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# PRODUCT CATALOGUE



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# FRP Tank

- Inner layer HDPE Food Grade
- Fiberglass 600 te, stronger & better pressure
- Co efficient & safety factor
- 2,5” and 4” engineering plastic threaded main hole 6”
- Alluminium alloy flange



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# TANK SPECIFICATION

high durability and quality assurance

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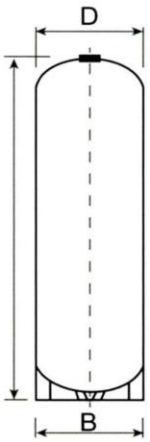
| No | Model | Nominal dimension | Opening | | Volume | | Base | Dimension | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Top | Bottom | litre | Gallon | | A (mm) | B (mm) | C (mm) | D (mm) |
| 1 | 05×17 | 130*432 | 2.5"-8NPSM | / | 4 | 0.1 | Standard | 437 | Φ136 | / | Φ130 |
| 2 | 05×20 | 130*508 | 2.5"-8NPSM | / | 4.7 | 0.2 | Standard | 513 | Φ136 | / | Φ130 |
| 3 | 06×13 | 150*330 | 2.5"-8NPSM | / | 4.9 | 1.3 | Standard | 335 | Φ161 | / | Φ155 |
| 4 | 06×17 | 150*432 | 2.5"-8NPSM | / | 6.7 | 1.8 | Standard | 437 | Φ161 | / | Φ155 |
| 5 | 06×35 | 150*890 | 2.5"-8NPSM | / | 15 | 4.0 | Standard | 896 | Φ161 | / | Φ155 |
| 6 | 07×13 | 180*330 | 2.5"-8NPSM | / | 6.3 | 1.7 | Standard | 335 | Φ188 | / | Φ180 |
| 7 | 07×17 | 180*432 | 2.5"-8NPSM | / | 8.6 | 2.3 | Standard | 437 | Φ188 | / | Φ180 |
| 8 | 07×35 | 180*890 | 2.5"-8NPSM | / | 20.1 | 5.3 | Standard | 895 | Φ188 | / | Φ180 |
| 9 | 07×44 | 180*1110 | 2.5"-8NPSM | / | 24.5 | 6.5 | Standard | 1125 | Φ188 | / | Φ180 |
| 10 | 08×13 | 200*330 | 2.5"-8NPSM | / | 8.5 | 2.2 | Standard | 335 | Φ216 | / | Φ207 |
| 11 | 08×17 | 200*432 | 2.5"-8NPSM | / | 10.9 | 2.9 | Standard | 437 | Φ216 | / | Φ207 |
| 12 | 08×24 | 200*610 | 2.5"-8NPSM | / | 15.9 | 4.2 | Standard | 616 | Φ216 | / | Φ207 |
| 13 | 08×35 | 200*890 | 2.5"-8NPSM | / | 25 | 6.6 | Standard | 895 | Φ216 | / | Φ207 |
| 14 | 08×44 | 200*1120 | 2.5"-8NPSM | / | 32.6 | 8.6 | Standard | 1125 | Φ216 | / | Φ207 |
| 15 | 09×17 | 230*432 | 2.5"-8NPSM | / | 13.8 | 3.6 | Standard | 437 | Φ240 | / | Φ231 |
| 16 | 09×35 | 230*890 | 2.5"-8NPSM | / | 32.1 | 8.5 | Standard | 895 | Φ240 | / | Φ232 |
| 17 | 09×42 | 230*1068 | 2.5"-8NPSM | / | 38.4 | 10.1 | Standard | 1073 | Φ240 | / | Φ233 |
| 18 | 09×48 | 230*1220 | 2.5"-8NPSM | / | 44.3 | 11.7 | Standard | 1225 | Φ240 | / | Φ231 |
| 19 | 10×17 | 250*432 | 2.5"-8NPSM | / | 16.7 | 4.4 | Standard | 437 | Φ266 | / | Φ258 |
| 20 | 10×19 | 250*484 | 2.5"-8NPSM | / | 19.3 | 5.1 | Standard | 488 | Φ266 | / | Φ258 |
| 21 | 10×24 | 250*610 | 2.5"-8NPSM | / | 25.2 | 6.7 | Standard | 616 | Φ266 | / | Φ258 |
