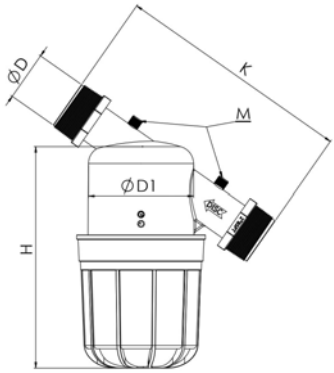
## PLASTIC MINI FILTERS

| | |
|---|---|
| Body Material | PP |
| Cartridge Material | Disc (PP), Screen (SS 304+PP ) |
| Maximum Working Pressure | 8 Bar (116 PSI) |
| Maximum Working Temperature | 60 °C / 140 °F |
| Filtration Degree | 130 micron |

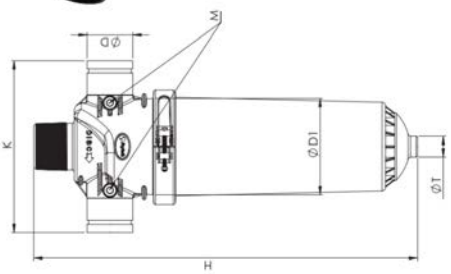
| Internal set | D | M | D1 | H | K | Flow | Area | Weight |
|---|---|---|---|---|---|---|---|---|
| | inch | | mm | | | m³/h | cm² | kg |
| Screen | ¾ | - | 68 | 190 | 160 | 5 | 165 | 0,3 |
| | 1 | - | 68 | 190 | 160 | 6 | 165 | 0,3 |
| | 1 | - | 96 | 230 | 220 | 10 | 325 | 0,75 |
| | 1 ¼ | - | 96 | 230 | 220 | 13 | 325 | 0,75 |
| | ½ | - | 96 | 230 | 220 | 15 | 300 | 0,75 |
| | ½ | ¼ | 120 | 280 | 270 | 20 | 515 | 1,2 |
| | 2 | ¼ | 120 | 280 | 270 | 25 | 515 | 1,2 |
| Disc | ¾ | - | 68 | 190 | 160 | 5 | 185 | 0,45 |
| | 1 | - | 68 | 190 | 160 | 6 | 185 | 0,45 |
| | 1 | - | 96 | 230 | 220 | 10 | 300 | 1 |
| | 1 ¼ | - | 96 | 230 | 220 | 13 | 300 | 1 |
| | ½ | - | 96 | 230 | 220 | 15 | 325 | 1 |
| | ½ | ¼ | 120 | 280 | 270 | 20 | 550 | 1,5 |
| | 2 | ¼ | 120 | 280 | 270 | 25 | 550 | 1,5 |




## PLASTIC SINGLE FILTERS

| | |
|---|---|
| Body Material | PA |
| Cartridge Material | Disc (PP) |
| Maximum Working Pressure | 8 Bar (116 PSI) |
| Maximum Working Temperature | 60 °C / 140 °F |
| Filtration Degree | 20-50-100-130 micron |

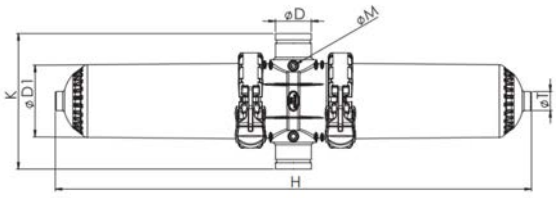
| Internal set | D | M | T | D1 | H | K | Flow | Area | Weight |
|---|---|---|---|---|---|---|---|---|---|
| | inch | | | mm | | | m³/h | cm² | kg |
| Disc | 2 | ¼ | ¾ | 190 | 750 | 335 | 35 | 1805 | 8 |
| | 2½ | ¼ | ¾ | 190 | 750 | 335 | 40 | 1805 | 8,1 |
| | 3 | ¼ | ¾ | 190 | 750 | 335 | 50 | 1805 | 8,2 |




