

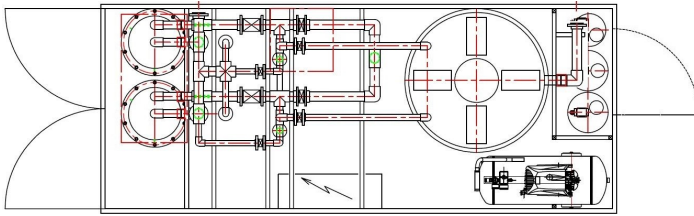


C²-UF 200C Containerized System Specification Sheet

The C²-UF product line from Clean Membranes offers the world's most compact, packaged ultrafiltration (UF) systems. The integrated, highly innovative **Gigamem[®] UF240** module from Polymem contains a large membrane surface area, which enables the system's high production capacity within a remarkably small footprint.

The 24" OD **Gigamem[®] UF240** module houses **52 individually replaceable fiber bundles** for a total of 5,813 ft² of membrane surface area. Each bundle can be independently installed, inspected, repaired, or removed if necessary, thereby overcoming the complications typically associated with large filtration modules.

The C²-UF 200C is a fully self-contained treatment system, requiring only electricity and water connections in order to operate. Built into a standard 20' ISO shipping container, the system contains two **Gigamem[®] UF240** modules and all of the necessary supporting equipment.



Schematic of the C²-UF 200C containerized system with two **Gigamem[®] UF240** modules.

C²-UF 200C System Connections

Key Tie-In Points	Line Size	Connection
1 Inlet (Feed)	DN4"	Camlock
2 Outlet (Filtrate)	DN4"	Camlock
3 BW Waste	DN4"	Camlock
4 Drain (Waste)	DN2"	Camlock

C²-UF 200C System Dimensions

Length	239"
Width	96"
Height	114"

All dimensions in this table are approximate.

Contact Clean Membranes for more information.

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The C²-UF 200C containerized system features two of Polymem's compact **Gigamem[®] UF240** modules.

C²-UF 200C System

Max. Instantaneous Flow Rate	285 gpm*
Max. Daily Production	375,000 gallons*
Max. Inlet Pressure	58 psi
Max. Backwash Pressure	36.2 psi
Max. Filtration TMP	21.7 psi
Operating Temperature	32-104 °F
Max pH Range (CEB & CIP)	2-11
Membrane Material	Neophil [™] PVDF
Pore Size (nominal)	0.025 µm
Power Supply	460 VAC, 3-phase
Cleaning Chemicals	NaOCl, acid, base
Cleaning Frequency	Water quality dependent*

*Production, cleaning frequency, and cleaning protocol will vary based upon operating conditions. See operating manual for additional information.

Membrane Performance

Outlet Turbidity	< 0.1 NTU
Outlet SDI ₁₅	<< 3
Bacterial Reduction	> 6 log
Virus Reduction	> 3 log