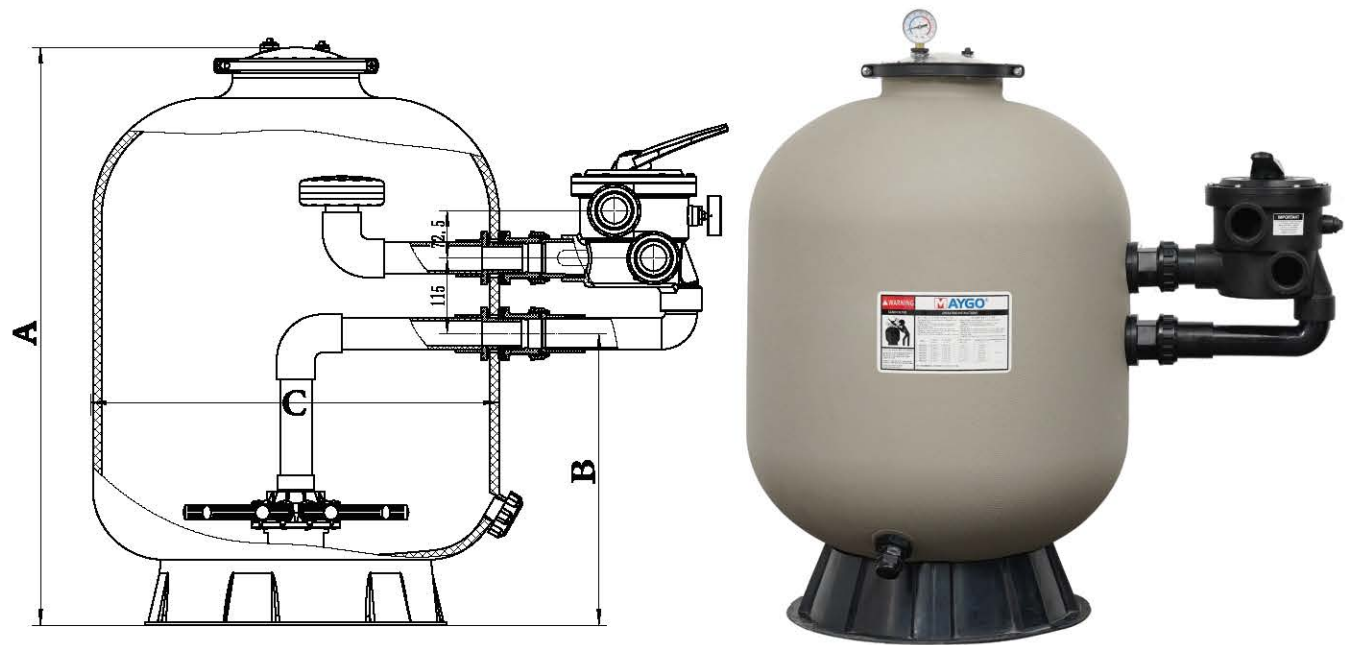
# MGS Plastic Sand Filter Side Mount

### Working Condition

- Max Working Pressure: 250kpa / 35psi / 2.5bar
- Max Hydrostatic Pressure Capacity: 46psi / 3.2bar
- Max Water Temp: 40°C(104°F)
- Size Of Silica Sand: >0.5mm
- Max Filtration Velocity: 50m³/h/m²
- Color can be customized

### Features

- Transparent lid cover allows easy inspection of the sand bed
- Top diffuser ensures even distribution of water over the top of the sand bed
- Air relief enables easy release of trapped air during operation of the filter
- Easy-to-use multiport valve lets you select any of the valve/filter operation with a simple lever-action



Performance Table

| Model No. | A   |      | B   |      | C   |    | Filter Area [m²] | Valve Connections |      | Max Flow Rate |          | Sand [KG] |
|-----------|-----|------|-----|------|-----|----|------------------|-------------------|------|---------------|----------|-----------|
|           | mm  | in   | mm  | in   | mm  | in |                  |                   |      |               |          |           |
| MGS18     | 628 | 24.7 | 290 | 11.4 | 460 | 18 | 0.16             | 1.5inch           | 50mm | 130LPM        | 7.8m³/h  | 45        |
| MGS20     | 684 | 26.9 | 312 | 12.3 | 510 | 20 | 0.22             | 1.5inch           | 50mm | 180LPM        | 10.8m³/h | 85        |
| MGS25     | 880 | 34.6 | 445 | 17.5 | 620 | 25 | 0.31             | 1.5inch           | 50mm | 255LPM        | 15.3m³/h | 145       |

