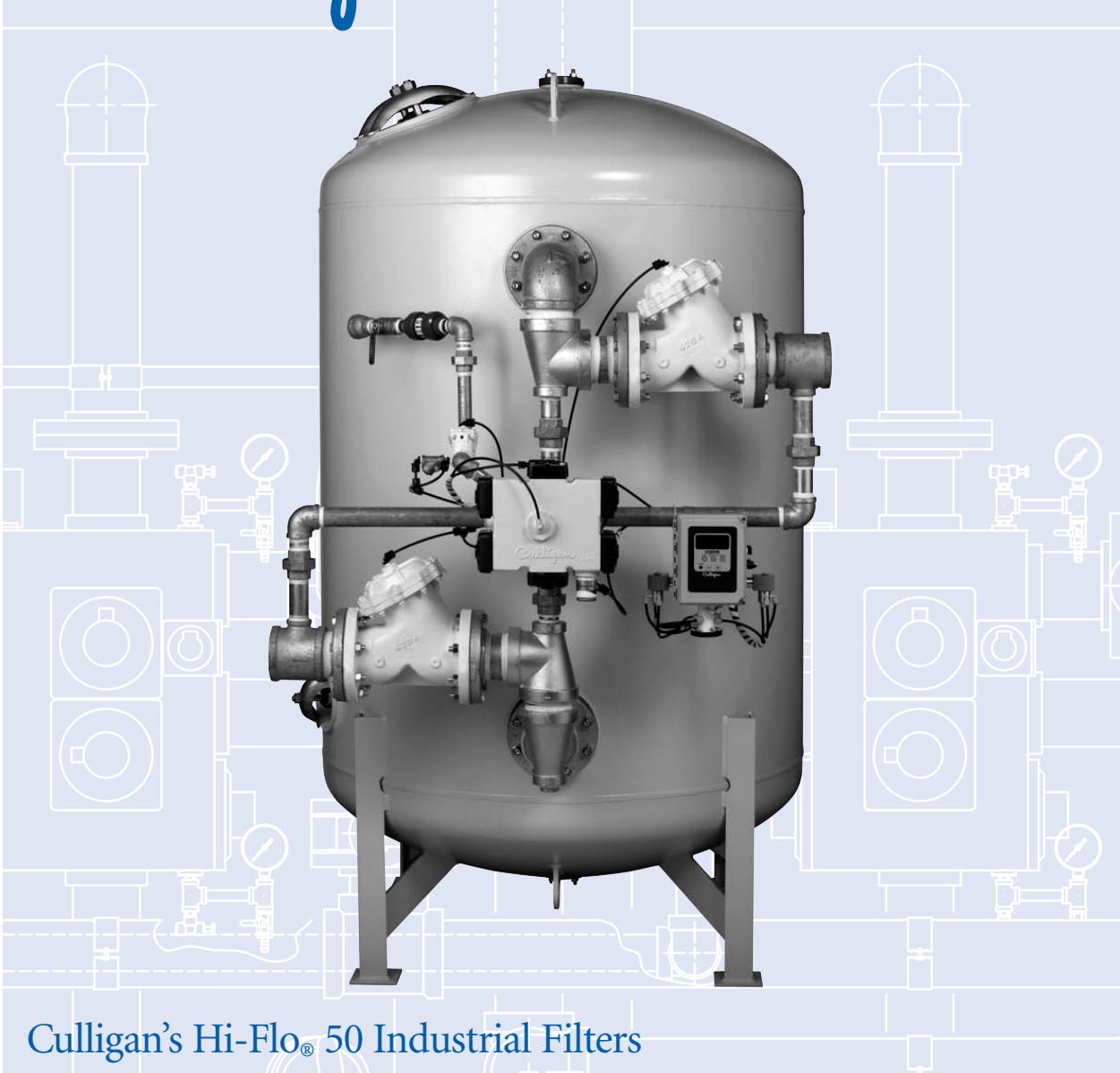




# Culligan®

## Culligan® Heavy Duty Industrial Filters

apartments  
assisted living facilities  
cafeterias  
casinos  
corporate campuses  
educational facilities  
food service  
government  
grocery  
health clubs  
hotel/hospitality  
institutions  
laundry  
manufacturing facilities  
theme parks  
travel centers  
vehicle wash



