

IDW Submerged Suction Filters(Strainer)

IDWS 304 Stainless Submerged Suction Filters(Strainer) 120 Mesh

Threaded Connection: PT, BSP and NPT.

Port Size from 1/4" to 4"

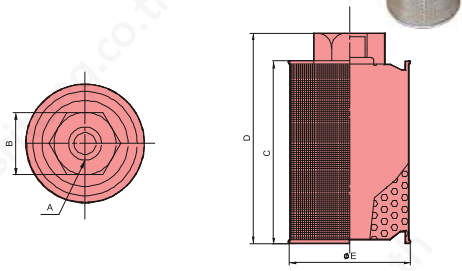
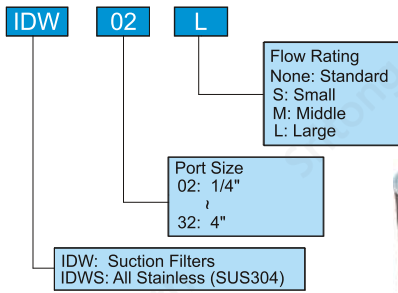
Flow Rate: 12~1000 lpm

Max. working temperature :90° C(194° F)

Protect pump and system components

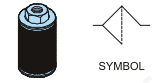
Mesh Type

Ordering Code



Ratings

| Series | φA PT (Rc) | B mm (in) | C mm (in) | D mm (in) | E mm (in) | Flow lpm | Filtration Mesh | Weight kg(lb) | |
|------------|------------|------------|------------|------------|------------|------------|-----------------|---------------|------------|
| IDWS | 1/4" | 22 (.86) | 47 (1.85) | 59 (2.32) | 38 (1.49) | 12 | 120 | .05 (.11) | |
| | | | 97 (3.81) | 109 (4.29) | 38 (1.49) | 14 | | .07 (.15) | |
| | | | 100 (3.93) | 112 (4.40) | 55 (2.16) | 20 | | .10 (.22) | |
| | 3/8" | 22 (.86) | 22 (.86) | 47 (1.85) | 59 (2.32) | 38 (1.49) | 15 | 120 | .05 (.11) |
| | | | | 97 (3.81) | 109 (4.29) | 38 (1.49) | 17 | | .07 (.15) |
| | | | | 100 (3.93) | 112 (4.40) | 55 (2.16) | 25 | | .10 (.22) |
| | 1/2" | 28 (1.10) | 28 (1.10) | 100 (3.93) | 112 (4.40) | 55 (2.16) | 30 | 120 | .12 (.26) |
| | | | | 144 (5.66) | 160 (6.29) | 65 (2.55) | 33 | | .18 (.39) |
| | | | | 144 (5.66) | 160 (6.29) | 65 (2.55) | 50 | | .19 (.42) |
| | IDW | 1" | 46 (1.81) | 46 (1.81) | 188 (7.40) | 207 (8.14) | 84 (3.30) | 100 | .33 (.73) |
| | | | | | 188 (7.40) | 207 (8.14) | 84 (3.30) | 100 | .33 (.73) |
| | | 1 1/4" | 52 (2.04) | 52 (2.04) | 205 (8.07) | 225 (8.85) | 103 (4.05) | 180 | .46 (1.02) |
| 205 (8.07) | | | | | 225 (8.85) | 103 (4.05) | 180 | .46 (1.02) | |
| 1 1/2" | | 61 (2.40) | 61 (2.40) | 228 (8.97) | 248 (9.76) | 126 (4.96) | 246 | .73 (1.62) | |
| | | | | 228 (8.97) | 248 (9.76) | 126 (4.96) | 246 | .73 (1.62) | |
| 2" | | 72 (2.83) | 72 (2.83) | 305 (12.0) | 328 (12.9) | 126 (4.96) | 384 | .88 (1.95) | |
| | | | | 305 (12.0) | 328 (12.9) | 126 (4.96) | 384 | .88 (1.95) | |
| 2 1/2" | 87 (3.42) | 87 (3.42) | 342 (13.4) | 365 (14.3) | 158 (6.22) | 700 | 1.19 (2.64) | | |
| | | | 342 (13.4) | 365 (14.3) | 158 (6.22) | 700 | 1.19 (2.64) | | |
| 3" | 105 (4.13) | 105 (4.13) | 433 (17.0) | 453 (17.8) | 158 (6.22) | 800 | 1.40 (3.10) | | |
| | | | 433 (17.0) | 453 (17.8) | 158 (6.22) | 800 | 1.40 (3.10) | | |
| IDW | 3" | 146 (5.74) | 146 (5.74) | 380 (14.9) | 405 (15.9) | 208 (8.18) | 900 | 3.30 (7.32) | |
| | | | | 380 (14.9) | 405 (15.9) | 208 (8.18) | 900 | 3.30 (7.32) | |
| IDW | 4" | 146 (5.74) | 146 (5.74) | 438 (17.2) | 453 (17.8) | 208 (8.18) | 1000 | 3.09 (6.85) | |
| | | | | 438 (17.2) | 453 (17.8) | 208 (8.18) | 1000 | 3.09 (6.85) | |