| 22 | 10×35 | 250*890 | 2.5"-8NPSM | / | 39.4 | 10.4 | Standard | 895 | Φ266 | / | Φ258 |
| 23 | 10×44 | 250*1119 | 2.5"-8NPSM | / | 51 | 13.5 | Standard | 1124 | Φ266 | / | Φ258 |
| 24 | 10×54 | 250*1373 | 2.5"-8NPSM | / | 63.5 | 16.8 | Standard | 1378 | Φ266 | / | Φ258 |
| 25 | 12×48 | 300*1220 | 2.5"-8NPSM | / | 78.9 | 20.8 | Standard | 1230 | Φ318 | / | Φ307 |
| 26 | 12×52 | 300*1320 | 2.5"-8NPSM | / | 85.9 | 22.7 | Standard | 1330 | Φ318 | / | Φ307 |
| 27 | 12×65 | 300*1650 | 2.5"-8NPSM | / | 109.1 | 28.8 | Standard | 1660 | Φ318 | / | Φ307 |
| 28 | 13×44 | 330*1117 | 2.5"-8NPSM | / | 83.1 | 22.0 | Standard | 1127 | Φ343 | / | Φ334 |
| 29 | 13×54 | 330*1370 | 2.5"-8NPSM | / | 104.3 | 27.6 | Standard | 1380 | Φ343 | / | Φ334 |
| 30 | 14×52 | 350*1320 | 2.5"-8NPSM | / | 115.4 | 30.5 | Standard | 1325 | Φ369 | / | Φ359 |
| 31 | 14×52 | 350*1320 | 4"-8UN | / | 115.4 | 30.5 | Standard | 1325 | Φ369 | / | Φ359 |
| 32 | 14×65 | 350*1650 | 2.5"-8NPSM | / | 147 | 38.8 | Standard | 1655 | Φ369 | / | Φ359 |
| 33 | 14×65 | 350*1650 | 4"-8UN | / | 147 | 38.8 | Standard | 1655 | Φ369 | / | Φ359 |
| 34 | 14×65 | 350*1650 | 4"-8UN | 4"-8UN | 147 | 38.8 | Tripod | 1870 | Φ370 | 220 | Φ359 |
| 35 | 16×52 | 400*1320 | 2.5"-8NPSM | / | 150 | 39.6 | Standard | 1325 | Φ420 | / | Φ409 |
| 36 | 16×52 | 400*1320 | 4"-8UN | / | 150 | 39.6 | Standard | 1325 | Φ420 | / | Φ409 |
| 37 | 16×65 | 400*1650 | 2.5"-8NPSM | / | 191.3 | 50.5 | Standard | 1655 | Φ420 | / | Φ409 |
| 38 | 16×65 | 400*1650 | 4"-8UN | / | 191.3 | 50.5 | Standard | 1655 | Φ420 | / | Φ409 |
| 39 | 16×65 | 400*1650 | 4"-8UN | 4"-8UN | 191.3 | 50.5 | Tripod | 1870 | Φ420 | 220 | Φ409 |
| 40 | 18×36 | 450*914 | 4"-8UN | / | 124.9 | 33.0 | Round | 934 | Φ451 | / | Φ462 |
| 41 | 18×53 | 450*1346 | 4"-8UN | / | 193.6 | 51.1 | Round | 1366 | Φ451 | / | Φ462 |
| 42 | 18×65 | 450*1650 | 4"-8UN | / | 242.3 | 64.0 | Round | 1670 | Φ451 | / | Φ462 |
| 43 | 18×65 | 450*1650 | 4"-8UN | 4"-8UN | 242.3 | 64.0 | Tripod | 1873 | Φ480 | 223 | Φ462 |
| 44 | 20×69 | 500*1752 | 4"-8UN | / | 310.4 | 82.0 | Round | 1772 | Φ523 | / | Φ513 |
| 45 | 20×69 | 500*1752 | 4"-8UN | 4"-8UN | 310.4 | 82.0 | Tripod | 1997 | Φ535 | 245 | Φ513 |
| 46 | 21×36 | 550*915 | 4"-8UN | / | 168.2 | 44.4 | Round | 935 | Φ532 | / | Φ539 |
| 47 | 21×53 | 550*1346 | 4"-8UN | / | 262.4 | 69.3 | Round | 1366 | Φ532 | / | Φ539 |
| 48 | 21×62 | 550*1575 | 4"-8UN | / | 312.7 | 82.6 | Round | 1595 | Φ532 | / | Φ539 |
| 49 | 21×62 | 550*1575 | 4"-8UN | 4"-8UN | 312.7 | 82.6 | Tripod | 1823 | Φ555 | 248 | Φ539 |
| 50 | 24×65 | 600*1650 | 4"-8UN | / | 426.5 | 112.7 | Round | 1670 | Φ612 | / | Φ613 |