## PLASTIC DOUBLE FILTERS

| | |
|---|---|
| Body Material | PA |
| Cartridge Material | Disc (PP), Screen (SS 304+PP ) |
| Maximum Working Pressure | 8 Bar (116 PSI) |
| Maximum Working Temperature | 60 °C / 140 °F |
| Filtration Degree | 20-50-100-130 micron |

| Internal set | D | M | T | D1 | H | K | Flow | Area | Weight |
|---|---|---|---|---|---|---|---|---|---|
| | inch | | | mm | | | m³/h | cm² | kg |
| Disc | 3 | ¼ | ¾ | 190 | 1200 | 340 | 60 | 3610 | 13,6 |
| | 4 | ¼ | ¾ | 190 | 1200 | 340 | 80 | 3610 | 13,8 |

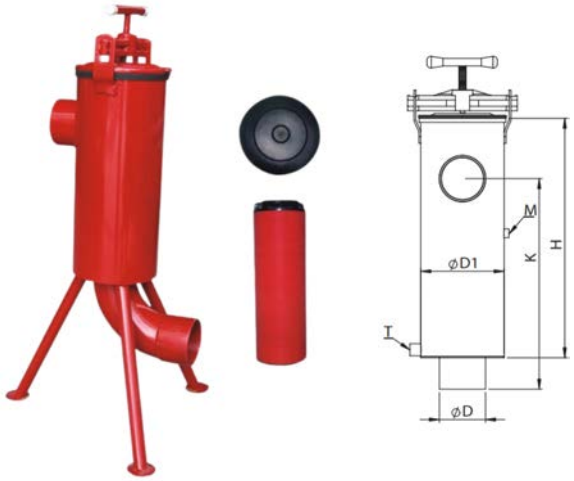


# METAL FILTERS

## METAL DISC FILTER

| | |
|---|---|
| **Body Material** | S195T |
| **Cartridge Material** | Disc (PP) |
| **Painting Material** | Epoxy Polyester |
| **Maximum Working Pressure** | 8 Bar (116 PSI) |
| **Working Temperature** | 60 °C / 140 °F |
| **Filtration Method** | 20-50-100-130 micron |

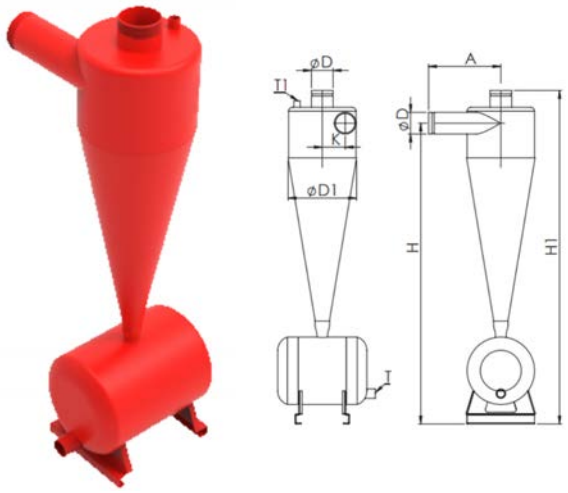
| D | D1 | M | T | K | H | Flow | Weight |
|---|---|---|---|---|---|---|---|
| inch | | | | cm | | m³/h | kg |
| 2 | 6 | ¼ | ½ | 20 | 25 | 10 | - |
| 2 | 8 | ¼ | ¾ | 20 | 25 | 20 | - |
| 2½ | 8 | ¼ | ¾ | 30 | 35 | 30 | - |
| 3 | 8 | ¼ | ¾ | 35 | 40 | 40 | - |
| 4 | 8 | ¼ | ¾ | 45 | 50 | 45 | - |
| 4 | 8 | ¼ | ¾ | 65 | 70 | 50 | - |




## METAL HYDROCYCLONE

| | |
|---|---|
| **Body Material** | S235JR |
| **Cartridge Material** | Disc (PP) |
| **Painting Material** | Epoxy Polyester |
| **Maximum Working Pressure** | 8 Bar (116 PSI) |
| **Working Temperature** | 60 °C / 140 °F |
| **Filtration Method** | 20-50-100-130 micron |

