

# puritreat prcf

a range of automatic activated carbon filters to remove chlorine, organic contaminants and for general water conditioning



- Simple to operate with automatic backwashing of carbon adsorption media
- Timer or water meter control options
- Range accommodates flow rates up to 36m<sup>3</sup>/hour
- Larger models are available on request

# puritreat<sup>prcf</sup> carbon filters

## description

Feedwater enters the unit and passes through the activated carbon adsorption media where chlorine and dissolved organics are removed. Periodically, the media is backwashed to remove any accumulated particulate matter. This process is fully automatic.

### Floor standing reinforced fibreglass cylinder -

A robust long lasting design

### Premium grade activated carbon media -

Ensures a consistent supply of quality water

### Timer or water meter control options\* -

The backwashing process is controlled either by the volume of water processed or by the elapsed time since the last backwash

### Choice of corrosion resistant control valves -

Offers flexible and reliable performance

### Feedwater bypass to service during backwash -

Provides a continuous supply of water even during the backwashing process

\*Timer control is standard on all single unit models

### Unit Design Options

- Water meter control
- Automatic valve to close feedwater bypass during the backwashing process
- Hot water system to accommodate hot feedwater (above 50°C)
- Larger models available on request

### Accessories

- Chlorine test kit

## technical specification

	PICF7	PICF12	PICF22	PICF30	PICF50	PICF90	PICF120
<b>Flowrates: (m<sup>3</sup>/hr)</b>							
Maximum service	3.1	4.5	10.6	13.2	17.6	26.2	36
Minimum service	1.6	2.3	5.3	6.6	8.8	13.1	18
Maximum effluent	2.9	3.7	8.4	10.5	14	19.2	19.2
<b>Connections - BSP* (inches)</b>							
Inlet	1 ½	1 ½	2	2	2	3	3
Outlet	1 ½	1 ½	2	2	2	3	3
Drain	1	1	2	2	2	3	3
<b>Dimensions: (mm)</b>							
Filter height	1775	1980	2350	2450	2450	3000	3500
Filter diameter	554	625	942	1054	1219	1429	1429
<b>Weight: (kg)</b>							
Shipping	115	175	355	480	630	950	1300
Working	421	624	1419	1797	2386	3569	4902

## contact

### SUEZ Water Purification Systems UK

Purite Ltd, Bandet Way, Thame, Oxon OX9 3SJ

Tel: +44 (0)1844 217141 | Fax: +44 (0)1844 218098

Email: mail@purite.com | Web: www.purite.com



### Services:

Electrical	230 volts 50Hz single phase
Feedwater pressure	2-6 bar
Feedwater temperature	1-49°C
Drain	Suitable drain for effluent flows at floor level

\* British Standard Pipe - Adaptors are available to convert to equivalent metric size. Contact SUEZ for details.

For general water conditioning a trace amount of chlorine or chlorine derivatives will remain. For applications requiring chlorine free residuals, please contact SUEZ.