# TANK SPECIFICATION

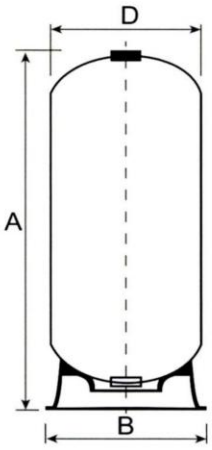
high durability and quality assurance

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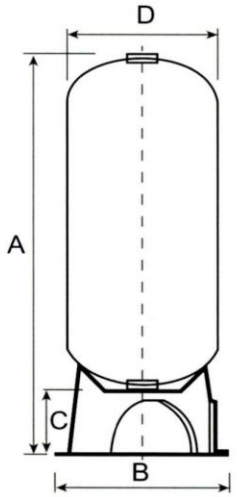
| No | Model | Nominal dimension | Opening | | Volume | | Base | Dimension | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Top | Bottom | Litre | Gallon | | A (mm) | B (mm) | C (mm) | D (mm) |
| 51 | 24×65 | 600*1650 | 4"-8UN | 4"-8UN | 426.5 | 112.7 | Tripod | 1898 | Φ610 | 248 | Φ613 |
| 52 | 24×72 | 600*1830 | 4"-8UN | / | 477.5 | 126.2 | Round | 1850 | Φ612 | / | Φ613 |
| 53 | 24×72 | 600*1830 | 4"-8UN | 4"-8UN | 477.5 | 126.2 | Tripod | 2080 | Φ610 | 248 | Φ613 |
| 54 | 30×65 | 750*1650 | 4"-8UN | / | 645.7 | 170.6 | Round | 1700 | Φ762 | / | Φ766 |
| 55 | 30×65 | 750*1650 | 4"-8UN | 4"-8UN | 645.7 | 170.6 | Tripod | 1880 | Φ762 | 228 | Φ766 |
| 56 | 30×72 | 750*1830 | 4"-8UN | / | 725.9 | 191.8 | Round | 1880 | Φ762 | / | Φ766 |
| 57 | 30×72 | 750*1830 | 4"-8UN | 4"-8UN | 725.9 | 191.8 | Tripod | 2078 | Φ762 | 228 | Φ766 |
| 58 | 30×72 | 750*1980 | 6"-FLG | 6"-FLG | 736.2 | 194.5 | Tripod | 2245 | Φ815 | 265 | Φ770 |
| 59 | 36×65 | 900*1650 | 4"-8UN | / | 914.6 | 241.6 | Round | 1700 | Φ910 | / | Φ919 |
| 60 | 36×65 | 900*1650 | 4"-8UN | 4"-8UN | 914.6 | 241.6 | Tripod | 1879 | Φ900 | 228 | Φ919 |
| 61 | 36×72 | 900*1830 | 4"-8UN | / | 1030.2 | 272.2 | Round | 1880 | Φ910 | / | Φ919 |
| 62 | 36×72 | 900*1830 | 4"-8UN | 4"-8UN | 1030.2 | 272.2 | Tripod | 2058 | Φ900 | 228 | Φ919 |
| 63 | 36×72 | 900*1980 | 6"-FLG | 6"-FLG | 1045.2 | 276.1 | Tripod | 2240 | Φ920 | 257 | Φ920 |
| 64 | 40×65 | 1000*1650 | 4"-8UN | 4"-8UN | 1148.8 | 303.5 | Tripod | 1980 | Φ1010 | 329 | Φ1010 |
| 65 | 40×65 | 1000*1800 | 6"-FLG | 6"-FLG | 1139.9 | 301.2 | Tripod | 2060 | Φ1010 | 262 | Φ1010 |
| 66 | 40×79 | 1000*2006 | 4"-8UN | 4"-8UN | 1338.3 | 353.6 | Tripod | 2335 | Φ1010 | 329 | Φ1010 |
| 67 | 40×79 | 1000*2156 | 6"-FLG | 6"-FLG | 1328.4 | 351.0 | Tripod | 2418 | Φ1010 | 262 | Φ1010 |
| 68 | 42×72 | 1100*1830 | 6"-FLG | 6"-FLG | 1431.2 | 378.1 | Tripod | 2093 | Φ1070 | 263 | Φ1080 |
| 69 | 48×72 | 1200*1830 | 6"-FLG | 6"-FLG | 1786.2 | 471.9 | Tripod | 2121 | Φ1200 | 291 | Φ1220 |
| 70 | 60×79 | 1500*2007 | 6"-FLG | 6"-FLG | 3086.3 | 815.4 | Tripod | 2300 | Φ1500 | 294 | Φ1512 |
| 71 | 63×67 | 1600*1702 | 6"-FLG | 6"-FLG | 2629.8 | 694.8 | Tripod | 1996 | Φ1620 | 294 | Φ1604 |
| 72 | 63×86 | 1600*2184 | 6"-FLG | 6"-FLG | 3424.5 | 904.8 | Tripod | 2478 | Φ1620 | 294 | Φ1604 |
| 73 | 72×79 | 1800*2007 | 6"-FLG | 6"-FLG | 4819.4 | 1273.3 | Tripod | 2300 | Φ1800 | 294 | Φ1856 |
| 74 | 80×79 | 2000*2007 | 6"-FLG | 6"-FLG | 4819.4 | 1273.3 | Tripod | 2300 | Φ2000 | 294 | Φ2036 |



