

You could give your people

**Culligan Water**

Reynolds Culligan

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8-4:30 M-F with 24 hour emergency service

## Item # CSM 210-2, Culligan® Side Mount (CSM™) Skid Series 24 x 54 Inch (in) Tank Size Softener

Nearly 200 configurations of multi-tank softener and filter systems available to meet your water treatment needs.

Culligan® Commercial and Industrial Solutions is focused on providing a modular platform of water treatment systems designed to solve your unique water treatment concerns. Our Commercial Skid Series offers nearly 200 different duplex and triplex configurations of our top softener and filter models available with different piping material and flow configurations depending on your

[+ more](#)



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### System Specifications

<b>Brands</b>	Culligan®
<b>Type</b>	Softener
<b>Resin Quantity</b>	7 ft <sup>3</sup> 198 L
<b>Duplex or Triplex System</b>	Duplex Triplex

<b>Pipe Size</b>	2 in 50.8 mm
<b>Continuous Flow Rate<sup>1</sup></b>	76 gpm 287.7 slpm
<b>Peak Flow Rate<sup>2</sup></b>	102 gpm 386.1 slpm
<b>Note for Flow Rate</b>	Flow rates shown are per tank. Low flow channeling (flow rates less than 0.5 gpm/cubic foot of resin) may cause hardness leakage into effluent.
<b>Tank Size</b>	24 x 54 in 610 x 1,372 mm
<b>Note for Tank Size</b>	Dimensions are diameter by tank height. Steel tank heights are shell height.
<b>Skid Footprint for Duplex System</b>	78 x 27 in 1,981 x 686 mm
<b>Skid Footprint for Triplex System</b>	120 x 36 in 3,048 x 915 mm
<b>Inlet Pressure (Dynamic)</b>	30 to 100 psig 210 to 690 kPa
<b>Voltage</b>	120 V
<b>Frequency</b>	50 Hz 60 Hz
<b>Feed Water Temperature</b>	40 to 120 °F 4 to 49 °C
<b>Maximum Turbidity</b>	5 NTU
<b>Maximum Chlorine</b>	1.0 mg/L
<b>Maximum Iron</b>	5.0 mg/L

## Markets Served

Clinics  
Educational Facilities

**Markets Served**

Energy and Power  
 Food and Beverage Production  
 Food Service/Restaurants  
 Grocery  
 Healthcare/Hospitals/Bio-Pharmaceutical  
 Hospitality/Lodging  
 Manufacturing  
 Municipal Drinking Water  
 Oil and Gas

**Examples of Softener and Filter Applications****Examples of Softener and Filter Applications**

- Food and Beverage - Improved Taste and increased cost savings (S)
- Drinking Water - Reduces turbidity and chlorine; improves taste and clarity (F)
- Boilers - Reduction of turbidity and sludge blowdown (F)
- Educational facilities - Boiler and cooling tower make-up water for scale reduction and improved energy costs (S)
- Restaurants - For dishwashing, cleaning material savings, scale reduction (S)
- RO Softener / DI Pretreatment (S & F)
- Car washes - Improved rinsing results, detergent and water heating savings, scale reduction (S & F)
- Apartment buildings, assisted living facilities and hotels - Quality water for laundry, dishwashers, boilers (S)
- Grocery / Retail - Quality water for aesthetics and to help extend equipment life (S & F)
- Light industry - For process and make-up water, boiler and cooling system pretreatment, general housekeeping (S). Reduction of particulate matter (F)
- Office buildings - For heating plant pretreatment, tenant convenience, general housekeeping (S)

**Culligan® Side Mount (CSM™) Skid System Standard Features**

- Corrosion resistant, steel tanks (non-ASME) with epoxy interior lining and a finish coat painted exterior
- All Softener systems include flow meters
- Culligan®'s smart controller (GBE) and communication cables are included to provide programming and monitoring capabilities typically found in more expensive PLC controls
- Bagged media included

## Culligan® Side Mount (CSM™) Skid System Standard Features

- Telemetric capabilities
- Regeneration for filter systems are controlled by time clock on carbon filter systems and differential pressure switches on depth filter systems. Alternative meters (including Aqua-Sensor® kits) are available as an after-market item
- Brine systems are sold separately
- Culligan®'s Multiport Diaphragm Valves, designed for smooth operation, easy serviceability and to be free of water hammer
- All softener models include one stainless steel flow meter per tank

## Available Variations for Culligan® Side Mount (CSM™) Skid Systems

### Available Variations for Culligan® Side Mount (CSM™) Skid Systems

- Duplex (2 tanks) or Triplex (3 tanks) systems for increased holding capacity and grain removal
- All models are available with either Galvanized or PVC connecting (face piping) materials. The plumbing in and out of the tank through the control valve is always galvanized
- Culligan®'s patented Progressive Flow technology is available as an upgrade for all Parallel Flow models with purchase of additional kits and flow meters
- Alternating Flow is available for Duplex-configured softener models

## Culligan® Commercial and Industrial Advantages

### Culligan® Commercial and Industrial Advantages

- Simple System Integration
- Global Product Platform
- Flexible Configurations
- Quick Delivery/Easy Installation
- Exclusive Culligan® Advanced Electronics
  - Historical Operating Data
  - Alarm Recognitions
  - US Standard and Metric Readings
  - Remote Monitoring Options
  - Telemetry Options

## Additional Information

**Additional Information**

Save yourself the uncertainty of quoting customized solutions piecemeal with non-Culligan® systems. Our Commercial Skid Series are sold as standard part numbers with competitive pricing and lead times. Contact Culligan® today to find the best skid solution for you.

**Warranty****Warranty**

Culligan®'s CSM™ water softeners and filters are backed by a limited 1-year warranty against defects in material, workmanship and corrosion. In addition, softener tanks are warranted for a period of 5 years.

Culligan® will provide a copy of the warranty upon request. Some localities have corrosive water. A softener cannot correct this condition, so its printed warranty disclaims liability for corrosion of plumbing lines, fixtures, or water-using equipment. If you suspect corrosion, your independently operated Culligan® dealer has equipment to help control the problem.

**Note****Note**

Operational maintenance and replacement requirements are essential for advertised performance. Specifications shown are for single models.

120 Volt/24 Volt CUL/UL listed Transformer Included.

<sup>1</sup> Flow rate at a 15 psi pressure loss.

<sup>2</sup> Flow rate at a 25 psi pressure loss.