

CUSTOMISED EASYCLEANS



High Performance Liquid Filters

Shown here is a special unit built for use with sea water. All wetted parts are plastic and the coils are alloy 625.

The unit is fully automatic with differential pressure switch and power supply and is operated by a small logic controller.

The duplex units can be assembled together to make multiples of the same unit.

The filters can be plumbed with PVC, ABS or any material by

the customer or in house during manufacturing.

This is one example of how the EasyClean can be made to suit special applications. Many others are available.

See over for further examples.

Materials in contact :-

| | |
|-----------------|----------------------------------|
| Filter coil | alloy 625 |
| Filter cage | glass filled polypropylene |
| Housing | polypropylene and SAN |
| Valve | polypropylene |
| Valve seals | PTFE |
| Gauges (option) | diaphragm type with PTFE barrier |
| Tubing | nylon (6mm) |
| Fittings | acetal body with nitrile seal |

Other Material :-

| | |
|------------------|-----------------|
| Support brackets | stainless steel |
| Control panel | technopolymer |

Operating Parameters :-

| | |
|---------------------|---------------------|
| Maximum pressure | 8 bar * |
| Maximum temperature | 50°C * |
| Maximum flow | 2,5 l/s ** |
| Power supply | 100-250Vac 2,3A max |

*Other materials available for higher pressures and higher temperatures.

**Flows will be reduced with micron rating and dirt loading

Further Examples , On right :- →

Four pod 25 micron unit mounted to a back board. These units are supplied to small water treatment works in remote locations, and remove very small particulate before a cryptosporidium filter. This unit allows those very fine filters to last much longer before replacement is required.

A power supply and differential pressure switch are also mounted to the board.

Unit built for high temperature sea water, using special housings and plastics. →



Below are shown two multiple units provided for small treatment works.

The unit on the left is used to clean final effluent at a small sewerage works. It has 50 micron, 25 micron and 20 micron backwashing filters, all fully controlled by a small PLC. Maximum flow of this unit is 1,5 l/s.



On the right is a multiple filter, used on a small remote water works. In conjunction with a TC filter at 25 microns, and a series of media filters, this unit is the final polish at 12 microns before a cryptosporidium filter.

Both are PLC controlled, and with a differential pressure switch to operate automatically when a set pressure drop is reached.

These units are plumbed in UPVC, mounted to a simple steel rack and are free standing.



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