

**GENERAL INFO**
**CARBON FILTRATION WATER TREATMENT SYSTEMS**

Removes chlorine, bad taste and odour from your water.

Puretec CFS-2CI carbon filtration systems provide beautiful, great tasting water for the most fastidious, leaving beneficial vital minerals to assist in a healthy life.

Puretec CFS-2CI units are used in the domestic, commercial and industrial fields and are effective in special situations such as reduction of trace heavy metals. The Puretec CFS-2CI system reduces chlorine, taste, odour and sediment by adsorbing it through the filtration bed.

**FEATURES & BENEFITS**

- Reduces taste, odour and chemicals in your water.
- Automatic backwash – set and forget.
- Stores system configuration and operation data in non-volatile memory.
- Solid-state microprocessor with easy access front panel settings.
- Front panel display for time of day and days until next regeneration.
- Flexible programming options.
- 2" connections for minimum pressure loss.
- Weather resistant cover for controller.
- Weatherproof transformer.


**CFS100-2CI**

Auto backwash, 100Lpm,  
50mm connection


**CFS140-2CI**

Auto backwash, 140Lpm,  
50mm connection


**CFS180-2CI**

Auto backwash, 180Lpm,  
50mm connection


**CFS220-2CI**

Auto backwash, 220Lpm, 50mm  
connection


**CFS320-2CI**

Auto backwash, 320Lpm, 50mm  
connection

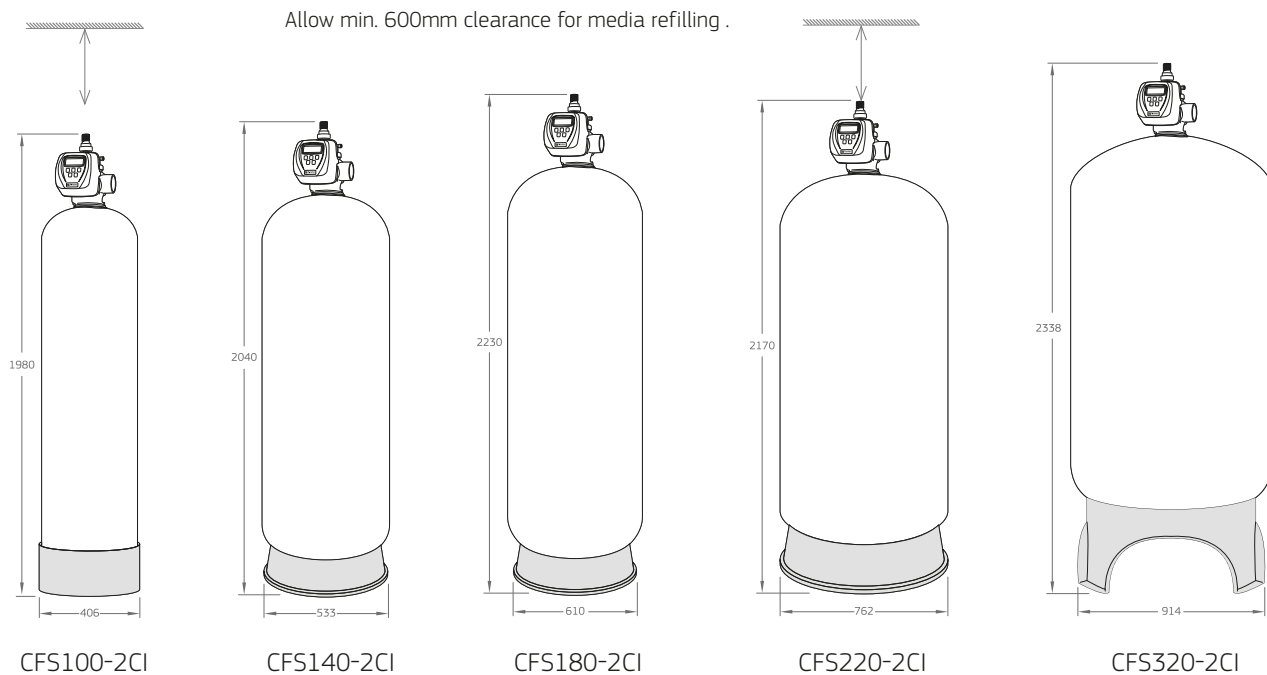
Ordering Code:	<b>CFS100-2CI</b>	<b>CFS140-2CI</b>	<b>CFS180-2CI</b>	<b>CFS220-2CI</b>	<b>CFS320-2CI</b>
Valve:	Automatic 2CI	Automatic 2CI	Automatic 2CI	Automatic 2CI	Automatic 2CI
Service Flow Rate:	100 Lpm	140 Lpm	180 Lpm	220 Lpm	320 Lpm
Maximum Flow Rate:	150 Lpm	190 Lpm	230 Lpm	310 Lpm	430 Lpm
Inlet / Outlet / Drain Connections:	2" Male BSPT, 1" Drain	2" Male BSPT, 1" Drain	2" Male BSPT, 1½" Drain	2" Male BSPT, 1½" Drain	2" Male BSPT, 1½" Drain
Min/Max Operating Pressure:	138 - 862 kPa	138 - 862 kPa	138 - 862 kPa	138 - 862 kPa	138 - 862 kPa
Operating Temperature:	4 - 43°C (40 - 110°F)	4 - 43°C (40 - 110°F)	4 - 43°C (40 - 110°F)	4 - 43°C (40 - 110°F)	4 - 43°C (40 - 110°F)
Power Supply:	230V AC / 50 Hz	230V AC / 50 Hz	230V AC / 50 Hz	230V AC / 50 Hz	230V AC / 50 Hz
Warranty:	1 year^	1 year^	1 year^	1 year^	1 year^
Replacement Media Kits:	RMK-CFS100	RMK-CFS140	RMK-CFS180	RMK-CFS220	RMK-CFS320