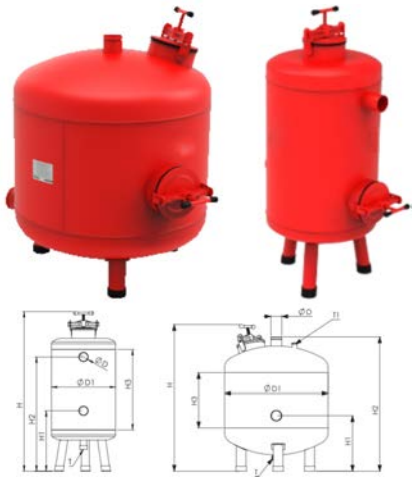
| D | D1 | T | T1 | K | A | H | H1 | Flow | Weight |
|---|---|---|---|---|---|---|---|---|---|
| inch | | | | mm | | | | m³/h | kg |
| 2 | 11 | ¾ | ½ | 110 | 250 | 1275 | 1450 | 20 | 27 |
| 2½ | 11 | 1 | ½ | 102 | 300 | 1335 | 1530 | 30 | 33 |
| 3 | 11 | 1 | ½ | 95 | 300 | 1330 | 1530 | 40 | 35 |
| 4 | 11 | 1 | ½ | 82,5 | 300 | 1320 | 1530 | 60 | 38 |
| 4 | 13 | 2 | ¾ | 102,5 | 350 | 1365 | 1570 | 80 | 42 |
| 5 | 15 | 2 | 1 | 120 | 400 | 1520 | 1745 | 140 | 65 |
| 6 | 18 | 2 | 1 | 142,5 | 450 | 1750 | 2035 | 200 | 92 |




## METAL SAND MEDIA (GRAVEL) FILTERS

| | |
|---|---|
| **Body Material** | S235JR |
| **Cartridge Material** | Disc (PP) |
| **Painting Material** | Epoxy Polyester |
| **Maximum Working Pressure** | 8 Bar (116 PSI) |
| **Working Temperature** | 60 °C / 140 °F |
| **Filtration Method** | Diffuser |

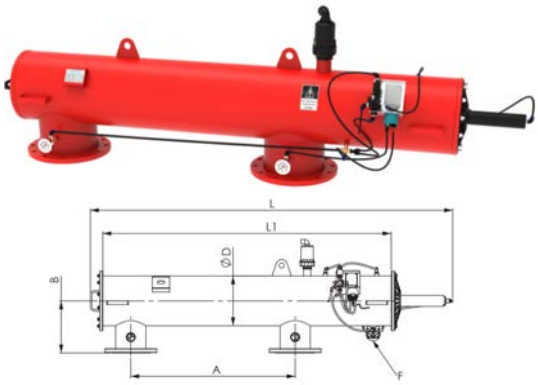
| D | D1 | T | T1 | H | H1 | H2 | H3 | Flow | Weight | Sand |
|---|---|---|---|---|---|---|---|---|---|---|
| inch | | | | mm | | | | m³/h | kg | kg |
| 2½ | 24 | 2 | - | 1450 | 560 | 1060 | 750 | 20 | 77 | 300 |
| 3 | 24 | 2 | - | 1450 | 560 | 1260 | 750 | 24 | 82 | 300 |
| 4 | 24 | 2 | - | 1700 | 560 | 1100 | 1000 | 123 | 94 | 350 |
| 3 | 36 | 2 | 1 | 1195 | 420 | 1100 | 500 | 50 | 132 | 350 |
| 4 | 36 | 2 | 1 | 1195 | 420 | 1100 | 500 | 55 | 140 | 350 |



# AUTOMATIC FILTERS

## HORIZONTAL AUTOMATIC FILTER

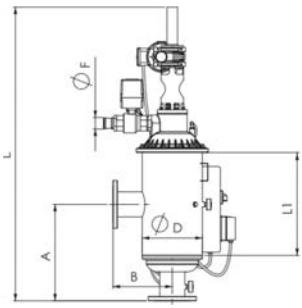
| | |
|---|---|
| Body Material | S195T / SS 316L / SS 304 L |
| Screen Material | SS 304L, PA6GFR30 |
| Maximum Working Pressure | 10 Bar (145 PSI) |
| Minimum Working Pressure | 2,5 Bar (36 PSI) |
| Maximum Working Temperature | 60 °C (140 °F) |
| Back Flush Operation Criteria | Time and / or Pressure Differential |
| Back Flush Controlling Unit | Electronic (AC/DC ) Control |
| Filtration Degree | 20-2000 micron (µ) |
| Painting Method | Electrostratic Powder Coating |
| Painting Material | Epoxy Polyester |



