

The smartest way to solve your water problems.

## Culligan® HE Filters



**UF, UR, UU and UFP MODELS**



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

# Culligan<sup>®</sup> MATRIX

SOLUTIONS<sup>™</sup>

## Culligan<sup>®</sup> HE Filters (HIGH EFFICIENCY)

Choose the filter that uses smart technology.



### Culligan<sup>®</sup> HE Filters example of markets served:

- Bio-pharmaceutical
- Clinics and Hospitals
- Educational facilities
- Energy & Power
- Food & Beverage Production
- Food Service & Restaurants
- Hospitality & Lodging
- Municipal Drinking Water
- Oil & Gas



Control display for  
Culligan<sup>®</sup> HE Filters

The high efficiency (HE) filter with patented technology delivers improved efficiency by reducing contaminants that affect equipment performance and durability.

**Culligan's HE Filter** range is available in 4 different media types, designed for a range of water quality challenges.

### FILTR-CLEER<sup>®</sup> UF MODELS, FOR SUSPENDED SOLIDS REMOVAL

Water can be turbid due to suspended solids. Culligan Filters remove any kind of turbidity and suspended solid present in the water. The Filtr-Cleer filter is four filters in one. They work at different levels, stacked on top of each other, each removing a particular size of sediment particle resulting in clear, high quality water.

### CULLAR<sup>®</sup> (UR) MODELS, FOR UNDESIRED ODOURS AND TASTE REMOVAL

Cullar Filters are activated carbon filters designed to reduce contaminants that cause water to taste and smell unpleasant, including the taste and odor of chlorine. They also work against most discoloration problems.

### CULLNEU<sup>®</sup> (UU) MODELS, FOR ACIDITY REMOVAL AND PH CONTROL

Acid and low-pH waters can be dangerous for piping and sanitary systems. Acid water is aggressive towards Iron and Copper piping without internal protection, producing red or blue blemish. Cullneu Filters avoid this inconvenience by neutralizing acidic water.

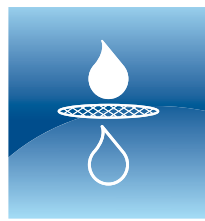
### SUPER IRON (UFP) MODELS, WITH CATALYTIC EFFECT

Super Iron is a multi-layer filter using a selective mineral with a catalytic effect ideal treating waters contaminated with Iron and Manganese.

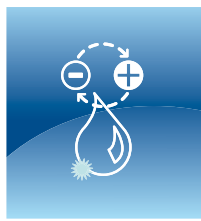
With the **Culligan Smart Controller**, available on the HE, customers can easily set up a single or multiple tanks system that automatically **adjusts to flow demands**. Customers can also monitor their water treatment system performance, consumable usage, and maintenance needs, at a single site or across multiple ones **24 hours a day**.



**PRE-TREATMENT  
SOLUTIONS**



**MEMBRANE  
SOLUTIONS**



**DEIONIZATION  
SOLUTIONS**



**STORAGE  
SOLUTIONS**



**DISTRIBUTION  
SOLUTIONS**

## **THE SMART TECHNOLOGY IS SO SIMPLE THAT ALLOWS TO "SET UP AND FORGET" THE FILTER**

With an optional modem, the Culligan® HE Filter will even alert your Culligan dealer if media needs to be replaced or your filter needs a service so the dealer can arrange a service call before you even know there is an issue!

## **Technical characteristics**

- Simple System Integration - The **Culligan Smart Controller** provides more control over your equipment and connectivity than ever before. The smart controller is found across the Culligan Matrix Solutions range (softeners, filters, Reverse Osmosis etc) allowing for simple connectivity and control of systems without the need for expensive or complex PLC controls.
- **Automatic bypass valve** provides the convenience of bypassing the water filter from the filter itself or the remote display.
- **Exclusive Culligan® Soft-Minder®** meter monitors daily water use and provides advanced system diagnostics.
- The easy-to-read **back-lit display** with digital clock lets you know your filter is working and warns of system malfunctions.
- Optional **remote display** makes it possible to control and monitor the filter from up to 60m away.