**Optional Accessories:**

**WTV5092** - Differential pressure switch for load based backwashing.  
**WTV7500** - Alternating valve for 2 system / clean water to backwash.  
**WTV7550** - No Bypass valve to isolate the system during regeneration.

**WTV7210** - Flow meter for volume based backwash.  
**WTV7400** - Microswitch kit for 2CI models

**PRODUCT DIMENSIONS** Measurements in Millimetres (mm)



**ADDITIONAL INFORMATION**

1. Not recommended for colloidal particles.
2. Water turbidity and particle size will affect recommended flow rate.
3. Pressure loss 100 kPa.
4. The flow rate while the filter backwashes, needs to be equal to the stated service flow to maintain proper backwash functionality, which is critical for optimum performance of filtration systems.
5. Backwashing is an essential preventative maintenance procedure for these systems in order for filter media to be regenerated, and to ensure the system is functioning correctly. Any spent backwash water is discharged, without treatment, down the drain. For any further information or system-specific volumes, please contact Puretec.

To connect to an external control system, the 2CI control valve has the following options.

INPUT	OUTPUTS AVAILABLE
<b>Differential Pressure (DP input)</b> <ul style="list-style-type: none"> <li>• Volt free contact</li> <li>• Initiates backwash if closed for 2 minutes</li> </ul>	<b>2x Relay output</b> <ul style="list-style-type: none"> <li>• 12 VDC 100mA</li> <li>• Programmable, initiated by backwash</li> </ul> <b>Microswitch output (optional)</b> <ul style="list-style-type: none"> <li>• Volt free</li> <li>• Initiated by physical movement of the piston during backwash</li> </ul> <b>Flowmeter (if supplied)</b> <ul style="list-style-type: none"> <li>• Pulse signal of filtered water - 20 pulses per US Gallon</li> <li>• Supplied with all Softeners (optional with other filters)</li> </ul>

**Note:**

1. No claims can be made based on the specifications and images in this document. The design, technology, colours, features and prices are subject to change.
2. This document and all its contents are copyright protected. All rights are reserved, particularly alteration, translation and reproduction using electronic systems.
3. ^Warranties in this document cover parts for the period stated and include 1 year cover for labour for the first year where applicable, subject to approval. Our Water Treatment Specialists can provide you with advice to suit your needs.