



## M Series Filters Are Manufactured By

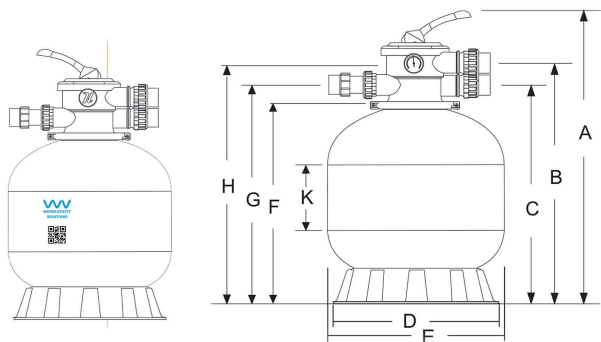
Automatic bobbin winding technology from long-lasting and non-corrosive fiberglass and resin. With UV-resistant surface finish, it is able to operate under prolong sunlight for years of reliability.

## Bobbin-Wound Filter

Is manufactured by computerized fiberglass filament winding technology. This provides the mechanical strength of the filter tank and its ability to withstand pressure.

### Features And Benefits:

1. Tank Material: Bobbin-wound Reinforced Fiberglass
2. Max operating pressure **60psi /4 bar**
3. Max temperature of 43°C (109°F)
4. Universal standard of union connection is provided
5. Suggested size of media : 0.5-0.8mm
6. Lateral system
7. Pressure gauge is provided
8. Equipped with 6-way clamp/bolt style multiport valve (1.5"MPV01, 2"MPV02, 2.5MPV12)

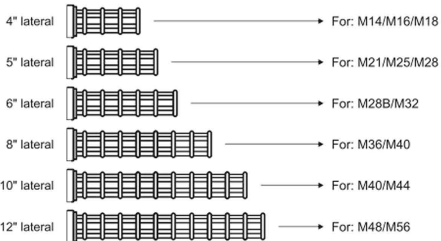
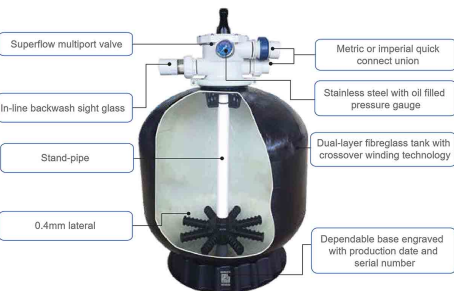


Dimensions (mm)

| MODEL | A    | B    | C    | D    | E    | F    | G    | H    | K   | PackagingSize<br>(Excluded MPV) |       |        | Valve<br>(inch) |
|-------|------|------|------|------|------|------|------|------|-----|---------------------------------|-------|--------|-----------------|
| mm    |      |      |      |      |      |      |      |      |     | Length                          | Width | Height |                 |
| M14   | 680  | 550  | 490  | 390  | 346  | 431  | 490  | 550  | 175 | 349                             | 349   | 434    | 1.5"            |
| M16   | 770  | 614  | 585  | 390  | 410  | 525  | 585  | 641  | 230 | 413                             | 413   | 528    |                 |
| M18   | 810  | 674  | 614  | 390  | 454  | 558  | 614  | 674  | 280 | 457                             | 457   | 561    |                 |
| M21   | 867  | 731  | 671  | 497  | 534  | 615  | 671  | 731  | 240 | 537                             | 537   | 618    |                 |
| M25   | 967  | 831  | 771  | 497  | 635  | 715  | 771  | 831  | 280 | 638                             | 638   | 718    |                 |
| M28   | 1027 | 891  | 831  | 497  | 700  | 775  | 831  | 891  | 290 | 703                             | 703   | 778    |                 |
| M32   | 1180 | 1026 | 946  | 714  | 820  | 880  | 946  | 1026 | 320 | 823                             | 823   | 883    |                 |
| M36   | 1285 | 1131 | 1051 | 720  | 920  | 985  | 1051 | 1131 | 320 | 823                             | 923   | 988    |                 |
| M40   | 1406 | 1252 | 1172 | 720  | 1016 | 1106 | 1172 | 1252 | 360 | 1019                            | 1019  | 1109   | 2"              |
| M44   | 1480 | 1350 | 1270 | 800  | 1092 | 1210 | 1270 | 1340 | 360 | 1095                            | 1095  | 1213   |                 |
| M48   | 1500 | 1450 | 1370 | 913  | 1210 | 1310 | 1370 | 1400 | 420 | 1213                            | 1213  | 1313   |                 |
| M56   | 1615 | 1565 | 1485 | 1200 | 1404 | 1425 | 1485 | 1575 | 590 | 1407                            | 1407  | 1428   |                 |

