



**TORO**

**YAMIT**  
FILTRATION

# MANUAL ANGLE SCREEN FILTERS SERIES YF100



## APPLICATIONS

- Primary angle filter for good water quality
- Secondary filtration after primary filter (control filter)

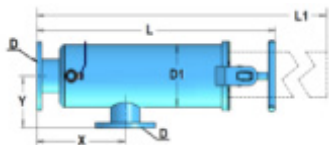
## UNIQUE FEATURES AND BENEFITS

- Screen constructed of 316 stainless steel supported by a PVC cylinder
- Easy to dis-assemble by twisting open the T-Handle Cover (without tools)
- Includes a drain valve to release pressure before dis-assembly

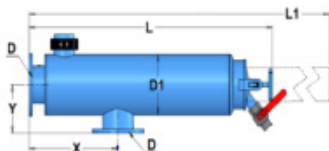
## OPERATION

The filters are designed and built in accordance with the principle of water flow through the cylinder screen openings while solid particles are trapped by the screen. These particles can be easily removed by opening the cover and washing the screen manually. The drain valve is used for releasing pressure before opening for maintenance.

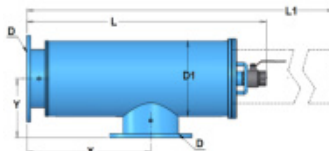
### Model YF115 - YF140



### Model YF160



### Model YF180 - YF110



## STANDARD CHARACTERISTICS

- Filter element: Stainless steel screen AISI 316, supported by a PVC cylinder
- Available filtration grades: 40 to 200 mesh screens
- Filter housing construction material: Carbon steel ST37.2
- Pre-treatment: Sand blasting up to Sa 2.5 grade
- Exterior and interior coating: Electrostatic oven baked polyester-epoxy powder coating with a thickness of 150-200 microns
- Connections: Victaulic, threaded, and flange
- Maximum pressure: 145 psi
- Maximum recommended working pressure: 116 psi

| Model | In/Out<br>ØD<br>(in) | ØD1<br>(in) | X<br>(mm) | X<br>(in) | Y<br>(mm) | Y<br>(in) | L<br>(mm) | L<br>(in) | L1<br>(mm) | L1<br>(in) | Shipping<br>Weight<br>(kg) | Shipping<br>Weight<br>(lb) | Maximum<br>Flow Rate<br>(m³/h) | Maximum<br>Flow Rate<br>(gpm) |
|-------|----------------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|----------------------------|----------------------------|--------------------------------|-------------------------------|
| YF115 | 1.5                  | 4           | 220       | 8.7       | 97        | 3.8       | 455       | 17.9      | 600        | 23.6       | 8.6                        | 19                         | 20                             | 88                            |
| YF120 | 2                    | 6           | 230       | 9.1       | 130       | 5.1       | 469       | 18.5      | 600        | 23.6       | 16.1                       | 36                         | 25                             | 110                           |
| YF122 | 2                    | 6           | 255       | 10.0      | 130       | 5.1       | 719       | 28.3      | 1,085      | 42.7       | 21.8                       | 48                         | 35                             | 154                           |
| YF130 | 3                    | 6           | 270       | 10.6      | 140       | 5.5       | 729       | 28.7      | 1,130      | 44.5       | 27.7                       | 61                         | 50                             | 220                           |
| YF140 | 4                    | 8           | 325       | 12.8      | 190       | 7.5       | 855       | 33.7      | 1,330      | 52.4       | 38.0                       | 84                         | 90                             | 396                           |
| YF160 | 6                    | 10          | 480       | 18.9      | 217       | 8.5       | 1,313     | 51.7      | 2,250      | 88.6       | 76.0                       | 168                        | 220                            | 969                           |
| YF180 | 8                    | 12          | 500       | 19.7      | 262       | 10.3      | 1,104     | 43.5      | 1,785      | 70.3       | 99.0                       | 218                        | 360                            | 1,585                         |
| YF110 | 10                   | 14          | 610       | 24.0      | 278       | 10.9      | 1,179     | 46.4      | 1,950      | 76.8       | 115.0                      | 254                        | 500                            | 2,200                         |