# MGT Plastic Sand Filter Top Mount

### Model Definition



### Product Profile

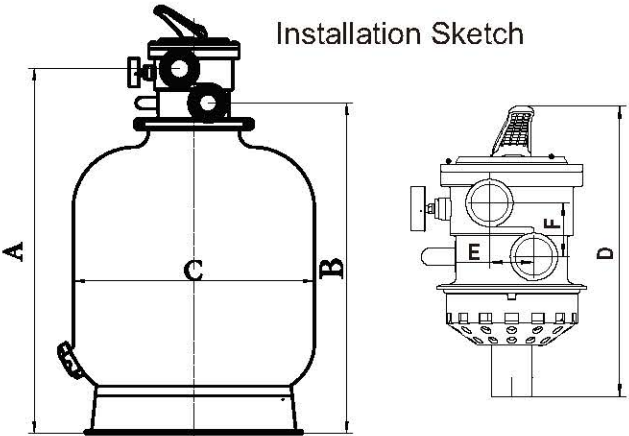
- MGT ejector sand cylinder filter is made of engineering plastic with good chemical corrosion resistance, sun protection and UV protection. Sand cylinder has a certain degree of elasticity, not easy to crack and broken. The design of water distributor is unique and efficiency of culvert drainage system is high. After filtering the pool water through the sand tank filter. The effluent turbidity is less than 2 degrees which has the priority in the filtration system of swimming pool, SPA, water scape and water park.

### Working Condition

- Max Working Pressure: 250kpa/ 35psi/ 2.5bar
- Max Hydrostatic Pressure Capacity: 46psi / 3.2bar
- Max Water Temp: 40°C(104°F)
- Size Of Silica Sand: >0.5mm
- Max Filtration Velocity: 50m³/h/m²

### Characteristics

- The cylinder body is made of plastic, and the surface is treated with uv protection
- Ergonomic design of six - way valve
- Stainless steel shockproof pressure gauge
- Built-in filter bottom tube, easy maintenance
- The bottom sand discharge valve facilitates the removal of goods to replace sand in the sand cylinder.



Performance Table

| Model No. | A   |      | B   |      | C   |    | D   |      | E  |      | F  |      | Filter Area [m <sup>2</sup> ] | Valve Connections |      | Max Flow Rate |          | Sand [KG] |
|-----------|-----|------|-----|------|-----|----|-----|------|----|------|----|------|-------------------------------|-------------------|------|---------------|----------|-----------|
|           | mm  | in   | mm  | in   | mm  | in | mm  | in   | mm | in   | mm | in   |                               |                   |      |               |          |           |
| MGT16     | 665 | 26.2 | 590 | 23.2 | 400 | 16 | 392 | 15.4 | 60 | 2.36 | 72 | 2.84 | 0.13                          | 1.5inch           | 50mm | 105LPM        | 6.3m³/h  | 35        |
| MGT18     | 710 | 28.0 | 635 | 25.0 | 460 | 18 | 392 | 15.4 | 60 | 2.36 | 72 | 2.84 | 0.16                          | 1.5inch           | 50mm | 130LPM        | 7.8m³/h  | 45        |
| MGT20     | 775 | 30.5 | 700 | 27.6 | 510 | 20 | 392 | 15.4 | 60 | 2.36 | 72 | 2.84 | 0.22                          | 1.5inch           | 50mm | 180LPM        | 10.8m³/h | 85        |
| MGT25     | 975 | 38.4 | 900 | 35.4 | 620 | 25 | 392 | 15.4 | 60 | 2.36 | 72 | 2.84 | 0.31                          | 1.5inch           | 50mm | 255LPM        | 15.3m³/h | 145       |
| MGT28     | 950 | 37.4 | 890 | 35.0 | 710 | 28 | 392 | 15.4 | 60 | 2.36 | 72 | 2.84 | 0.40                          | 1.5inch           | 50mm | 333LPM        | 20m³/h   | 220       |
| MGT28-2   | 950 | 37.4 | 890 | 35.0 | 710 | 28 | 392 | 15.4 | 60 | 2.36 | 72 | 2.84 | 0.40                          | 2.0inch           | 63mm | 333LPM        | 20m³/h   | 220       |