

# TM

## Multi Filter Cartridge Housing

|                  |        |
|------------------|--------|
| Design P.        | 150psi |
| Design T.        | 100    |
| Max Operating P. | 150psi |
| Operating T.     | 75     |

## Features

1. Large filter housing available with 8~263 filter cartridge.
2. Swing-bolt type contributes to tightly closure without tool.
3. Well O-ring groove design improves sealing and prevents loosening.
4. One well design pedestal is available with both DOE and SOE cartridge specification.
5. Flip type cover is available for 8~12 cartridges.
6. Davit type cover is available for up to 13 cartridges in consideration of safety.



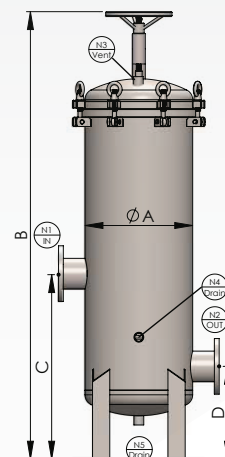
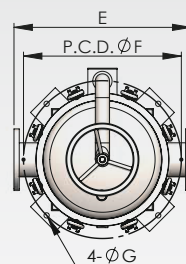
## Applications

|                                          |                           |
|------------------------------------------|---------------------------|
| Chemicals                                | RO Pre-filtration process |
| Petrochemical                            | Water filtration          |
| Beverage Industry                        | Pharmaceutical            |
| Liquor manufacture                       | Experiment Process        |
| Food industry                            | Gas Filter                |
| Electroplating Industry                  | Sewage treatment          |
| High temperature manufacturing processes | Electronic Industry       |



# TM Ordering Guide

| TM    | 20                      | 3              | 4                         | F                       | 3                                                                | 10K                                                                                   | E                                                                 | EA                                                                      |
|-------|-------------------------|----------------|---------------------------|-------------------------|------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------|
| Model | No. of Filter Cartridge | Length         | Material                  | Adapter                 | Connection Size                                                  | Connection Type                                                                       | O-ring                                                            | Outside / Inside Finishes                                               |
| TM    | 8-263                   | 3-30"<br>4-40" | 4-304<br>6-316<br>6L-316L | F-DOE<br>5-222<br>7-226 | 2-2"<br>3-3"<br>4-4"<br>5-5"<br>6-6"<br>8-8"<br>10-10"<br>12-12" | 150P-ANSI<br>10K-JIS<br>PN10-DIN<br>C-CLAMP<br>PF-PTF<br>NF-NPTF<br>PM-PTM<br>NM-NPTM | E-EPDM<br>N-NBR<br>V-VITON<br>S-Silicon<br>TS-TEFLON<br>+ SILICON | A-ACID-Pickling<br>E- Eletropolishing<br>P-Polishing<br>S-Sand Blasting |