# MANUAL IN-LINE SCREEN FILTERS SERIES YF200



## APPLICATIONS

- Primary in-line filter for good water quality
- Secondary filtration after primary filter (control filter)

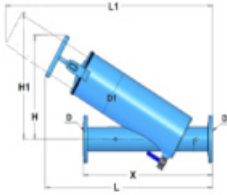
## UNIQUE FEATURES AND BENEFITS

- Screen constructed of 316 stainless steel supported by a PVC cylinder
- Easy to dis-assemble by twisting open the T-handle cover (without tools)
- Includes a drain valve to release pressure before dis-assembly

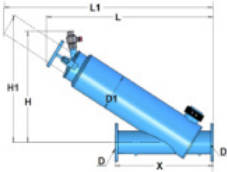
## OPERATION

The filters are designed and built in accordance with the principle of water flow through the cylinder screen openings while solid particles are trapped by the screen. These particles can be easily removed by opening the cover and washing the screen manually. The drain valve is used for releasing pressure before opening for maintenance.

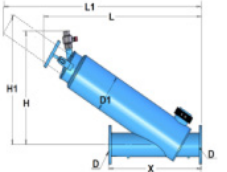
### Model YF215 - YF240



### Model YF260



### Model YF260 - YF210



## STANDARD CHARACTERISTICS

- Filter element: Stainless steel screen AISI 316, supported by a PVC cylinder
- Available filtration grades: 40 to 200 mesh screens
- Filter housing construction material: Carbon steel ST37.2
- Pre-treatment: Sand blasting up to Sa 2.5 grade
- Exterior and interior coating: Electrostatic oven baked polyester-epoxy powder coating with a thickness of 150-200 microns
- Connections: Victaulic, threaded, and flange
- Maximum pressure: 145 psi
- Maximum recommended working pressure: 116 psi

| Model | In/Out<br>ØD<br>(in) | ØD1<br>(in) | X<br>(mm) (in) | L<br>(mm) (in) | L1<br>(mm) (in) | H<br>(mm) (in) | H1<br>(mm) (in) | Shipping<br>Weight<br>(kg) (lb) | Maximum<br>Flow Rate<br>(m³/h) (gpm) |
|-------|----------------------|-------------|----------------|----------------|-----------------|----------------|-----------------|---------------------------------|--------------------------------------|
| YF215 | 1.5                  | 4           | 350 13.8       | 496 19.5       | 603 23.7        | 278 10.9       | 308 12.1        | 9.3 21                          | 15 66                                |
| YF220 | 2                    | 6           | 480 18.9       | 504 19.9       | 587 23.1        | 295 11.6       | 308 12.1        | 16.2 36                         | 25 110                               |
| YF222 | 2                    | 6           | 480 18.9       | 726 28.6       | 1,040 40.9      | 427 16.8       | 590 23.2        | 22.8 50                         | 30 132                               |
| YF230 | 3                    | 6           | 550 21.7       | 717 28.2       | 1,032 40.6      | 398 15.7       | 539 21.2        | 31.9 70                         | 40 176                               |
| YF240 | 4                    | 8           | 685 26.6       | 887 34.7       | 1,275 50.2      | 487 19.2       | 688 27.1        | 43.8 97                         | 80 352                               |
| YF260 | 6                    | 10          | 735 28.9       | 1,264 49.8     | 2,032 80.0      | 817 32.2       | 1,207 47.5      | 79.2 175                        | 180 793                              |
| YF280 | 8                    | 12          | 830 33.1       | 1,072 42.2     | 1,556 61.3      | 643 25.3       | 1,178 46.4      | 108.8 240                       | 300 1,321                            |
| YF210 | 10                   | 14          | 940 37.0       | 1,103 43.4     | 1,778 69.9      | 745 29.3       | 1,165 45.8      | 135.0 298                       | 500 2,200                            |

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**ALT320**  
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