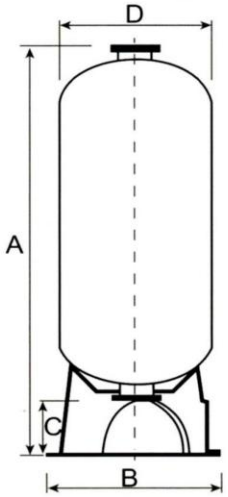

8"-16"
2.5" 8-NPSM
Standard base




18"-36"
2.5" 8-NPSM
Round base




14"-40"
4"-8UN
Tripod base




30"-80"
6" - FLG

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# PRESSURE VESSEL



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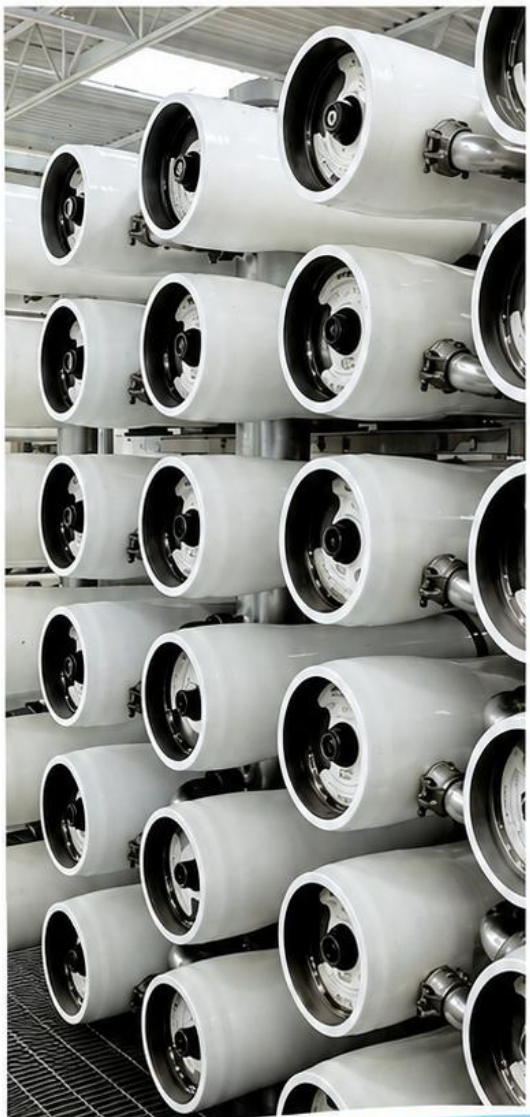
# Pressure Vessel

## STAINLESS STEEL PRESSURE VESSEL



- Complete series : 2.5", 4" and 8"
- Material stainless steel 304 and 316 are available
- Both end port and side port are available
- Seamless housing and with seam housing for option
- Maximum operating pressure 300 PSI (17 Bar)
- Not affected by UV rays or sunlight
- Can withstand high temperature, up to 200° F
- Capable of supporting process piping
- Designed for direct connection to most styles of RO element

## FRP PRESSURE VESSEL



- FRP Pressure Vessel is the membrane housing made in FRP material, including 8", 4", 2.5" series, available as End port and Side port.
- Popular used in Electron, Electric Power, Metallurgy, Chemical, Food & Drinking Water.
- Desalination, waste water treatment and so on.
- Available pressure: 300 PSI, 450 PSI, 600 PSI, 800 PSI, 1000 PSI and 1200 PSI.
- Applicable to most standard membranes, such as DOW, Hydranautics, Filmtec, GE Osmonics, CSM, Toray, IGNE, Lewabrane.

