

# CLEAN MEMBRANES

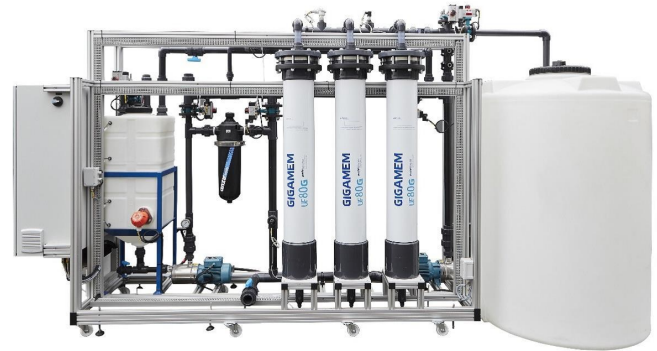
## C<sup>2</sup>-UF HB Standard Healthy Buildings System

The C<sup>2</sup>-UF system from Clean Membranes offers the world's most compact, packaged ultrafiltration (UF) water treatment technology.

The C<sup>2</sup>-UF HB system is specifically designed to eliminate > 99.9999% of *Legionella* bacteria and other pathogenic bacteria and > 99.9% viruses from the water supply **at the point of entry** to a building or facility.

The C<sup>2</sup>-UF HB system is appropriate for all senior living, nursing home, and hospital facilities where contamination of the water supply is a concern for vulnerable populations.

The C<sup>2</sup>-UF HB system is consistent with the *Legionella* risk management process for building water systems outlined in ASHRAE Standard 188.



The C<sup>2</sup>-UF 30 HB system features three of Polymem's compact Gigamem® UF80G modules.

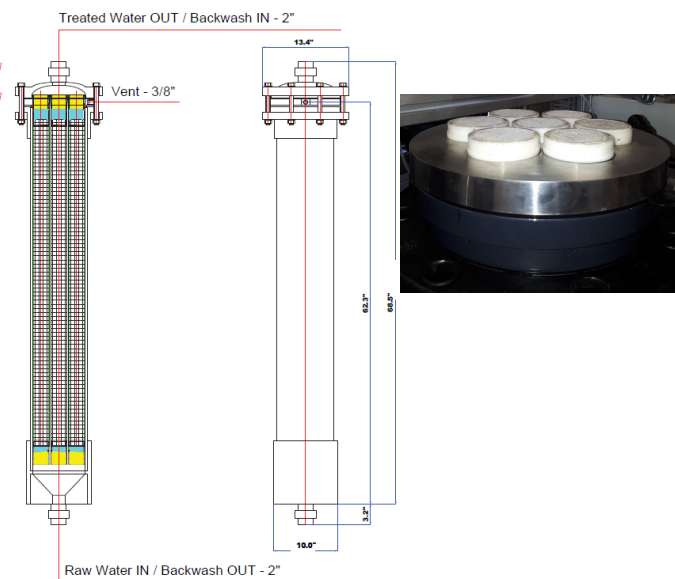
The data below illustrate the performance of the three module C<sup>2</sup>-UF 30 HB system. Systems containing 1 and 2 filtration modules for smaller system capacities are also available.

Max. Instantaneous Flow Rate	57 gpm*
Max. Daily Production	71,000 gallons*
Max. Inlet Pressure	58 psi
Max. Backwash Pressure	36.2 psi
Max. Filtration TMP	21.7 psi
Operating Temperature	32-104 °F
Cleaning pH	2-11
Feed Turbidity	0-100 NTU
Membrane Material	Neophil™ PVDF
Pore Size (nominal)	0.025 µm
Power Supply	230 VAC, 3-phase
Cleaning Chemicals	NaOCl, Acid, Base
Cleaning Frequency	Water Quality Dependent*

\*Capacity and cleaning frequency may vary based on operating conditions. See operating manual for additional information.

### Membrane Performance

Outlet Turbidity	< 0.1 NTU
Outlet SDI <sub>15</sub>	<< 3
Bacteria Reduction	> 6 log
Virus Reduction	> 3 log



Each 9" OD Gigamem® UF80G module is uniquely composed of 7 individually replaceable fiber bundles for superior performance.

Contact Clean Membranes for more information.

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