



Culligan®

Culligan® Heavy Duty Commercial Filters

Apartments

Assisted Living

Cafeterias

Casinos

Educational Facilities

Food Service

Government

Grocery

Health Clubs

Hospitality/Lodging

Hospitals

Institutions

Laundry

Manufacturing Facilities

Office Buildings

Printing

Theme Parks

Travel Centers

Vehicle Wash



Culligan's Hi-Flo® 42 Commercial Filters

Standard Features

- 24 Volt Culligan's MVP™ Controller – Field programmable with a back-lit LCD display and UL listed 120v/24v transformer.
- Single, Duplex, Triplex, or Quad Configurations
- Regeneration initiation by choice of time clock, meter or differential pressure switch.
- Carbon Filters – For reduction of organics (flow rates up to 39gpm), or chlorine (flow rates up to 77gpm).
- Depth Filters – Flow rates up to 193gpm.
- Top-Mounted Control Valve – Keeps plumbing connections simple and adaptable. Full flow porting with rounded orifices and wide-open cartridges promote good flow characteristics and low pressure fluctuations.
- Corrosion resistant tanks – Made of low carbon steel with epoxy interior lining and finish coat painted exterior or fiberglass reinforced polyester (FRP) with additional reinforcement from continuous fiberglass overlap.

Trust The Water Experts®



Culligan's Hi-Flo[®] 42 Commercial Filters

Applications and Benefits

- Food and Beverage—Superior taste and increased cost savings.
- Drinking Water—Reduces turbidity and chlorine; improves taste and clarity.
- Boilers—Turbidity reduction, minimize sludge blowdown.
- Light Industry Processes—Reduces particulate matter.
- Pretreatment—For softeners, RO's and DI systems.
- Vehicle Wash—Turbidity reduction.

Options

- Patented Progressive Flow—Culligan's MVP™ controller can monitor flow demands, bringing additional tanks on-line or off-line as flows increase or decrease.
- Differential Pressure Switch
- A.S.M.E. Code Tanks
- Sample cocks and pressure gauges
- Separate source regeneration kits
- Skid mounting
- Flow meter

Warranty

Culligan's *Hi-Flo* 42 water filters are backed by a limited 1-year warranty against defects in material, workmanship and corrosion. In addition, tanks carry a limited 5-year warranty.*

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

System Specifications

Pressure: 40–100 psig
207–690 kPa
Power: 120 VAC/24 VAC
50/60 Hz
Temperature: 40–120°F
4–49°C

	Model	Water Quality						Backwash Flow Rate (GPM)	Valve Size (inches)
		Superior*		High**		Utility***			
		Flow Rate (GPM)	Pressure Loss (PSI)	Flow Rate (GPM)	Pressure Loss (PSI)	Flow Rate (GPM)	Pressure Loss (PSI)		
Depth Filters	HD-20T	22	4	33	8	44	14	30	2
	HD-24T	32	5	48	9	63	12	48	2
	HD-30T	50	7	74	11	99	15	70	2
	HD-36T	71	10	107	19	142	29	90	2
	HD-42T	97	14	145	32	193	58	135	2
Carbon Filters	HR-20T	9 ¹	1 ¹	14	2	18 ²	3 ²	20	2
	HR-24T	13 ¹	2 ¹	19	3	26 ²	4 ²	30	2
	HR-30T	20 ¹	2 ¹	30	4	40 ²	5 ²	48	2
	HR-36T	29 ¹	2 ¹	42	4	57 ²	7 ²	70	2
	HR-42T	39 ¹	3 ¹	58	6	77 ²	9 ²	90	2

* Superior – Best quality water with lowest pressure loss. Recommended for influent suspended solid loads up to and greater than 300 ppm.

** High – Very good quality water with increased pressure loss. Recommended for influent suspended solid loads less than 300 ppm.

*** Utility – Satisfactory quality water with greatest pressure loss. Shorter on line time between backwashing. Recommended for influent suspended solid loads less than 150 ppm.

¹ For Sediment and organic removal use the flow rates from the superior water quality column.

² For chlorine removal only, use the flow rates from the utility water quality column.

All pressure drop figures are based on new filter media and a water temperature of 60°F. Depth filters are capable of 10 micron effluent water quality, whereas all other filter types are capable of 40 micron effluent water quality.

“Hey Culligan Man!”[®]



The contaminants or other substances removed or reduced by this water treatment device are not necessarily in your water.

The product is covered by the following patents.
Controller Board Assembly: US 5351199, 5751598;
Canada 2090757; DE 69204445.0; KR 215487; JP 3226284
Filter: US 5073255, 5273070, 4534867

www.culligan.com

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