## TM Specifications

| Model     | Length of Cartridge | N1/N2    | N4/N5      | B m/m | C m/m | D m/m | E m/m | F (PCD) m/m | M3/Hr | Weight  | GPM       | Weight | Volume |
|-----------|---------------------|----------|------------|-------|-------|-------|-------|-------------|-------|---------|-----------|--------|--------|
| TM8~12    | 30"                 | 2"~4"F   | 1"PT-F     | Ø306  | 1638  | 700   | 350   | 506         | Ø416  | 24~36   | 120~180   | 77kg   | 89L    |
| TM8~12    | 40"                 | 2"~4"F   | 1"PT-F     | Ø306  | 1888  | 700   | 350   | 506         | Ø416  | 32~     | 160~240   | 85kg   | 107L   |
| TM13~20   | 30"                 | 2"~4"F   | 1"PT-F     | Ø406  | 1694  | 700   | 350   | 606         | Ø516  | 48      | 195~300   | 105kg  | 165L   |
| TM13~20   | 40"                 | 2"~4"F   | 1"PT-F     | Ø406  | 1944  | 700   | 350   | 606         | Ø516  | 39~60   | 260~400   | 125kg  | 198L   |
| TM21~35   | 30"                 | 3"~4"F   | 1"PT-F     | Ø508  | 1709  | 700   | 350   | 708         | Ø618  | 52~80   | 315~420   | 150kg  | 327L   |
| TM21~35   | 40"                 | 3"~4"F   | 1"PT-F     | Ø508  | 1959  | 700   | 350   | 686         | Ø618  | 63~84   | 420~560   | 195kg  | 389L   |
| TM36~40   | 30"                 | 3"~4"F   | 1"PT-F     | Ø560  | 1726  | 700   | 350   | 760         | Ø704  | 84~112  | 435~540   | 190kg  | 327L   |
| TM36~40   | 40"                 | 3"~4"F   | 1"PT-F     | Ø560  | 1976  | 700   | 350   | 760         | Ø704  | 87~108  | 580~720   | 225kg  | 389L   |
| TM41~52   | 30"                 | 4"~6"F   | 1"PT-F     | Ø600  | 1822  | 800   | 400   | 800         | Ø744  | 116~138 | 555~690   | 200kg  | 401L   |
| TM41~52   | 40"                 | 4"~6"F   | 1"PT-F     | Ø600  | 2072  | 800   | 400   | 800         | Ø744  | 111~138 | 740~920   | 230kg  | 460L   |
| TM53~57   | 30"                 | 4"~6"F   | 1"PT-F     | Ø650  | 1880  | 850   | 450   | 850         | Ø794  | 148~184 | 705~840   | 242kg  | 484L   |
| TM53~57   | 40"                 | 4"~6"F   | 1"PT-F     | Ø650  | 2130  | 850   | 450   | 850         | Ø794  | 141~168 | 940~1120  | 280kg  | 567L   |
| TM58~82   | 30"                 | 4"~6"F   | 1 1/2"PT-F | Ø762  | 2080  | 950   | 500   | 962         | Ø962  | 188~224 | 855~1215  | 365kg  | 665L   |
| TM58~82   | 40"                 | 4"~6"F   | 1 1/2"PT-F | Ø762  | 2330  | 950   | 500   | 962         | Ø962  | 171~243 | 1140~1620 | 408kg  | 802L   |
| TM83~117  | 30"                 | 6"~8"F   | 2"PT-F     | Ø900  | 2233  | 1000  | 550   | 1100        | Ø1100 | 228~324 | 1230~1425 | 687kg  | 1042L  |
| TM83~117  | 40"                 | 6"~8"F   | 2"PT-F     | Ø900  | 2483  | 1000  | 550   | 1100        | Ø1100 | 246~285 | 1640~1900 | 715kg  | 1201L  |
| TM118~146 | 30"                 | 6"~8"F   | 2"PT-F     | Ø1000 | 2307  | 1100  | 600   | 1200        | Ø910  | 328~380 | 1440~2025 | 791kg  | 1350L  |
| TM118~146 | 40"                 | 6"~8"F   | 2"PT-F     | Ø1000 | 2557  | 1100  | 600   | 1200        | Ø910  | 288~405 | 1920~2700 | 832kg  | 1546L  |
| TM147~185 | 30"                 | 10"~12"F | 2"PT-F     | Ø1100 | 2442  | 1250  | 650   | 1300        | Ø1010 | 408~465 | 2040~2325 | 1046kg | 1580L  |
| TM147~185 | 40"                 | 10"~12"F | 2"PT-F     | Ø1100 | 2692  | 1250  | 650   | 1300        | Ø1010 | 544~620 | 2720~3100 | 1102kg | 1817L  |
| TM186~220 | 30"                 | 10"~12"F | 2"PT-F     | Ø1220 | 2465  | 1250  | 650   | 1400        | Ø1130 | 468~692 | 2340~2595 | 1188kg | 1955L  |
| TM186~220 | 40"                 | 10"~12"F | 2"PT-F     | Ø1220 | 2715  | 1250  | 650   | 1400        | Ø1130 | 624~692 | 3120~3460 | 1247kg | 2238L  |