MF Submerged Suction Filters(Strainer)

MFS 304 Stainless Submerged Suction Filters(Strainer) 100Mesh

Threaded Connection: PT, BSP and NPT.

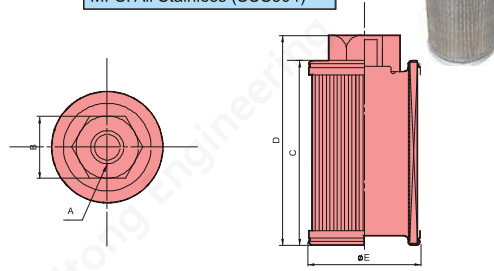
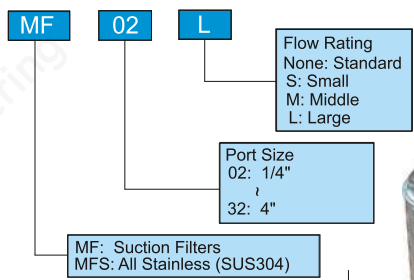
Port Size from 1/4" to 4"

Flow Rate: 15~1000 lpm

Max. working temperature :90° C(194° F)

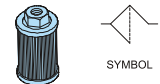
Deep-drawn mesh type

Ordering Code




Ratings

| Series | φA PT (Rc) | B mm (in) | C mm (in) | D mm (in) | E mm (in) | Flow lpm | Filtration Mesh | Weight kg(lb) | |
|--------|------------|------------|------------|------------|------------|------------|-----------------|---------------|-----------|
| MFS | 1/4" | 22 (.86) | 22 (.86) | 65 (2.55) | 76 (2.99) | 45 (1.77) | 15 | .08 (.17) | |
| | | | | 50 (1.96) | 61 (2.40) | 56 (2.20) | | .09 (.19) | |
| | | | | 50 (1.96) | 61 (2.40) | 56 (2.20) | | .09 (.19) | |
| | 3/8" | 22 (.86) | 22 (.86) | 65 (2.55) | 76 (2.99) | 45 (1.77) | 17 | .08 (.17) | |
| | | | | 50 (1.96) | 61 (2.40) | 56 (2.20) | | .09 (.19) | |
| | | | | 50 (1.96) | 61 (2.40) | 56 (2.20) | | .09 (.19) | |
| | 1/2" | 28 (1.10) | 28 (1.10) | 46 (1.81) | 55 (2.16) | 56 (2.20) | 20 | .09 (.19) | |
| | | | | 90 (3.54) | 98 (3.85) | 56 (2.20) | | 33 | .12 (.26) |
| | | | | 90 (3.54) | 98 (3.85) | 56 (2.20) | | 33 | .12 (.26) |
| | 3/4" | 34 (1.33) | 34 (1.33) | 127 (5.00) | 139 (5.47) | 56 (2.20) | 55 | 100 | .14 (.31) |
| | | | | 153 (6.02) | 169 (6.65) | 56 (2.20) | | 100 | .19 (.42) |
| | | | | 153 (6.02) | 169 (6.65) | 56 (2.20) | | 100 | .19 (.42) |
| 1" | 46 (1.81) | 46 (1.81) | 132 (5.19) | 149 (5.86) | 70 (2.75) | 110 | 100 | .28 (.62) | |
| | | | 132 (5.19) | 149 (5.86) | 70 (2.75) | | 100 | .28 (.62) | |
| | | | 132 (5.19) | 149 (5.86) | 70 (2.75) | | 100 | .28 (.62) | |
| 1 1/4" | 52 (2.04) | 52 (2.04) | 171 (6.73) | 184 (7.24) | 70 (2.75) | 210 | 100 | .29 (.64) | |
