

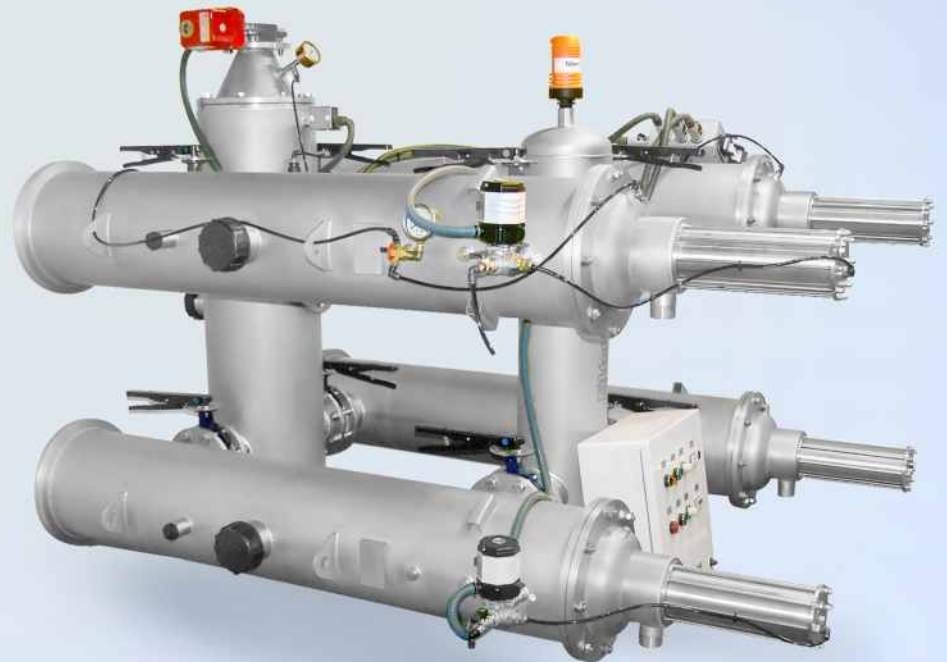


AUTOMATIC SELF-CLEANING FILTER

[www.filternox.com](http://www.filternox.com)

# KFH / KTW / KQR

Models With Automatic  
Self-Cleaning Coarse Screen



## Two Stage Filtration in One Filter Unit!

With rust proof body, ideal and permanent solution for sea water and surface water filtration !

**Filternox**® KFH, KTW and KQR models with extra automatic self-cleaning system for coarse screen besides automatic self-cleaning fine screen enable to make two-stage filtration in one filter unit.

Automatic self-cleaning **Filternox**® KFH, KTW and KQR models, provide the final and permanent solution for sea, lake and river water filtration



# KFH / KTW / KQR

## General Technical Specifications

|                                     |                                  |                                   |                        |
|-------------------------------------|----------------------------------|-----------------------------------|------------------------|
| <b>Body Material</b>                | : AISI 304L (AISI 316L optional) | <b>Headloss at Max. Flow Rate</b> | : 0.2 bar              |
| <b>Screen Material</b>              | : AISI 316L                      | <b>Appr. Back-Flush Time</b>      | : max. 20-80 sec.      |
| <b>Max. Operating Pressure</b>      | : 10 bar (16-25 bar optional)    | <b>Appr. Back-Flush</b>           |                        |
| <b>Min. Inlet Pressure Required</b> |                                  | <b>Water Consumption</b>          | : 150-800 l/back-flush |
| <b>During Back-Flush</b>            | : 2 bar                          | <b>Control System</b>             | : Electric             |
| <b>Max. Operating Temperature</b>   | : 60°C (90°C optional)           | <b>Fine Screen Range</b>          | : 10 - 3000 micron     |

For low pressure (0.5-2 bar) and different materials, custom made filter can be produced.