### Specifications

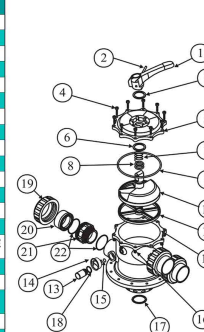
| MODEL | Filter Area   | Silica Sand |     |      |     | MODEL | Max. Flow Rate | Designed velocity | Max. Working Pressure            |
|-------|---------------|-------------|-----|------|-----|-------|----------------|-------------------|----------------------------------|
|       | Inch /Mm(1eu) | M2          | mm  | kg   |     |       | lpm            | m <sup>3</sup> /h | m <sup>3</sup> /h/m <sup>2</sup> |
| M14   | 1.5"/50       | 0.1         | 175 | 20   | M14 | 80    | 5              | 48                | 4 (60psi)                        |
| M16   |               | 0.13        | 230 | 30   | M16 | 105   | 6              |                   |                                  |
| M18   |               | 0.16        | 240 | 40   | M18 | 133   | 8              |                   |                                  |
| M21   |               | 0.23        | 280 | 85   | M21 | 192   | 12             |                   |                                  |
| M25   |               | 0.33        | 336 | 155  | M25 | 270   | 16             |                   |                                  |
| M28   | 2"/63         | 0.38        | 348 | 210  | M28 | 320   | 19             |                   |                                  |
| M32   |               | 0.5         | 384 | 250  | M32 | 420   | 25             |                   |                                  |
| M36   |               | 0.65        | 384 | 350  | M36 | 500   | 30             |                   |                                  |
| M40   |               | 0.79        | 432 | 600  | M40 | 550   | 33             |                   |                                  |
| M44   |               | 0.98        | 432 | 900  | M44 | 630   | 38             |                   |                                  |
| M48   |               | 1.13        | 504 | 1150 | M48 | 700   | 42             |                   |                                  |
| M56   |               | 1.54        | 708 | 1800 | M56 | 960   | 57             |                   |                                  |



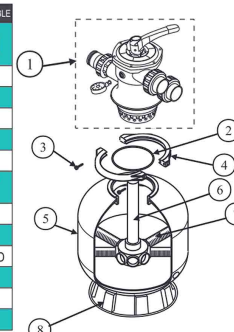
**SuperFlow**  
Multiport valve

## SUPER Flow High Quality 6-WAYS MULTIPORT VALVE

| ITEM | PART NO. | DESCRIPTION              |
|------|----------|--------------------------|
| 1    | 10001    | HANDLE                   |
| 2    | 30121    | LOCK PIN                 |
| 3    | 10002    | WASHER                   |
| 4    | 30167    | SCREW                    |
| 5    | 10033    | COVER                    |
| 6    | 10003    | WASHER                   |
| 7    | 30120    | SPRING                   |
| 8    | 20002    | O'RING                   |
| 9    | 20008    | O'RING OF COVER          |
| 10   | 10040    | DIVERTOR HEAD            |
| 11   | 20009    | GASKET                   |
| 12   | 10034    | BODY                     |
| 13   | 10004    | SIGHT GLASS              |
| 14   | 30002    | PRESSURE GAUGE           |
| 15   | 20010    | GASKET OF PRESSURE GAUGE |
| 16   | 30162    | NUT HEX                  |
| 17   | 20011    | O'RING                   |
| 18   | 20011    | O'RING FOR SIGHT GLASS   |
| 19   | 20015    | UNION NUT                |
| 20   | 10043    | UNION HEAD               |
| 21   | 10045    | THREADED TAIL PIECE      |
| 22   | 20012    | O'RING                   |



| ITEM | PART NO. | DESCRIPTION                       |
|------|----------|-----------------------------------|
| 1    | 2000-01  | VALVE                             |
| 2    | 2000-02  | O'RING                            |
| 3    | 2000-03  | SCREW                             |
| 4    | 2000-04  | FLANGE CLAMP                      |
| 5    | 2000-05  | FILTER TANK                       |
| 6    | 2000-06  | LATERAL ASSEMBLY WITH CENTER PIPE |
| 7    | 2000-07  | LATERAL                           |
| 8    | 2000-08  | DRAIN                             |
| 9    | 2000-09  | FILTER SUPPORT STAND              |
| 10   | 2000-10  | O'RING                            |
| 11   | 2000-11  | O'RING                            |
| 12   | 2000-12  | DRAIN CAP                         |



### MULTIPORT VALVE

| Valve position     | Function                                                              |
|--------------------|-----------------------------------------------------------------------|
| <b>FILTER</b>      | Normal Filtration and Vacuuming                                       |
| <b>BACKWASH</b>    | Cleaning Filter by reversing the flow                                 |
| <b>RINSE</b>       | Used after backwash to flush dirt from valve                          |
| <b>WASTE</b>       | By-passes filter, used for vacuuming to waste or lowering water level |
| <b>RECIRCULATE</b> | By-passes filter for circulating water to pool                        |
| <b>CLOSED</b>      | Shuts off all flow to filter or pool                                  |

