

# Penguin Engineering Ltd

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## Hydropure Water Filters

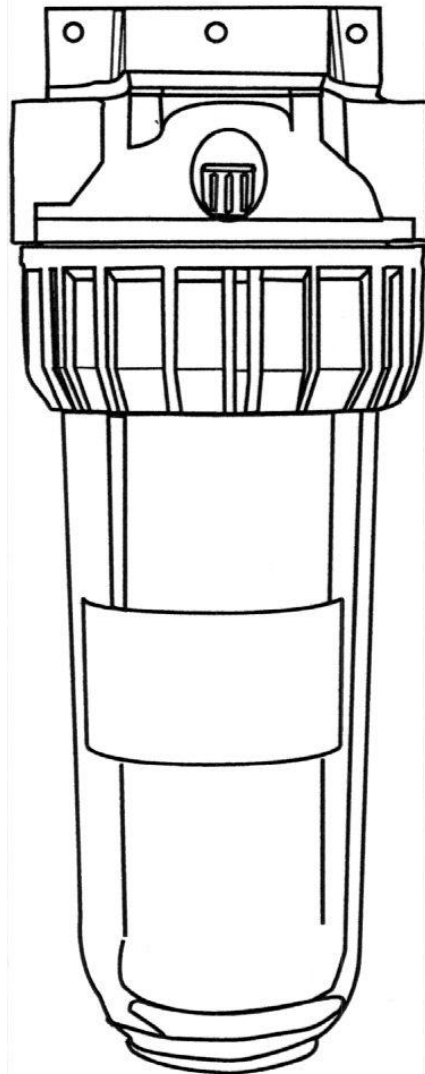
January 2012

### Description

Domestic water stored in tanks needs to be first sterilised by using a good proprietary product, normally chlorine based, to kill the bacteria.

When the water is required, it is pumped through the Hydropure filter\*, which removes any solid matter down to 25 microns\* as well as most odours, including the smell of chlorine and can help to remove the taste of rubber components in the water system.

The unit is installed using the mounting bracket provided, with suitable pipe adapters (not included), and as close as possible to the final water outlet to avoid re-contamination.



### Installation Guide Details

Maximum working pressure  
6 Bar (85 p.s.i.)

Maximum working temp.  
45 Degrees C

Overall Height:  
Standard Unit 35cm (12 1/4")  
Mini Unit 23cm (9")

Maximum Diameter at top  
133mm (5 3/4" inches)

Maximum Standoff on Bracket  
15cm (6 inches)

Threaded connections 1/2" BSPF

Optimum Flow Rates:  
See individual cartridge  
information

Support plastic bracket with  
three 6mm holes.

\* This relates to the 25 micron activated carbon cartridge.  
Other cartridges available, please see overleaf for details.



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## Different filtration options

### Carbon Cartridge

Polyester felt filtering medium and granular activated carbon – 25 micron

Application: Pre-filtration and elimination of unpleasant odours and flavours from water caused by chlorine and other organic substances; removal of pesticides, insecticides, chlorinate solvents.

Flow Rate: 16 litres/minute (10" cartridge)\*\*  
 8 litres/minute (5" cartridge)\*\*

### Polypropylene Cartridge

Wound polypropylene thread filtering medium – 5 and 25 micron

Application: Filtration of sand, scale, lime, rust, find particles

Flow Rate: 17 litres/minute (10" cartridge)\*\*

### Ceramic Cartridge/Sub Micron

Ceramic filtering medium – 45 micron

Application: Filtration of very fine particles and some micro-organisms.

Flow Rate: 8 litres/minute (10" cartridge)\*\*

\*\* Flow rate is a maximum and will depend upon pump size and output.

## Price List

Code	Description	Nett £	VAT £	Total £
HP10SCC	Standard Unit complete with bracket and 10" carbon cartridge	49.59	9.92	59.51
HP10X2	Twin Standard Unit to take two filters in tandem	70.14	14.03	84.17
HP5SCC	Mini Unit complete with bracket and 5" carbon cartridge	40.53	8.11	48.64
HP10SCERAMIC	Standard Unit complete with bracket and 10" ceramic cartridge	75.54	15.11	90.65
HCC10	Spare 10" replacement carbon cartridge	20.14	4.03	24.17
HCC5	Spare 5" replacement carbon cartridge	13.11	2.62	15.73
HCPP10/5	Spare 10" replacement polypropylene cartridge – 5 micron	4.36	0.87	5.23
HCPP10/25	Spare 10" replacement polypropylene cartridge – 25 micron	4.36	0.87	5.23
HFA10/25	Spare 10" wound polypropylene cartridge – 25 micron	4.36	0.87	5.23
HP10CERAMICCART	Spare 10" replacement ceramic cartridge	46.10	9.22	55.32
WPM1213	Pair straight hose tails ½ BSPM to 13mm bore hose	1.40	.28	1.68
WPM1216	Pair straight hose tails ½ BSPM to 16mm bore hose	1.54	.31	1.85
WPEM1213	Pair elbow hose tails ½" BSPM to 13mm bore hose	3.14	.63	3.77
Carriage and packing for individual complete unit within the UK		9.00	1.80	10.80

Although every attempt is made to maintain stability we reserve the right to change prices and specifications without prior notice.