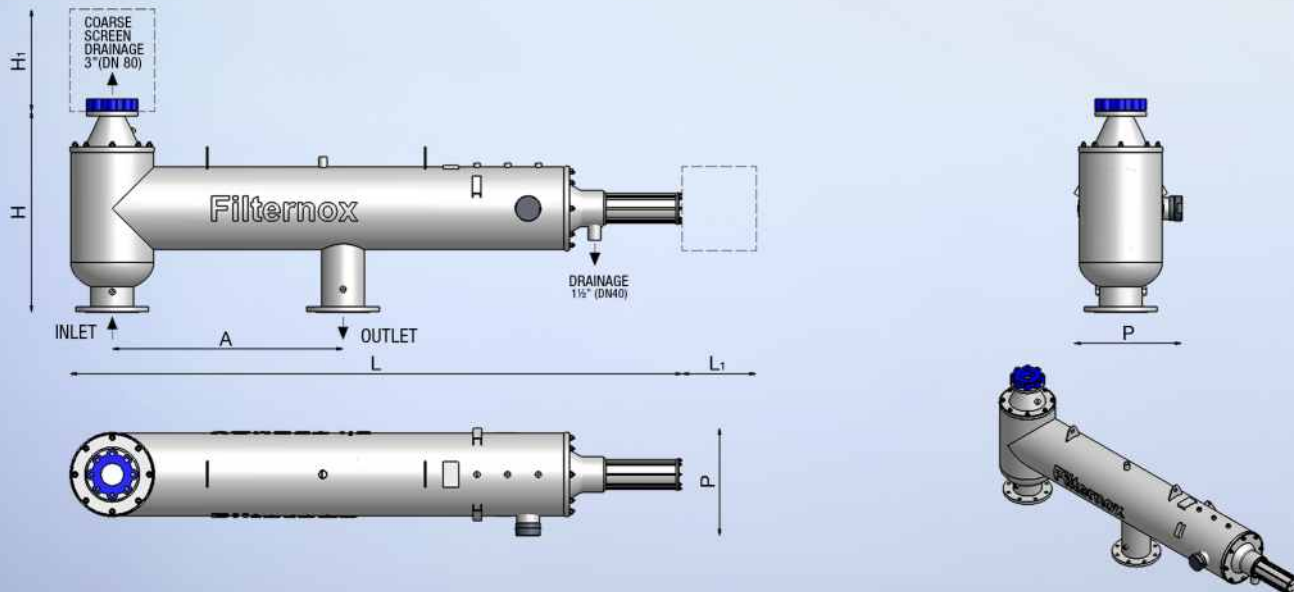
**For larger surface area and optional Motor Reducer Models, please contact to the Filternox® local representatives.**



## Standard KFH Models

| Model             | FLOW RATE<br>(m <sup>3</sup> /h) | SURFACE AREA       |          | INLET-OUTLET DIAMETER |      | DIMENSIONS |      |      |      |     |     | WEIGHT  |        |
|-------------------|----------------------------------|--------------------|----------|-----------------------|------|------------|------|------|------|-----|-----|---------|--------|
|                   |                                  | 1. STAGE           | 2. STAGE | (inch)                | (mm) | A          | L    | L1   | H    | H1  | P   | (Empty) | (Full) |
|                   |                                  | (cm <sup>2</sup> ) |          |                       |      | (mm)       |      |      |      |     |     | (kg)    |        |
| <b>KFH 110204</b> | 25-60                            | 3700               | 2400     | 4                     | 100  | 600        | 1582 | 500  | 871  | 700 | 369 | 140     | 300    |
| <b>KFH 110404</b> | 40-100                           | 3700               | 4800     | 4                     | 100  | 900        | 1982 | 900  | 871  | 700 | 369 | 150     | 310    |
| <b>KFH 112406</b> | 40-160                           | 4600               | 4800     | 6                     | 150  | 900        | 1982 | 900  | 1000 | 800 | 394 | 165     | 360    |
| <b>KFH 112606</b> | 60-200                           | 4600               | 7200     | 6                     | 150  | 900        | 2382 | 1300 | 1000 | 800 | 394 | 180     | 410    |
| <b>KFH 112608</b> | 80-320                           | 4600               | 7200     | 8                     | 200  | 900        | 2382 | 1300 | 1000 | 800 | 402 | 185     | 420    |
| <b>KFH 112610</b> | 100-400                          | 4600               | 7200     | 10                    | 250  | 900        | 2382 | 1300 | 1058 | 800 | 430 | 215     | 450    |

Dimensions and technical specifications are only for information. Antel-Filternox® reserves the right to modify them. Please contact Antel-Filternox® or local representative for actual and detailed information.