## TANK SPECIFICATIONS

| Material | Pressure Type | Type | Size | Element |
|---|---|---|---|---|
| FRP | 300 | End Port | 2.5" | 1 |
| SS 304 | 450 | Side Port | 4" | 2 |
| SS 316 | 600 | Multi Port | 8" | 3 |
| | 1000 | | | 4 |
| | 1200 | | | 5 |
| | | | | 6 |

## SPECIFICATION



- High strength & light weight
- Non-corrosive / low maintenance
- Electrically non-conductive
- Easy to assemble and erect
- Attractive appearance

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# MEMBRANE




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# Advanced Brackish Water RO Membrane

## High Rejection | High Flow

Delivering industry-leading performance for demanding water treatment applications, this membrane element combines superior salt rejection and high permeate flow to ensure long-term reliability and efficiency in brackish water reverse osmosis systems.

| Product | Active Area ft² (m²) | Feed Spacer (mill) | Permeate Flow gpd (m³/day) | Salt Rejection (%) |
|---|---|---|---|---|
| **AirKu BW80-400** | 400 (37) | 28 | 11.000 (42) | 99.7 % (99.6% minimum) |
| **AirKu BW80-400-34** | 400 (37) | 34 | 11.000 (42) | 99.7 % (99.6% minimum) |
| **AirKu BW40-4040** | 94 (8.7) | 28 | 2700 (10.2) | 99.7 % (99.6% minimum) |
| **AirKu BW40-4040 MAX** | 94 (8.7) | 28 | 3200 (12.1) | 99.7 % (99.6% minimum) |

## Performance Test Condition

| | |
|---|---|
| NaCl solution | 1500 ppm |
| Applied Pressure | 225 psig (15.5 Bar) |
| Operating Temperature | 25° F (77° F) |
| Permeate Recovery | 15% |
| Range | 6.5 - 7.0 |



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# HOUSING CARTRIDGE




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# Cartridge Filter

AirKu Filtration Cartridges are constructed of thermally bonded polypropylene microfibers to ensure high efficiency throughput for longer filtration life.

### Thermally Bonded Polypropylene Micro-Fiber Construction

**Material**

Polypropylene is a widely used polymer in filtration due to its chemical resistance, durability, and ability to be engineered for specific filtration needs.

**Thermal Bonding**

This manufacturing process involves using heat to bond the fibers together, creating a strong, uniform structure without the need for adhesives. This results in a consistent pore size and improved filtration efficiency.

**Micro-Fiber**

The use of micro-fibers increases the surface area of the filter media, enhancing its ability to capture fine particles and contaminants.

## FEATURES/BENEFITS

- **Higher Filtration Efficiency**
- **Consistent Flow Rate**
- **Superior Filtration Performance**
- **Will Not Impart Taste, Odor, or Color to Water**
- **Ideal for a Wide Variety of Industrial Filtration**



**Meltblown**

| | |
|---|---|
| 20 "<br>30 "<br>40 " | 1,5 &<br>10 micron |



**Industrial Wound Depth Filter Cartridges**

| | |
|---|---|
| 20 "<br>40 " | 1 & 5 micron |



**Cotton Wound Depth Filter Cartridges**

| | |
|---|---|
| 20 "<br>40 " | 0,45 micron<br>0,22 micron |



**Fibreglass String Wound Depth Filter Cartridges**

| | |
|---|---|
| 20 "<br>30 "<br>40 " | 1,5 &<br>10 micron |



**Bonded Cartridges**

| | |
|---|---|
| 20 "<br>40 " | 1 & 5 micron |



**Stainless Steel Filter Cartridges**

| | |
|---|---|
| 20 "<br>40 " | 0,45 micron<br>0,22 micron |

# Cartridge Specifications

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## PF Series :

| MODEL | MAXIMUM DIMENSIONS | NOMINAL MICRON RATING |
|---|---|---|
| PF-1001 | 2.38" x 10" (62mm x 254 mm) | 1 Micron |
| PF-2001 | 2.38" x 20" (62mm x 508 mm) | 1 Micron |
| PF-3001 | 2.38" x 30" (62mm x 762 mm) | 1 Micron |
| PF-4001 | 2.38" x 40" (62mm x 1016 mm) | 1 Micron |
| PF-1003 | 2.38" x 10" (62mm x 254 mm) | 3 Micron |
| PF-2003 | 2.38" x 20" (62mm x 508 mm) | 3 Micron |
| PF-3003 | 2.38" x 30" (62mm x 762 mm) | 3 Micron |
| PF-4003 | 2.38" x 40" (62mm x 1016 mm) | 3 Micron |
| PF-1005 | 2.38" x 10" (62mm x 254 mm) | 5 Micron |
| PF-2005 | 2.38" x 20" (62mm x 508 mm) | 5 Micron |
| PF-3005 | 2.38" x 30" (62mm x 762 mm) | 5 Micron |
| PF-4005 | 2.38" x 40" (62mm x 1016 mm) | 5 Micron |
| PF-1010 | 2.38" x 10" (62mm x 254 mm) | 10 Micron |
| PF-2010 | 2.38" x 20" (62mm x 508 mm) | 10 Micron |
| PF-3010 | 2.38" x 30" (62mm x 762 mm) | 10 Micron |
| PF-4010 | 2.38" x 40" (62mm x 1016 mm) | 10 Micron |
| PF-4020 | 2.38" x 40" (62mm x 1016 mm) | 20 Micron |
| PF-4025 | 2.38" x 40" (62mm x 1016 mm) | 25 Micron |

