



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 Matrix 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 Matrix Solutions offer options that help deliver the quality of water to meet your needs. Consult with a Culligan representative to create your solution.

*contaminants may not necessarily be in your water

EXAMPLES OF MARKETS SERVED:

CLINICS
 EDUCATIONAL FACILITIES
 ENERGY & POWER
 FOOD & BEVERAGE PRODUCTION
 FOOD SERVICE/RESTAURANTS
 GROCERY
 HEALTHCARE/HOSPITALS/BIO-PHARMACEUTICAL
 HOSPITALITY/LODGING
 MANUFACTURING
 MUNICIPAL DRINKING WATER
 OIL & GAS

Culligan Matrix Solutions Advantages:

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



**Pre-Treatment
 Solutions**



Membrane
 Solutions



Deionization
 Solutions



Storage
 Solutions



Distribution
 Solutions

Warranty

Culligan's Hi-Flo 3 water softeners are backed by a limited 1-year warranty against defects in materials, workmanship, and corrosion. The plastic conditioner tank has a 5-year warranty. See printed warranty for details. †

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.

†See printed warranty for details. Culligan will provide a copy of the warranty upon request.

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 timer
- 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. ²	
Chlorine	1.0 mg/L, max. ²	
Iron	5 mg/L	
Vacuum	None ¹	
Feed Water Temperature	40–100° F	4–38° C

¹Tank warranty is void if subject to vacuum

²See media specification for details

Hi-Flo 3 Water Softener System

Model	Resin Qty. (ft ³ /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 1,651	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 of a 15 psi pressure loss.

**Flow rate of 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 hardness leakage into effluent.

Finally, an end-to-end solution from a single source.



Place your commercial and industrial water treatment needs in the hands of a global leader.

For over 70 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.

www.culliganmatrixsolutions.com • 866-787-4293

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