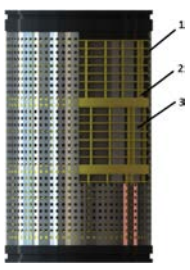
| Inlet Outlet | | A | B | L1 | L | D | F | Flow | Drainage | Area | Nozzle | Screen | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| inch | dn | mm | | | | inch | | m³/h | | cm² | piece | | kg |
| 4 | 100 | 500 | 287 | 1070 | 1475 | 10 | 2 | 120 | 12 | 2634 | 2 | 4 | 64 |
| 4 | 100 | 600 | 287 | 1270 | 1675 | 10 | 2 | 140 | 18 | 3951 | 3 | 6 | 75 |
| 5 | 125 | 600 | 287 | 1270 | 1675 | 10 | 2 | 150 | 18 | 3951 | 3 | 6 | 78 |
| 5 | 125 | 900 | 287 | 1580 | 1985 | 10 | 2 | 160 | 24 | 5268 | 4 | 8 | 89 |
| 6 | 150 | 900 | 287 | 1580 | 1985 | 10 | 2 | 180 | 24 | 5268 | 4 | 8 | 94 |
| 6 | 150 | 1100 | 312 | 1972 | 2375 | 12 | 2 | 220 | 24 | 7902 | 6 | 12 | 132 |
| 8 | 200 | 1100 | 312 | 1972 | 2375 | 12 | 2 | 320 | 36 | 7902 | 6 | 12 | 135 |
| 10 | 250 | 1100 | 312 | 1972 | 2375 | 12 | 2 | 380 | 36 | 7902 | 6 | 12 | 166 |

## VERTICAL AUTOMATIC FILTER

| | |
|---|---|
| Body Material | S195T / SS 316L / SS 304 L |
| Screen Material | SS 304L, PA6GFR30 |
| Maximum Working Pressure | 10 Bar (145 PSI) |
| Minimum Working Pressure | 1 Bar (14.5 PSI) |
| Maximum Working Temperature | 60 °C (140 °F) |
| Back Flush Operation Criteria | Time and / or Pressure Differential |
| Back Flush Controlling Unit | Electronic (AC/DC ) Control |
| Filtration Degree | 20-2000 micron (µ) |
| Painting Method | Electrostratic Powder Coating |
| Painting Material | Epoxy Polyester |



| Inlet Outlet | | A | B | L1 | L | D | F | Flow | Drainage | Area | Nozzle | Screen | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| inch | dn | mm | | | | inch | | m³/h | | cm² | piece | | kg |
| 2 | 50 | 390 | 270 | 365 | 1120 | 10 | 2 | 40 | 12 | 1317 | 2 | 2 | 42 |
| 2½ | 65 | 390 | 270 | 365 | 1120 | 10 | 2 | 50 | 12 | 1317 | 2 | 2 | 43 |
| 3 | 80 | 390 | 270 | 365 | 1120 | 10 | 2 | 55 | 12 | 1317 | 2 | 2 | 44 |
| 3 | 80 | 440 | 270 | 465 | 1220 | 10 | 2 | 70 | 18 | 1975 | 3 | 3 | 47 |
| 4 | 100 | 440 | 270 | 465 | 1220 | 10 | 2 | 100 | 18 | 1975 | 3 | 3 | 49 |
| 4 | 100 | 490 | 270 | 565 | 1320 | 10 | 2 | 120 | 12 | 2634 | 4 | 4 | 51 |
| 5 | 125 | 590 | 287 | 765 | 1520 | 10 | 2 | 150 | 18 | 3951 | 6 | 6 | 56 |
| 6 | 150 | 590 | 287 | 765 | 1520 | 10 | 2 | 160 | 18 | 3951 | 6 | 6 | 58 |