Temperature Rating – 40 – 175° F (4.4 – 79.4° C)

## NF Series :

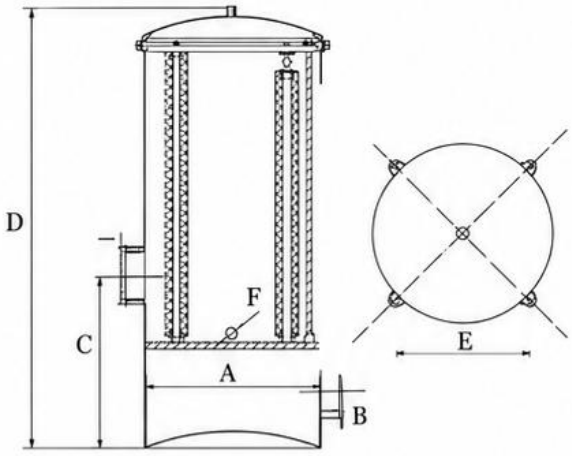
| MODEL | MAXIMUM DIMENSIONS | NOMINAL MICRON RATING |
|---|---|---|
| NF-1001 | 2.59" x 10" (66mm x 254 mm) | 1 Micron |
| NF-2001 | 2.59" x 20" (66mm x 508 mm) | 1 Micron |
| NF-3001 | 2.59" x 30" (66mm x 762 mm) | 1 Micron |
| NF-4001 | 2.59" x 40" (66mm x 1016 mm) | 1 Micron |
| NF-1003 | 2.59" x 10" (66mm x 254 mm) | 3 Micron |
| NF-2003 | 2.59" x 20" (66mm x 508 mm) | 3 Micron |
| NF-3003 | 2.59" x 30" (66mm x 762 mm) | 3 Micron |
| NF-4003 | 2.59" x 40" (66mm x 1016 mm) | 3 Micron |
| NF-1005 | 2.59" x 10" (66mm x 254 mm) | 5 Micron |
| NF-2005 | 2.59" x 20" (66mm x 508 mm) | 5 Micron |
| NF-3005 | 2.59" x 30" (66mm x 762 mm) | 5 Micron |
| NF-4005 | 2.59" x 40" (66mm x 1016 mm) | 5 Micron |
| NF-1010 | 2.59" x 10" (66mm x 254 mm) | 10 Micron |
| NF-2010 | 2.59" x 20" (66mm x 508 mm) | 10 Micron |
| NF-3010 | 2.59" x 30" (66mm x 762 mm) | 10 Micron |
| NF-4010 | 2.59" x 40" (66mm x 1016 mm) | 10 Micron |
| NF-4020 | 2.59" x 40" (66mm x 1016 mm) | 20 Micron |
| NF-4025 | 2.59" x 40" (66mm x 1016 mm) | 25 Micron |

Temperature Rating – 40 – 175° F (4.4 – 79.4° C)

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# TC - CLAMP MODEL

## TC - Clamp Cartridge Filter Housing







| TYPE | A | B | C | D | E | F | I | J |
|---|---|---|---|---|---|---|---|---|
| 3 x 20" | Ø165 | 50 | 190 | 670 | 135 | 1/2" | 1" | 1" |
| 5 x 20" | Ø200 | 50 | 190 | 670 | 161 | 1/2" | 1.5" | 1.5" |
| 5 x 30" | Ø200 | 50 | 190 | 915 | 161 | 1/2" | 1.5" | 1.5" |
| 5 x 40" | Ø200 | 50 | 190 | 1200 | 161 | 1/2" | 1.5" | 1.5" |
| 7 x 20" | Ø230 | 80 | 350 | 745 | 182 | 1/2" | 1.5" | 1.5" |
| 7 x 30" | Ø230 | 80 | 350 | 990 | 182 | 1/2" | 1.5" | 1.5" |
| 7 x 40" | Ø230 | 80 | 350 | 1275 | 182 | 1/2" | 1.5" | 1.5" |
| 10 x 20" | Ø303 | 90 | 350 | 790 | 234 | 1/2" | 2" | 2" |
| 10 x 30" | Ø303 | 90 | 350 | 1040 | 234 | 1/2" | 2" | 2" |
| 10 x 40" | Ø303 | 90 | 350 | 1300 | 234 | 1/2" | 2" | 2" |