| | | | 171 (6.73) | 184 (7.24) | 70 (2.75) | | 100 | .29 (.64) | |
| | | | 171 (6.73) | 184 (7.24) | 70 (2.75) | | 100 | .29 (.64) | |
| 1 1/2" | 61 (2.40) | 61 (2.40) | 180 (7.08) | 193 (7.59) | 84 (3.30) | 285 | 100 | .40 (.88) | |
| | | | 180 (7.08) | 193 (7.59) | 84 (3.30) | | 100 | .40 (.88) | |
| | | | 180 (7.08) | 193 (7.59) | 84 (3.30) | | 100 | .40 (.88) | |
| 2" | 72 (2.83) | 72 (2.83) | 199 (7.83) | 215 (8.46) | 102 (4.01) | 395 | 100 | .57 (1.26) | |
| | | | 199 (7.83) | 215 (8.46) | 102 (4.01) | | 100 | .57 (1.26) | |
| | | | 199 (7.83) | 215 (8.46) | 102 (4.01) | | 100 | .57 (1.26) | |
| 2 1/2" | 87 (3.42) | 87 (3.42) | 326 (12.8) | 353 (13.8) | 159 (6.25) | 750 | 100 | 1.14 (2.53) | |
| | | | 326 (12.8) | 353 (13.8) | 159 (6.25) | | 100 | 1.14 (2.53) | |
| | | | 326 (12.8) | 353 (13.8) | 159 (6.25) | | 100 | 1.14 (2.53) | |
| 3" | 105 (4.13) | 105 (4.13) | 326 (12.8) | 353 (13.8) | 159 (6.25) | 800 | 100 | 1.18 (2.61) | |
| | | | 326 (12.8) | 353 (13.8) | 159 (6.25) | | 100 | 1.18 (2.61) | |
| | | | 326 (12.8) | 353 (13.8) | 159 (6.25) | | 100 | 1.18 (2.61) | |
| MF | 3" | 146 (5.74) | 146 (5.74) | 285 (11.2) | 310 (12.2) | 208 (8.18) | 900 | 3.00 (6.66) | |
| | | | | 285 (11.2) | 310 (12.2) | 208 (8.18) | 900 | 3.00 (6.66) | |
| MF | 4" | 146 (5.74) | 146 (5.74) | 338 (13.3) | 353 (13.8) | 208 (8.18) | 1000 | 2.95 (6.54) | |
| | | | | 338 (13.3) | 353 (13.8) | 208 (8.18) | 1000 | 2.95 (6.54) | |



DIMENSIONS

MILLIMETERS(INCHES)

MFC Series Suction Filters(Strainer) 
 MFCS 304 Stainless Submerged Suction Filters 100 Mesh

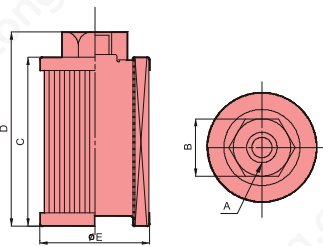
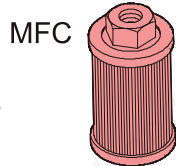
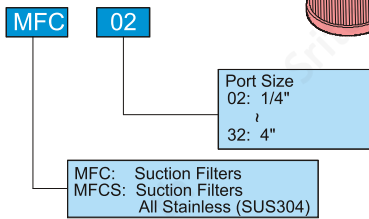


Threaded Connection: PT, BSP and NPT.
 Port Size from 1/4" to 4"
 Flow Rate: 25~1300 lpm
 Max. working temperature :90° C (194° F)
 Protect pump and system components

