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Clinics  
Educational Facilities  
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Food / Beverage Production  
Food Service / Restaurants  
Grocery  
Healthcare / Hospitals / Bio-Pharmaceutical  
Hospitality / Lodging  
Manufacturing  
Municipal Drinking Water  
Oil / Gas

## The Culligan Hi-Flo® 3 Series

## WATER SOFTENER SYSTEM

An Entry-Level Solution for High-Quality Water

The Culligan Hi-Flo® 3 softener is an entry-level system that reduces the contaminants\* in water used for industrial processes and commercial consumption. The system requires only simple set up and maintenance to help deliver quality water.

The Hi-Flo 3 softener is part of the Culligan® Commercial and Industrial Solutions that combine durable and efficient equipment, systems experience, and technical experts who understand your unique requirements. From planning your system to installing your water treatment equipment, Culligan® Commercial and Industrial Solutions offer options that help deliver the quality of water to meet your needs. Consult with a Culligan® representative to create your solution.

#### CULLIGAN® COMMERCIAL & INDUSTRIAL ADVANTAGES:

- Simple System Integration
- Global Product Platform
- Flexible Configurations
- Quick Delivery / Easy Installation

\*Contaminants may not necessarily be in your water.



**PRE-TREATMENT SOLUTIONS.**

# SYSTEM SPECIFICATIONS

## Warranty

Culligan's Hi-Flo 50 water softeners 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.†

†See printed warranty for details. 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.

## Examples of Softener Applications

- RO / DI Pretreatment
- Apartment buildings, assisted living facilities and hotels — Quality water for laundry, dishwashers, boilers
- Office buildings — For heating plant pretreatment, tenant convenience, general housekeeping
- Restaurants — For dishwashing, cleaning material savings, scale reduction
- Car washes — Quality results, detergent and water heating savings, scale reduction

- Light industry — For process and make-up water, boiler and cooling system pretreatment, general housekeeping

## Standard Features

- Corrosion Resistant Tanks — Made from fiberglass- reinforced polyester, additional reinforcement from continuous fiberglass overwrap
- Under-drain design enhances softening capacity and reduces pressure loss
- Softening Media — High quality resin provides stability and uniform size for top performance and long life
- Cycle Controllers — Regeneration cycle may be initiated by timeclock
- NSF 61 Rating

- Positive Motor-Driven Regeneration Valve — Motor driven piston is reliable under severe water conditions, resists dirt, iron, turbidity
- Automatic Brine Control — Automatically measures the correct amount of brine

## Optional Features & Accessories

- Dubl-Safe™ Brine System — Positive overflow protection Automatic refill control is backed up by shutoff float valve to reduce chance of overflow

## System Specifications

Specification	US	Metric
Inlet Pressure (dynamic)	30–120 psig	210–830 kPa
Power Voltage Frequency Phase	120 Volts 50/60Hz	
Turbidity	5.0 NTU, max. <sup>2</sup>	
Chlorine	1.0 mg/L, max. <sup>2</sup>	
Iron	5 mg/L	
Vacuum	None <sup>1</sup>	
Feed Water Temperature	40–100° F	4–38° C

<sup>1</sup>Tank warranty is void if subject to vacuum

<sup>2</sup>See media specification for details

## Hi-Flo 3 Water Softener System

Model	Resin Qty. (ft <sup>3</sup> /L)	Pipe Size (in/mm)	Flow Rates (gpm/lpm)		Tank Size (in/mm)	
			Continuous*	Peak**	Resin Tank	Brine Tank***
HC-60-1.5T	2	1.5	22	29	12 x 52	18 x 38
	57	38	83	110	305 x 1,321	457 x 965
HC-90-1.5T	3	1.5	29	37	14 x 65	24 x 40
	85	38	110	140	356 x 1,651	610 x 1,016
HC-120-1.5T	4	1.5	29	37	16 x 65	24 x 40
	113	38	110	140	406 x 1,651	610 x 1,016
HC-120-2T	4	2	45	60	16 x 65	24 x 50
	113	51	170	227	406 x 1651	610 x 1,270
HC-150-1.5T	5	1.5	40	55	18 x 65	24 x 50
	142	38	151	208	457 x 1,651	610 x 1,270
HC-150-2T	5	2	60	78	18 x 65	24 x 50
	142	51	227	295	457 x 1,651	610 x 1,270
HC-210-2T	7	2	58	76	21 x 62	24 x 50
	198	51	220	288	533 x 1,575	610 x 1,270
HC-300-2T	10	2	65	85	24 x 72	30 x 50
	283	51	246	322	610 x 1,829	762 x 1,270
HC-450-2	15	2	75	100	30 x 72	30 x 50
	425	51	284	379	762 x 1,829	762 x 1,270

\*Flow rate at a 15 psi pressure loss.

\*\*Flow rate at a 25 psi pressure loss.

\*\*\*Brine systems are optional. Size shown is size most commonly selected.

Flow rates shown are per tank.

Low flow channeling (flow rates less than 0.5 gallons per minute per cubic foot of resin) may cause hard-ness leakage into effluent.



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For over 80 years, Culligan® has made better water. Our global network, comprised of 800+ dealers and international licensees in over 90 countries, is dedicated to addressing your water-related problems. As a worldwide leader in water treatment, our sales representatives and service technicians are familiar with the local water conditions in your area. Being global and local position us to deliver customized solutions to commercial and industrial water issues that affect your business and your bottom line.

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