# CCF Whole House Activated Carbon Systems

**For reduction of Chlorine, Bad Tastes & Odours**



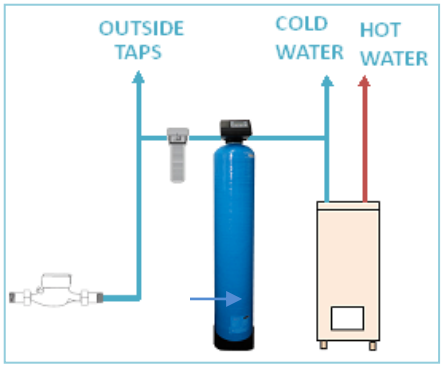
Almost all municipally treated waters use chlorine in varying degrees for primary or residual disinfection. While this has substantially reduced the risk of water-borne illnesses, many people are allergic to chlorine and find it hard to shower in chlorinated water. Further, chlorine imparts a bad taste and odour to water or beverages made by such water.

Rainfresh CCF Activated Carbon Systems are designed to provide efficient reduction of chlorine for all the water in the house – for cooking, bathing, washing, etc. Installed on the main water line right after the water meter, these systems effectively reduce chlorine, bad tastes and odours with minimal maintenance.

**BENEFITS**

- **Reduces chlorine, bad tastes & odours**
- **Treats ALL the water in the house**
- **No regular filter replacements**
- **Automatic backwash**
- **Long media life**
- **Efficient and Economical**

They feature a compact bed of high quality activated carbon inside a fibreglass media tank. When chlorinated water flows through the activated carbon bed, chlorine and organics are instantly reduced and the de-chlorinated water flows out of the unit. An automatic electronic control valve initiates periodic backwash, thereby ridding the carbon bed of trapped sediment/dirt and exposing fresh adsorption sites.




Typical Whole House Installation

The significant advantage of these systems lies in their extremely low maintenance, compared to the high cost of replacing cartridge type filters. Further, they offer much better flow rates and minimal pressure drop, making them a far superior choice for high flow applications.

CSA B483.1

## Specifications

| Model | Flow Rate (US GPM) | | Installed Dimensions | Inlet/Outlet | Drain | Operating Pressure | Pressure Drop | Average Chlorine Reduction |
|---|---|---|---|---|---|---|---|---|
| | Service | Backwash | H xWxD | | | | | |
| CCF1 | 5 | 8 | 9" x 54" | ¾" NPT | ½" | 30 – 100 psi | 10 psi | > 90% |
| CCF2 | 7 | 10 | 10" x 60" | ¾" NPT | ½" | 30 – 100 psi | 10 psi | > 90% |

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