■ Ratings

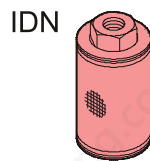
| Series | φA PT (Rc) | B mm (in) | C mm (in) | D mm (in) | E mm (in) | Flow lpm | Filtration Mesh | Weight kg(lb) | |
|-------------|------------|---------------|------------|------------|------------|------------|-----------------|---------------|-------------|
| MFC MFCS | 02 | 1/4" (.86) | 22 (3.11) | 79 (3.11) | 90 (3.54) | 25 | 100 | .11 (.24) | |
| | 03 | 3/8" (.86) | 22 (3.11) | 79 (3.11) | 90 (3.54) | | | 30 | .11 (.24) |
| | 03 | 3/8" (.86) | 35 (1.37) | 46 (1.81) | 62 (2.44) | 18 | 150 | .1 (.22) | |
| | 04 | 1/2" (1.10) | 28 (4.09) | 115 (4.52) | | | | 50 | .15 (.33) |
| | 04 | 1/2" (1.10) | 28 (2.51) | 75 (2.95) | 90 | 30 | 150 | .12 (.26) | |
| | 06 | 3/4" (1.33) | 34 (6.41) | 175 (6.88) | | | | 90 | .18 (.39) |
| | 06 | 3/4" (1.33) | 34 (2.51) | 75 (2.95) | 83 (3.26) | 45 | 150 | .12 (.26) | |
| | 08 | 1" (1.81) | 46 (5.11) | 145 (5.70) | | | | 160 | .35 (.77) |
| | 10 | 1 1/4" (2.04) | 52 (5.19) | 145 (5.70) | 102 (4.01) | 280 | 100 | .5 (1.11) | |
| | 12 | 1 1/2" (2.40) | 61 (7.55) | 205 (8.07) | 102 (4.01) | | | 420 | .8 (1.77) |
| | 16 | 2" (2.83) | 72 (8.18) | 225 (8.85) | 120 (4.72) | 550 | 100 | 1.0 (2.22) | |
| | 16 | 2" (2.83) | 72 (10.2) | 280 (11.0) | 140 (5.51) | | | 700 | 1.15 (2.55) |
| | 20 | 2 1/2" (3.42) | 87 (12.0) | 330 (12.9) | 147 (5.78) | 850 | 100 | 1.3 (2.88) | |
| | 24 | 3" (4.13) | 105 (12.0) | 330 (12.9) | 147 (5.78) | | | 1000 | 1.45 (3.21) |
| | MFC | 24 | 3" (5.74) | 146 (10.2) | 275 (10.8) | 208 (8.18) | 1100 | 100 | 3.15 (6.99) |
| | | 32 | 4" (5.74) | 146 (14.3) | 380 (14.9) | 208 (8.18) | | | 1300 |

■ Ordering Code

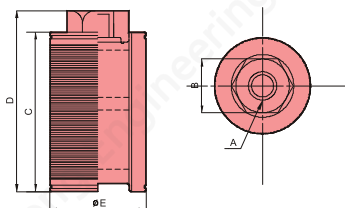
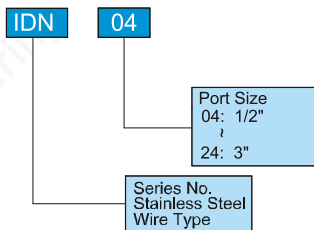


IDN Series Suction Filters (Strainer)150 Mesh 

Threaded Connection: PT, BSP and NPT.
 Port Size from 1/2" to 3"
 Flow Rate: 35~600 lpm
 Max. working temperature :90° C (194° F)
 Protect pump and system components



■ Ordering Code



■ Ratings

| Series | φA PT (Rc) | B mm (in) | C mm (in) | D mm (in) | E mm (in) | Flow lpm | Filtration Mesh | Weight kg(lb) |
|---------|------------|------------|------------|------------|------------|-----------|-----------------|---------------|
| IDN-04 | 1/2" | 28 (1.10) | 156 (6.14) | 167 (6.57) | 61 (2.40) | 35 | 150 | .24 (.53) |
| IDN-06 | 3/4" | 34 (1.33) | 156 (6.14) | 171 (6.73) | 61 (2.40) | 46 | | .26 (.57) |
| IDN-08M | 1" | 142 (5.59) | 158 (6.22) | 82 (3.22) | 90 | .39 (.86) | | |
| | | 193 (7.59) | 208 (8.18) | | | .45 (.99) | | |
| IDN-10 | 1 1/4" | 52 (2.04) | 213 (8.38) | 227 (8.93) | 102 (4.01) | 150 | | .73 (1.62) |
| IDN-12 | 1 1/2" | 61 (2.40) | 232 (9.13) | 246 (9.68) | 120 (4.72) | 205 | | .97 (2.15) |
| IDN-16 | 2" | 72 (2.83) | 314 (12.3) | 331 (13.0) | 120 (4.72) | 320 | | 1.24 (2.75) |
| IDN-20 | 2 1/2" | 87 (3.42) | 417 (16.4) | 439 (17.2) | 146 (5.74) | 550 | | 2.50 (5.55) |
| IDN-24 | 3" | 105 (4.13) | 417 (16.4) | 439 (17.2) | 146 (5.74) | 600 | | 2.55 (5.66) |