### PLASTIC DISC FILTER SYSTEMS • MANUAL / AUTOMATIC

| | |
|---|---|
| **Plastic Filter Types** | Manual Disc (PSD), Self Clean Disc (PSC) |
| **Disc Material** | PP |
| **Manifold Material** | Steel / Stainless Steel / Plastic |
| **Maximum Working Pressure** | 8 Bar (116 PSI) |
| **Minimum Working Pressure** | 2 Bar (29 PSI) |
| **Maximum Working Temperature** | 60 °C (140 °F) |
| **Back Flush Operation** | Pressure Differential |
| **Back Flush Controlling** | Manual / Electronic |
| **Filtration Degree** | 20-50-100-130 micron |

| Filter count | Filter size | Manifold size | Flow |
|---|---|---|---|
| piece | inch | dn | m³/h |
| 2 | 4 | 100 | 80-85 |
| 3 | 4 | 125 | 120-130 |
| 4 | 4 | 150 | 160-170 |
| 5 | 4 | 150 | 200-210 |
| 6 | 4 | 200 | 240-250 |
| 7 | 4 | 200 | 280-300 |

### PLASTIC DISC FILTER SYSTEMS • MANUAL / AUTOMATIC

| | |
|---|---|
| **Body Material** | PA6GFR30 |
| **Disc Material** | PP |
| **Manifold Material** | Steel, Epoxy Polyester Paint |
| **Maximum Working Pressure** | 8 Bar (116 PSI) |
| **Minimum Working Pressure** | 2 Bar (29 PSI) |
| **Maximum Working Temperature** | 60 °C (140 °F) |
| **Back Flush Operation** | Time and Pressure |
| **Back Flush Controlling** | Electronic (AC/DC) |
| **Filtration Degree** | 20-50-100-130 micron |

| Filter count | Filter size | Manifold size | Flow |
|---|---|---|---|
| piece | inch | dn | m³/h |
| 2 | 3 | 100 | 80-85 |
| 3 | 3 | 100 | 80-85 |
| 4 | 3 | 125 | 120-130 |
| 5 | 3 | 150 | 160-170 |
| 6 | 3 | 150 | 200-210 |
| 7 | 3 | 200 | 240-250 |
| 8 | 3 | 200 | 280-300 |

## SAND MEDIA FILTER SYSTEMS WITH PLASTIC DISC FILTERS

| | |
|---|---|
| **Filter Material** | PA6GFR30 |
| **Disc Material** | PP |
| **Manifold Material** | Steel, Epoxy Polyester Paint |
| **Maximum Working Pressure** | 8 Bar (116 PSI) |
| **Minimum Working Pressure** | 1 Bar (15 PSI) / 2 Bar (29 PSI) |
| **Maximum Working Temperature** | 60 °C (140 °F) |
| **Back Flush Operation** | Pressure Differential |
| **Back Flush Controlling** | Manual |
| **Filtration Degree** | 20-50-100-130 micron |

| | |
|---|---|
| **Filter Material** | PA6GFR30 |
| **Disc Material** | PP |
| **Manifold Material** | Steel, Epoxy Polyester Paint |
| **Maximum Working Pressure** | 8 Bar (116 PSI) |
| **Minimum Working Pressure** | 1 Bar (15 PSI) / 2 Bar (29 PSI) |
| **Maximum Working Temperature** | 60 °C (140 °F) |
| **Back Flush Operation** | Time and Pressure |
| **Back Flush Controlling** | Electronic (AC/DC) |
| **Filtration Degree** | 20-2000 micron |

| Tank count | Tank size | Manifold size | Flow |
|---|---|---|---|
| piece | inch | inch | $m^3/h$ |
| 2 | 24-3 | 4 | 40 |
| 3 | 24-3 | 4 | 60 |
| 4 | 24-3 | 5 | 80 |
| 2 | 36-3 | 5 | 84 |
| 3 | 36-3 | 6 | 126 |
| 4 | 36-3 | 8 | 168 |
| 2 | 36-4 | 5 | 120 |
| 3 | 36-4 | 6 | 180 |
| 4 | 36-4 | 8 | 240 |