### High Flow Cartridge Filter Housing :

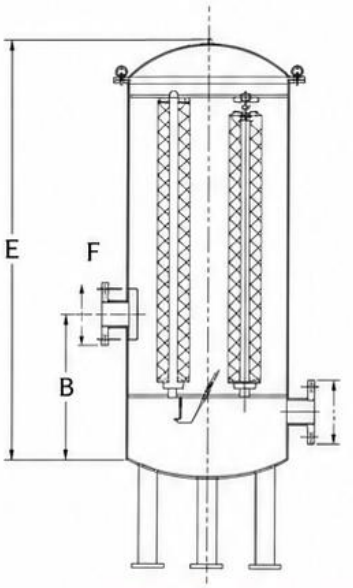
- HFC-20-0
- HFC-20-05
- HFC-20-10
- HFC-40-01
- HFC-40-05

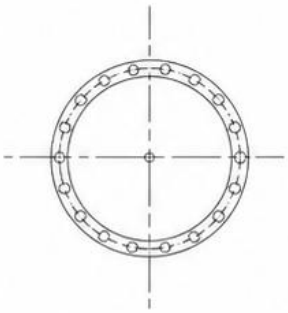


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# QUICK OPEN FLANGE

## Quick Open Flange Cartridge Filter Housing






| TYPE | ELEMENT | A | B | C | D | E | F | I | J |
|---|---|---|---|---|---|---|---|---|---|
| 10 x 40" | 10 | Ø300 | 350 | 150 | 360 | 1350 | 2" | 2" | 1/2" |
| 15 x 40" | 15 | Ø350 | 350 | 150 | 410 | 1400 | 2" | 2" | 1/2" |
| 20 x 40" | 19 | Ø400 | 350 | 150 | 460 | 1440 | DN50 | DN50 | 1/2" |
| 25 x 40" | 25 | Ø450 | 350 | 150 | 510 | 1445 | DN65 | DN65 | 1/2" |
| 30 x 40" | 30 | Ø500 | 450 | 150 | 560 | 1447 | DN80 | DN80 | 1/2" |
| 35 x 40" | 36 | Ø550 | 450 | 150 | 610 | 1490 | DN80 | DN80 | 1/2" |
| 40 x 40" | 40 | Ø600 | 450 | 150 | 660 | 1570 | DN100 | DN100 | 1/2" |
| 50 x 40" | 50 | Ø650 | 450 | 150 | 710 | 1580 | DN100 | DN100 | 1/2" |
| 60 x 40" | 60 | Ø700 | 450 | 150 | 760 | 1590 | DN100 | DN100 | 1/2" |
| 75 x 40" | 75 | Ø750 | 450 | 150 | 810 | 1610 | DN100 | DN100 | 1/2" |
| 80 x 40" | 80 | Ø800 | 450 | 150 | 860 | 1630 | DN100 | DN100 | 1/2" |
| 90 x 40" | 90 | Ø850 | 450 | 200 | 910 | 1700 | DN100 | DN100 | 1/2" |
| 100 x 40" | 100 | Ø1000 | 450 | 200 | 1060 | 1700 | DN100 | DN100 | 1/2" |

## MULTI PORT VALVE

| TYPE | BASE | IN / OUT | RISER |
|---|---|---|---|
| F56 A | 2,5" | 1" | 3/4" |
| F56 D | 4" | 2" | 1,5" |
| F56 D1 | 4" | 2" | 1.5" |


Side - Mounted


Top - Mounted


Connector for Side - Mounted


F56E3

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LEWATIT® ION EXCHANGE RESINS

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# Strong Acid Cation Exchange Resins

## Lewatit® C249

| | |
|---|---|
| Product Matrix | Styrene/DVB gel |
| Iconic Form | Na+ |
| Bead Size (mm) (hd) | HD: 0.4-1.25 |
| Total Capacity (eq/l) min. | 2.0 |
| Volume Change (%) max. | 10 (Na° → H°) |
| Water Retention (%) | 45-48 |
| Applications | Water treatment, demineralization |




## Lewatit® MonoPlus S108

| | |
|---|---|
| Product Matrix | Styrene/DVB gel |
| Iconic Form | Na+ |
| Bead Size (mm) (hd) | MD: 0.62 (+/- 0.05) |
| Total Capacity (eq/l) min. | 2.2 |
| Volume Change (%) max. | 10 (Na° → H°) |
| Water Retention (%) | 41-46 |
| Applications | Demineralization |




## Lewatit® MonoPlus M500

| | |
|---|---|
| Product Matrix | Styrene/DVB gel |
| Iconic Form | Cl- |
| Bead Size (mm) (hd) | HD: 0.62 (0.05) |
| Total Capacity (eq/l) min. | 1.3 |
| Volume Change (%) max. | 1,3 (OH° → Cl°) |
| Water Retention (%) | 48-5 |
| Applications | Demineralization |



