

CFS100TWS, CFS200TWS & CFS300TWS

Application

- Point-of-Entry

Water Treatment Systems - Softeners

Spec No. _____

Quantity _____



Product Features

- ◆ Continuous soft water demand regeneration system efficiently provides soft water 24 hours a day.
- ◆ Heavy duty coated brass piston valve provides reliable operation and service.
- ◆ Patented Cyclone™ distributor* scrubs resin clean during regeneration**.
- ◆ Safety brine valve prevents overflow of salt brine.
- ◆ Salt support shelf reduces mushing.
- ◆ Operates on 120V/60 Hz electrical. 220V/50 Hz is available on request.

* CFS100TWS & CFS200TWS only.

The TWS Series Twin Alternating Water Softeners meter the amount of soft water used and regenerate only when needed. When the first tank is regenerating, the second tank provides the supply of soft water and vice-versa, thus providing soft water 24 hours a day. TWS Series softeners are ideal for establishments that are open 24 hours a day or for situations where a continuous supply of softened water is required.

Product Specifications

Model Number	Part Number	Maximum Capacity	Standard Meter Range	Flow Rates - gpm (lpm)				Inlet/Outlet Pipe Size
				Peak Flow @ 25 psi Drop	Service Flow @ 15 psi Drop	Minimum	Backwash	
CFS100TWS	56000-14	30,000 Grains	125-2,100 gallons (473-7,949 liters)	9 (34.1)	6 (22.7)	0.25 (0.9)	1.5 (5.7)	1"
CFS200TWS	56000-15	60,000 Grains		18 (68.1)	14 (53)		2.4 (9.1)	
CFS300TWS	56000-16	90,000 Grains	360-5,100 gallons (1,363-19,306 liters)	21 (79.5)	17 (64.4)	0.7 (2.6)	5 (18.9)	

* May be covered by one or more of the following patents: 5,951,855; 5,890,750; 5,699,930; 5,584,411



Water Filter Systems
Foodservice

CFS100TWS, CFS200TWS & CFS300TWS Water Treatment Systems - Softeners

Spec No. _____
 Quantity _____
 Model Number _____
 Part Number _____

Physical Specifications:

Control Valve:

- Brass construction.
 - Must connect to resin tank without threaded connections*.
 - Must be meter regeneration.
- * CFS100TWS & CFS200TWS only.

Resin Tank:

- Seamless polyethylene inner shell**.
 - Wound fiberglass outer layer.
 - Resin tank must be jacketed**.
- ** CFS100TWS & CFS200TWS only.

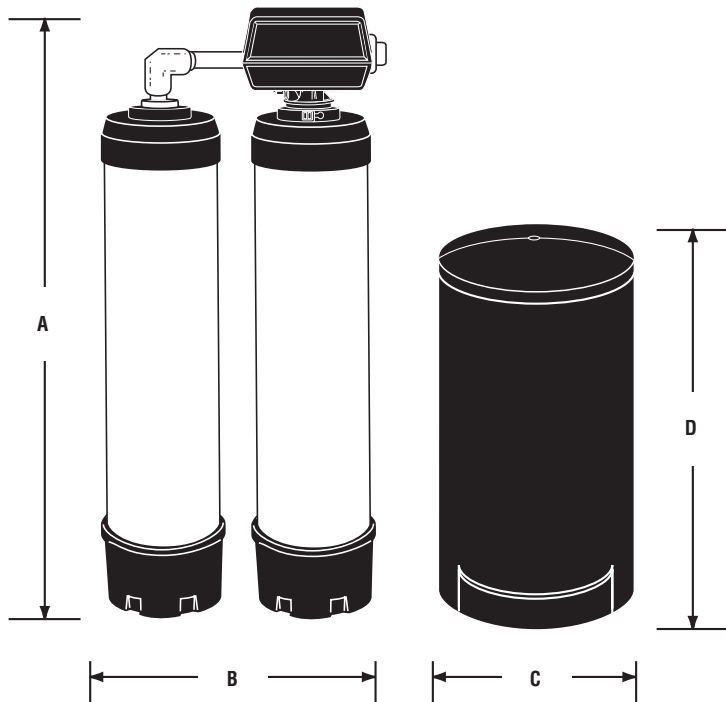
Brine Tank:

- High density polyethylene.
 - To include safety valve.
 - To include self-closing air check.
- Each system will have a service flow rate of _____ gpm (lpm).
 - Each system to have a peak flow rate of _____ gpm (lpm).
 - System to have _____ grain capacity.
 - System to have a maximum operating pressure of 125 psi (862 kPa) and operating temperature of 100°F (38°C).
 - To hold 300 lbs (136 kg) of salt in Models CFS100TWS & CFS200TWS. To hold 800 lbs (363 kg) of salt in Model CFS300TWS.

Installation Tips:

Select the location of your unit with care. Various conditions which contribute to proper location are as follows:

- Locate as close as possible to water supply source.
- Locate as close as possible to a floor or other drain capable of handling the backwash flow rates of the unit to be installed.
- Locate in correct relationship to other water conditioning equipment.
- Locate the unit in the supply line BEFORE the water heater. Temperatures above 100°F (38°C) will damage the unit and void the factory warranty.
- Do NOT install the softener in a location where freezing temperatures occur. Freezing may cause permanent damage and will also void the factory warranty.
- Allow sufficient space around the installation for easy servicing.



Dimensions

	CFS100TWS	CFS200TWS	CFS300TWS
A (Height)	52" (132.1 cm)	62" (157.5 cm)	73" (185.4 cm)
B (Width)	22" (55.9 cm)	25" (63.5 cm)	31" (78.7 cm)
CxD (Brine Tank)	18x33" (46x84 cm)	18x33" (46x84 cm)	24x50" (61x127 cm)

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

Limited 5 Year Warranty

CUNO Incorporated warrants to the original purchaser-consumer that this product is free from defects in materials and workmanship. This warranty, together with any and all warranties implied by law, shall be limited to a period of five (5) years from the date of original purchase by the consumer. This warranty does not apply to failures that result from abuse, misuse, alteration or damage not caused by CUNO. This warranty is subject to exclusions and limitations. Please refer to the Warranty Card provided with the product for details.

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