## **RELIABLE AND EXCLUSIVE DESIGN**

- **Exclusive, non-corrosive valve** with motorized pistons provide more reliability than rotary valve systems.
- **Multi-piston design of valve** allows for easy service and increases durability and valve life
- 1.5" units come with corrosion resistant resin tanks, made from fiberglass reinforced polyester

## **MAXIMUM EFFICIENCY**

**UF, UR, UU** and **UFP** Filters offer maximum water filtering capacity, stability and long life.



## CULLIGAN® HE FILTERS

Filter models	Overall Dimensions w x d x h cm	Peak Service Flow m³/h	Backwash Flow Rate m³/h	Pressure drop max bar	Connection type & size inlet/outlet/ drain	Shipping Weight Kg
HE UF 12	36x61x158	2,6 m³/h	2,3 m³/h	0.3 bar	BSP 1.5"/1.5"/0.5"	148 Kg
HE UR 12	36x61x158	1,8 m³/h	1,8 m³/h	0.3 bar	BSP 1.5"/1.5"/0.5"	123 Kg
HE UU 12	36x61x158	1,8 m³/h	1,8 m³/h	0.3 bar	BSP 1.5"/1.5"/0.5"	140 Kg
HE UFP 12	36x61x158	1,8 m³/h	1,8 m³/h	0.3 bar	BSP 1.5"/1.5"/0.5"	115 Kg
HE UF 14	36x61x191	3,6 m³/h	3,4 m³/h	0.4 bar	BSP 1.5"/1.5"/0.5"	179 Kg
HE UR 14	36x61x191	2,5 m³/h	2,3 m³/h	0.1 bar	BSP 1.5"/1.5"/0.5"	179 Kg
HE UU 14	36x61x191	2,5 m³/h	2,3 m³/h	0.1 bar	BSP 1.5"/1.5"/0.5"	220 Kg
HE UFP 14	36x61x191	2,1 m³/h	3,4 m³/h	0.4 bar	BSP 1.5"/1.5"/0.5"	145 Kg
HE UF 16	41x61x191	4,7 m³/h	4,5 m³/h	0.4 bar	BSP 1.5"/1.5"/0.5"	255 Kg
HE UR 16	41x61x191	3,2 m³/h	3,4 m³/h	0.1 bar	BSP 1.5"/1.5"/0.5"	231 Kg
HE UU 16	41x61x191	3,2 m³/h	3,4 m³/h	0.1 bar	BSP 1.5"/1.5"/0.5"	272 Kg
HE UFP 16	41x61x191	2,5 m³/h	3,4 m³/h	0.4 bar	BSP 1.5"/1.5"/0.5"	197 Kg
HE UF 21	53x61x160	8,1 m³/h	6,8 m³/h	0.9 bar	BSP 1.5"/1.5"/0.5"	322 Kg
HE UR 21	53x61x160	5,4 m³/h	5,7 m³/h	0.5 bar	BSP 1.5"/1.5"/0.5"	247 Kg
HE UU 21	53x61x160	5,4 m³/h	6,8 m³/h	0.5 bar	BSP 1.5"/1.5"/0.5"	336 Kg
HE UFP 21	53x61x160	3,0 m³/h	6,8 m³/h	0.9 bar	BSP 1.5"/1.5"/0.5"	286 Kg



### SYSTEM SPECIFICATIONS

Operating Pressure min/max = 2.0 / 8.3 bar

Operating Temperature min/max = 0.5 / 49 °C

Electrical Requirements = 230/24V - 50/60 Hz

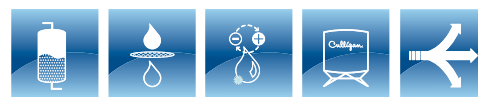
Power consumption = 8,4 - 21,61 Watt

For over 75 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.

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

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

QUALITY SYSTEM CERTIFIED ACCORDING TO UNI EN ISO 9001:2008 NORM



## CULLIGAN

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Culligan reserves the right to change any technical or design specifications for the models shown in this brochure.

**Culligan**

**better water. pure and simple.**