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# UV LAMP

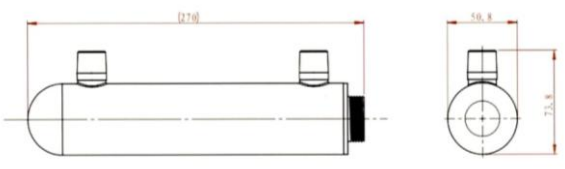
## DISINFECTION TECHNOLOGY



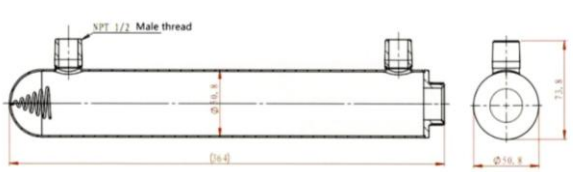
| UV Model | BIO-A | BIO-A |
|---|---|---|
| Flow rate | 1GPM | 2GPM |
| Lamp Wattage | 11W/ea | 14W/ea |
| Lamp Life | 9000-12000Hours | 9000-12000Hours |
| Lamp Brand | Heraeus | Heraeus |
| Lamp Qty | 1PCS | 1PCS |
| Power Supply | 220V 50Hz | 220V 50Hz |
| UV Chamber Size | 270mm*50.8mm*73.8mm | 364mm*50.8mm*73.8mm |
| Inlet/Outlet Size | 1/2” Male NPT | 1/2” Male NPT |
| Material of UV Chamber | SS304 | SS304 |
| Water Temperature | 5°C-40°C | 5°C-40°C |
| Working Pressure | 0-0.8Mpa | 0-0.8Mpa |

| Operating Environment | Indoor Us | Indoor Us |
|---|---|---|
| Ambient Temperature | 5°C-40°C | 5°C-40°C |
| Ambient Humidity | <80% | <80% |

Drawing of UV Chamber

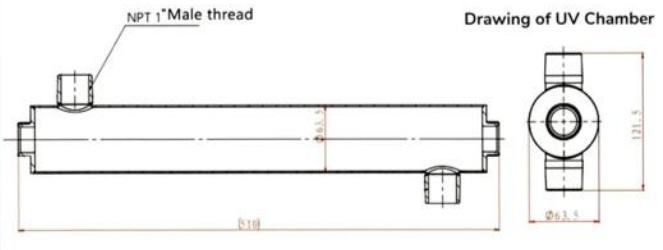


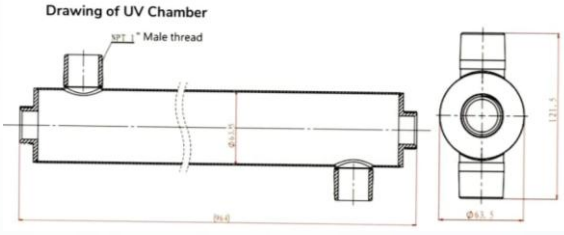
Drawing of UV Chamber



| UV Model | BIO-C | BIO-D |
|---|---|---|
| Flow rate | 6GPM | 12GPM |
| Lamp Wattage | 21W/ea | 39W/ea |
| Lamp Life | 9000-12000Hours | 9000-12000Hours |
| Lamp Brand | Heraeus | Heraeus |
| Lamp Qty | 1PCS | 1PCS |
| Power Supply | 220V 50Hz | 220V 50Hz |
| UV Chamber Size | 510mm*63.5mm*121.5mm | 964mm*63.5mm*121.5mm |
| Inlet/Outlet Size | 1” Male NPT | 1” Male NPT |
| Material of UV Chamber | SS304 | SS304 |
| Water Temperature | 5°C-40°C | 5°C-40°C |
| Working Pressure | 0-0.8Mpa | 0-0.8Mpa |

| Operating Environment | Indoor Us | Indoor Us |
|---|---|---|
| Ambient Temperature | 5°C-40°C | 5°C-40°C |
| Ambient Humidity | <80% | <80% |



| UV Model | BIO-E |
|---|---|
| Flow rate | 6GPM |
| Lamp Wattage | 80W/ea |
| Lamp Life | 9000-12000Hours |
| Lamp Brand | Heraeus |
| Lamp Qty | 1PCS |
| Power Supply | 220V 50Hz |
| UV Chamber Size | 964mm*76.2mm*132.2mm |
| Inlet/Outlet Size | 1” Male NPT |
| Material of UV Chamber | SS304 |
| Water Temperature | 5°C-40°C |
| Working Pressure | 0-0.8Mpa |

| Operating Environment | Indoor Us |
|---|---|
| Ambient Temperature | 5°C-40°C |
| Ambient Humidity | <80% |