## Culligan's Hi-Flo® 50 Industrial Filters

### Standard Features

- 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 96gpm), or chlorine (flow rates up to 157gpm).
- Depth Filters – Flow rates up to 392gpm.
- Iron and Sulphur Removal – Flow rates up to 100gpm
- Side-Mounted Control Valve – Guided perimeter designed diaphragm valves are smooth operating and free of water hammer. All valve parts are easily accessible in the multiport design for ease of service.
- Corrosion resistant tanks – Made of low carbon steel with epoxy interior lining and finish coat painted exterior.

Trust The Water Experts®



# Culligan's Hi-Flo® 50 Industrial Filters

## Applications and Benefits

- Pretreatment – For water softeners, reverse osmosis and deionization systems.
- Boilers – Turbidity reduction, minimize sludge blowdown.
- Drinking Water – Turbidity reduction, chlorine reduction, improves taste and clarity.
- Food And Beverage – Superior taste.
- Industrial Processes – reduces particulate matter.
- Vehicle Wash – Turbidity reduction.

## Options

- Skid Mounted—fully pre-piped and wired systems for single point field utility connection of inlet, outlet, drain and power supply.
  - Patented Progressive Flow – Culligan's MVP™ Control can monitor flow demands bringing additional softening tanks on-line or offline as flows increase or decrease.
  - ASME Code Tanks
  - Flow Measuring Devices—are available for volume based regeneration initiation.
  - Differential Pressure Switch
  - Gauge Packages—pressure gauges provided for mounting at the inlet and outlet connection.
- 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.

## System Specifications

|              |                                    |
|--------------|------------------------------------|
| Pressure:    | 30–100 psig<br>210–690 kPa         |
| Power:       | 120 Volts /60hz<br>220 Volts /50hz |
| Temperature: | 40–120°F<br>4 - 49°C               |

## Warranty

Culligan's *Hi-Flo* 50 water softeners are backed by a limited 1-year warranty against defects in material, workmanship and corrosion. In

|                | 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-483  | 126              | 5                   | 190             | 10                  | 252              | 16                  | 188                      | 3                   |
|                | HD-544  | 159              | 5                   | 240             | 8                   | 318              | 11                  | 210                      | 4                   |
|                | HD-604  | 196              | 4                   | 300             | 10                  | 392              | 17                  | 270                      | 4                   |
| Carbon Filters | HR-4825 | 50 <sup>1</sup>  | 2 <sup>1</sup>      | 75              | 6                   | 100 <sup>2</sup> | 10 <sup>2</sup>     | 136                      | 2 1/2               |
|                | HR-543  | 64 <sup>1</sup>  | 4 <sup>1</sup>      | 95              | 8                   | 127 <sup>2</sup> | 13 <sup>2</sup>     | 160                      | 3                   |
|                | HR-603  | 96 <sup>1</sup>  | 4 <sup>1</sup>      | 118             | 2                   | 157 <sup>2</sup> | 5 <sup>2</sup>      | 210                      | 3                   |
| Iron Filters   | HG-4825 | 65 <sup>3</sup>  | 4 <sup>3</sup>      |                 |                     |                  |                     | 160                      | 2 1/2               |
|                | HG-5425 | 80 <sup>3</sup>  | 6 <sup>3</sup>      |                 |                     |                  |                     | 210                      | 2 1/2               |
|                | HG-6025 | 100 <sup>3</sup> | 4 <sup>3</sup>      |                 |                     |                  |                     | 240                      | 2 1/2               |

\* 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.

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

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

<sup>3</sup> Iron Filter Flow Rates and Pressure Loss are recommended maximums for proper system operation.

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!”®



www.culligan.com

1-800-CULLIGAN

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