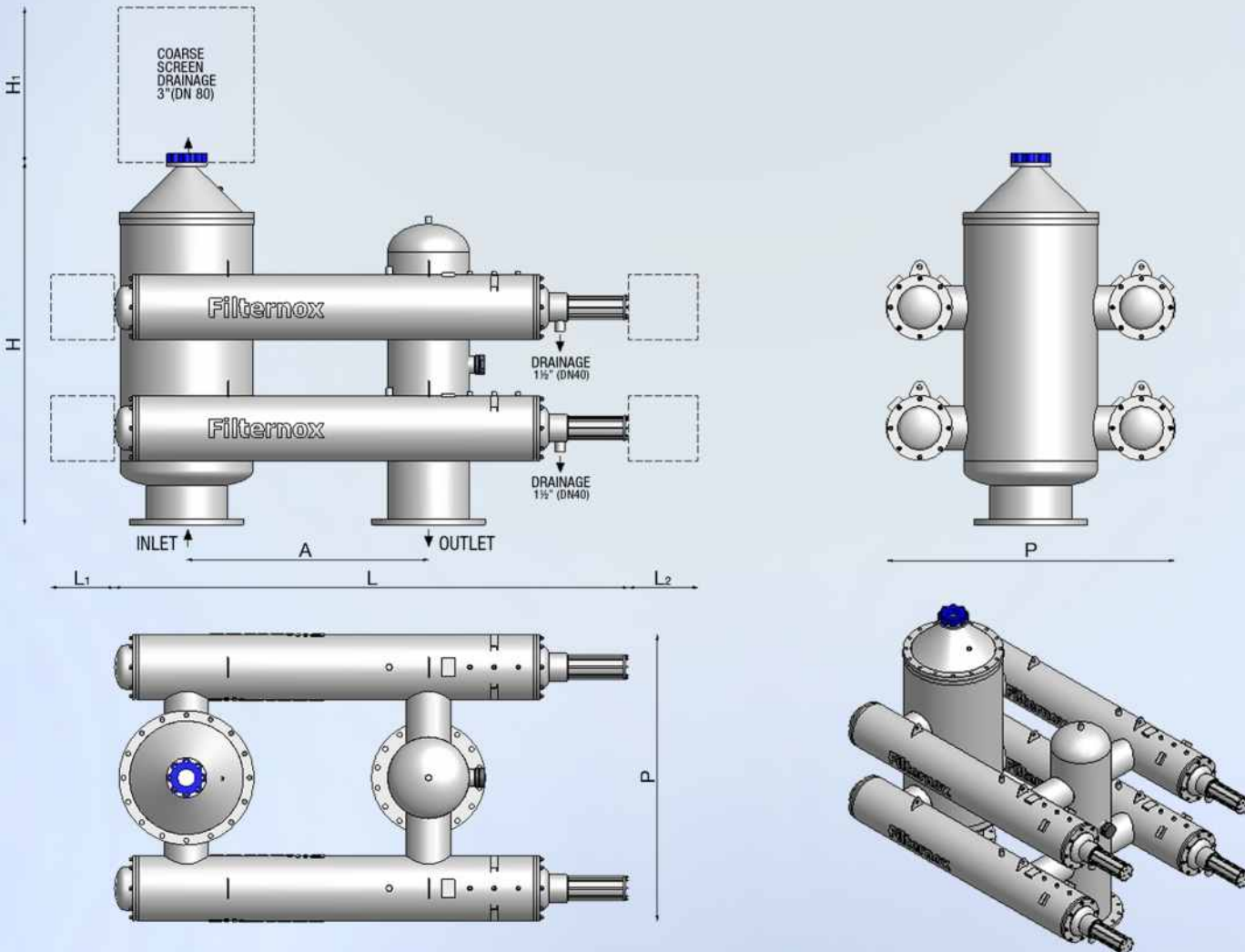




## Standard KQR Models

| Model             | FLOW RATE<br>(m <sup>3</sup> /h) | SURFACE AREA       |          | INLET-OUTLET DIAMETER |      | DIMENSIONS |      |      |     |      |      | WEIGHT |         |        |
|-------------------|----------------------------------|--------------------|----------|-----------------------|------|------------|------|------|-----|------|------|--------|---------|--------|
|                   |                                  | 1. STAGE           | 2. STAGE | (inch)                | (mm) | A          | L    | L1   | L2  | H    | H1   | P      | (Empty) | (Full) |
|                   |                                  | (cm <sup>2</sup> ) |          |                       |      | (mm)       |      |      |     |      |      | (kg)   |         |        |
| <b>KQR 410608</b> | 200-440                          | 9500               | 28800    | 8                     | 200  | 900        | 2431 | 1700 | 200 | 1741 | 1400 | 1124   | 585     | 1195   |
| <b>KQR 410610</b> | 240-750                          | 9500               | 28800    | 10                    | 250  | 900        | 2531 | 1700 | 200 | 1722 | 1400 | 1324   | 590     | 1200   |
| <b>KQR 410612</b> | 300-1200                         | 11800              | 28800    | 12                    | 300  | 900        | 2531 | 1700 | 200 | 1765 | 1400 | 1324   | 595     | 1235   |
| <b>KQR 412614</b> | 360-1400                         | 15800              | 28800    | 14                    | 350  | 1200       | 2531 | 1700 | 200 | 1759 | 1400 | 1374   | 835     | 1845   |
| <b>KQR 412616</b> | 440-1500                         | 21800              | 28800    | 16                    | 400  | 1200       | 2531 | 1700 | 200 | 1786 | 1400 | 1574   | 945     | 1980   |
| <b>KQR 414616</b> | 500-1750                         | 21800              | 38400    | 16                    | 400  | 1200       | 2670 | 1800 | 200 | 1786 | 1400 | 1624   | 1028    | 2580   |
| <b>KQR 412618</b> | 500-1750                         | 21800              | 28800    | 18                    | 450  | 1200       | 2531 | 1700 | 200 | 1830 | 1400 | 1574   | 975     | 2110   |
| <b>KQR 414618</b> | 600-2000                         | 21800              | 38400    | 18                    | 450  | 1200       | 2670 | 1800 | 200 | 1830 | 1400 | 1624   | 1035    | 2585   |
| <b>KQR 412620</b> | 600-2000                         | 21800              | 28800    | 20                    | 500  | 1200       | 2531 | 1700 | 200 | 1772 | 1400 | 1574   | 1010    | 2210   |
