

■ Product Datasheet

# HFUG-L1720AN

## Pressurized Outside to In / Dead-end Filtration Ultrafiltration (UF) Membrane Module

The HFUG-L1720AN module retains Toray's unique membrane fiber characteristics. These include high permeability, low fouling, and high mechanical strength. The HFUG-L1720AN module, which is shorter than the existing HFUG-2020AN module, is particularly suited to systems and/or equipment with height limitations. Its compact size not only allows for the tightest packing but also enhances the filtration performance of your equipment.



Membrane Characteristics		Unit	Value
Membrane Material			PVDF (Polyvinylidene fluoride)
Nominal Pore Size		μm	0.01
Outer Membrane Surface Area		m <sup>2</sup> (ft <sup>2</sup> )	67 (721)
Operating Parameters		Unit	Value
Maximum Feed water / Filtrate Flow		m <sup>3</sup> /h (gpm)	11.1 (48.8)
Maximum Backwash Flow		m <sup>3</sup> /h (gpm)	12.5 (55)
Maximum Air Flow		Nm <sup>3</sup> /h (scfm)	9.0 (5.3)
Maximum Inlet Pressure		kPa (psi)	300 (43.5)
Maximum Backwash Pressure		kPa (psi)	300 (43.5)
Normal Operating Trans-membrane Pressure		kPa (psi)	0–200 (0–29)
Operating Temperature Range		°C (°F)	1–40 (34–104)
pH Range	During Filtration		1–10
	During Cleaning		0–12

\*Please contact Toray for operating manual and preliminary design, as capacity per module is highly dependent on feed water quality.

### Applications

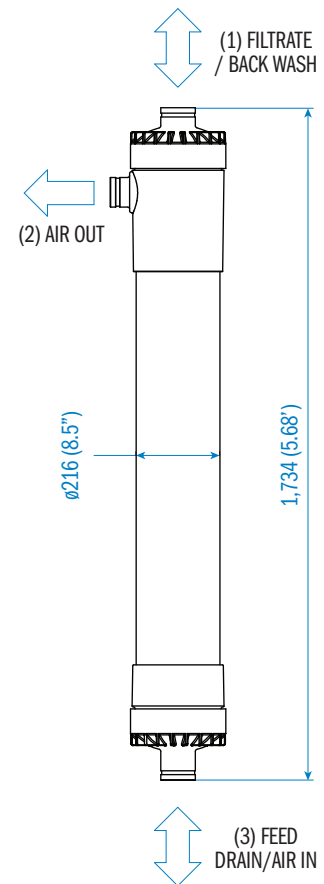
Drinking water, Industrial process water, Pretreatment for seawater RO desalination, Secondary and Tertiary wastewater

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Dimensions and Weight		Unit	Value
Diameter		mm (in)	216 (8.5)
Length		mm (ft)	1,734 (5.68)
Weight	Full of Water	kg (lbs)	70 (154)
	After Draining	kg (lbs)	40 (88)
Connections		Value	
(1) Filtrate / Backwash		Housing type joint, 80A	
(2) Air Out		Housing type joint, 65A	
(3) Feed Drain / Air In		Housing type joint, 80A	
Material Composition			
Casing		uPVC	
Cap		uPVC	
Potting		Epoxy resin	
O-ring		EPDM	



Please contact Toray for more detailed drawing and dimensions.

Toray accepts no responsibility for results obtained by the application of this information or the safety or suitability of Toray's products, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each product combination for their own purposes.

All data may change without prior notice, due to technical modifications or production changes. Please be sure to inquire about the latest product specifications.

**Headquarters**

Japan +81 3 3245 4542

**Asia Pacific**

China (TBMC) +86 10 8048 5216  
Singapore (TAS) +65 6226 0525  
Korea (TAK) +82 2 3279 7365

**Americas (TMUS)**

USA +1 (858) 218 2360

**Europe & Sub-Saharan Africa (TMEU)**

Switzerland +41 61 415 8710

**Middle East (TMME)**

Saudi Arabia +966 13 568 0091  
U.A.E. +971 4 392 8811

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