

# TL

## Clamp Type Filter Cartridge Housing

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

## Features

1. 2~7 Filter cartridges for low pressure water filter.
2. Clamp type closure with SUS301 surface layer allows for 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.



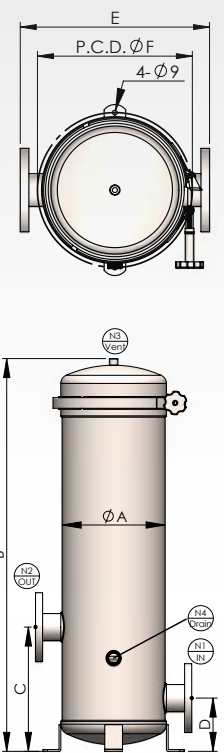
## Applications

|  |                           |
|--|---------------------------|
| 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       |



# TL Ordering Guide

| TL    | 7                       | 2      | 4        | F       | 2               | PF              | E                   | EA                        |
|-------|-------------------------|--------|----------|---------|-----------------|-----------------|---------------------|---------------------------|
| Model | No. of Filter Cartridge | Length | Material | Adapter | Connection Size | Connection Type | O-ring              | Outside / Inside Finishes |
| TL    | 3                       | 1-10"  | 4-304    | F-DOE   | 21-1/2"         | 150P-ANSI       | E-EPDM              | A-ACID-Pickling           |
|       | 4                       | 2-20"  | 6-316    | 5-222   | 43-3/4"         | 10K-JIS         | N-NBR               | E- Eletropolishing        |
|       | 5                       | 3-30"  | 6L-316L  | 7-226   | 1-1"            | PN10-DIN        | V-VITON             | P-Polishing               |
|       | 6                       | 4-40"  |          |         | 121-1-1/2"      | C-CLAMP         | S-Silicon           |                           |
|       | 7                       |        |          |         | 2-2"            | PF-PTF          | TS-TEFLON + SILICON |                           |
|       |                         |        |          |         | 221-2-1/2"      | NF-NPTF         |                     |                           |
|       |                         |        |          |         | 3-3"            | PM-PTM          |                     |                           |
|       |                         |        |          |         | 4-4"            | NM-NPTM         |                     |                           |



## TL Specifications

| Model | Length of Cartridge | A m/m | B m/m | C m/m | D m/m | E m/m | F (PCD) m/m | M3/Hr | GPM     | Weight | Volume |
|-------|---------------------|-------|-------|-------|-------|-------|-------------|-------|---------|--------|--------|
| TL3~4 | 10"                 | Ø180  | 620   | 280   | 120   | 300   | Ø236        | 3~4   | 15~20   | 15kg   | 14L    |
| TL3~4 | 20"                 | Ø180  | 885   | 280   | 120   | 300   | Ø236        | 8~6   | 30~40   | 18kg   | 21L    |
| TL3~4 | 30"                 | Ø180  | 1140  | 280   | 120   | 300   | Ø236        | 9~12  | 45~60   | 20kg   | 28L    |
| TL5~7 | 10"                 | Ø232  | 620   | 280   | 120   | 352   | Ø288        | 5~7   | 25~35   | 21kg   | 23L    |
| TL5~7 | 20"                 | Ø232  | 885   | 280   | 120   | 352   | Ø288        | 10~14 | 50~70   | 25kg   | 34L    |
| TL5~7 | 30"                 | Ø232  | 1140  | 280   | 120   | 352   | Ø288        | 15~21 | 75~105  | 28kg   | 45L    |
| TL5~7 | 40"                 | Ø232  | 1395  | 280   | 120   | 352   | Ø288        | 20~28 | 100~140 | 31kg   | 55L    |