| <b>KQR 414620</b> | 700-2500                         | 21800              | 38400    | 20                    | 500  | 1200       | 2670 | 1800 | 200 | 1772 | 1400 | 1624   | 1045    | 2595   |

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## Standard KTW Models

| Model             | FLOW RATE<br>(m <sup>3</sup> /h) | SURFACE AREA       |          | INLET-OUTLET DIAMETER |      | DIMENSIONS |      |      |     |      |     | WEIGHT |         |        |
|-------------------|----------------------------------|--------------------|----------|-----------------------|------|------------|------|------|-----|------|-----|--------|---------|--------|
|                   |                                  | 1. STAGE           | 2. STAGE | (inch)                | (mm) | A          | L    | L1   | L2  | H    | H1  | P      | (Empty) | (Full) |
|                   |                                  | (cm <sup>2</sup> ) |          | (mm)                  |      | (mm)       |      |      |     |      |     | (kg)   |         |        |
| <b>KTW 210406</b> | 80-200                           | 4600               | 9600     | 6                     | 150  | 900        | 1931 | 1300 | 200 | 1052 | 800 | 1073   | 230     | 585    |
| <b>KTW 210606</b> | 100-250                          | 4600               | 14400    | 6                     | 150  | 900        | 2431 | 1700 | 200 | 1052 | 800 | 1073   | 260     | 670    |
| <b>KTW 210408</b> | 100-360                          | 4600               | 9600     | 8                     | 200  | 900        | 2031 | 1300 | 200 | 1041 | 800 | 1073   | 240     | 600    |
| <b>KTW 210606</b> | 120-380                          | 4600               | 14400    | 8                     | 200  | 900        | 2431 | 1700 | 200 | 1041 | 800 | 1073   | 270     | 700    |
| <b>KTW 212610</b> | 140-500                          | 7700               | 14400    | 10                    | 250  | 900        | 2531 | 1700 | 200 | 1072 | 800 | 1374   | 300     | 745    |
| <b>KTW 212612</b> | 160-750                          | 7700               | 14400    | 12                    | 300  | 900        | 2531 | 1700 | 200 | 1115 | 800 | 1374   | 315     | 765    |
| <b>KTW 212614</b> | 200-1000                         | 7700               | 14400    | 14                    | 350  | 1200       | 2531 | 1700 | 200 | 1110 | 800 | 1374   | 345     | 800    |

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