

Water Softener Professional Series High Flow FAL-CC1-WS-XX



Quality Water Treatment Equipment

Operating Features

- Brass sweat adapters for easy installation, adapters from 3/4" to 1 1/2" (threaded PVC adapters available)
- Up to 27 gpm flow rate
- Easy connect fittings allow for fast installations
- Simple electronics makes control setup and programming a snap
- Soft water brine refill
- Valve utilizes a meter system allowing it to track and record gallon usage
- Regeneration occurs based on exact gallons of water used
- Digital display indicates exact time of day and gallons remaining until next regeneration
- Install inside or outside
- System can be adjusted for efficiency and special application requirements
- Integrated bypass valve
- Automatically filters out dirt and sediment



FAL-CC1-WS-1.0

1 to 2 bathrooms
10" DIA, 61" Tall
Salt Tank 15"x17"x36"
1" Service



FAL-CC1-WS-1.5

2 to 3 bathrooms
11" DIA, 67" Tall
Salt Tank 15"x17"x36"
1" Service



FAL-CC1-WS-2.0

3 to 5 bathrooms
13" DIA, 65" Tall
Salt Tank 15"x17"x36"
1 1/4" to 1 1/2" Service



FAL-CC1-WS-2.5

4 to 6 bathrooms
14" DIA, 67" Tall
Salt Tank 15"x17"x36"
1 1/4" to 1 1/2" Service



Larger sizes available. Call for sizing assistance.

Water Softener

FAL-CC1-WS-XX



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CC1 Valve Specifications

Inlet/Outlet Fittings.....	¾" to 1.5" NPS	
Cycles	up to 6	
Valve Material	Fiber Reinforced Composite	
Regeneration	downflow	
FLOW RATES		
Service @15 psi drop (includes bypass)	27 gpm	
Backwash @ 25 psi drop (includes bypass)	27 gpm	
Cv Service	7.0	
Cv Backwash	5.4	
OPERATING PRESSURES		
Minimum/Maximum	20 psi – 125 psi	
OPERATING TEMPERATURES		
Minimum/Maximum	40° – 110° F	
DIMENSIONS & WEIGHT		
Distributor Pilot.....	1.050" OD Pipe (¾" NPS)	
Drain Line	¾" or 1" NPT	
Brine Line	¾" or ½" OD Poly Tube	
Mounting Base.....	2 ½" - 8 NPSM	
Height From Top Of Tank.....	7 ¾"	
Weight	4.5 lbs.	
ELECTRICAL SPECIFICATIONS		POWER SUPPLY
Supply Voltage	<u>U.S.</u> 100VAC to 120VAC.....	<u>International</u> 200VAC to 240VAC
Supply Frequency	50/60 Hz.....	50/60 Hz
Output Voltage	15VDC.....	15VDC
Output Current	500 mA.....	500 mA
TANK APPLICATIONS		
Water Softener	6" – 21" diameter	
Water Filter (1).....	6" – 21" diameter	
CYCLES OF OPERATION (Softener Downflow)		
Cycle	Range of times minutes	
1. Backwash 1 st (upflow)	3 - 12	
2. Regenerate Draw/Slow Rinse (downflow)	50 - 70	
3. Backwash 2 nd (upflow)	3 - 12	
4. Fast Rinse (downflow)	3 - 8	
5. Regenerant Refill (in service with treated water).....	As Programmed	
6. Service (downflow)		