

MODEL : UNA620A-DCA

Performance*1	Process Capacity Typical Range: 4.0-10 m ³ /h/ 17-44 gpm
Dimensions / Weight	Membrane Area: 99 m ² / 1065 ft ² Module Length: 2300 mm / 90.5 in Module Diameter: 218 mm / 8.6 in Weight: Empty 45 kg (99lbs) / Filled with Water 90 kg (198lbs)
Materials	Membrane: PVDF (TIPS)*2 Housing: ABS Potting: Polyurethane Gaskets: EPDM Preservative: 30% calcium chloride
Operating Parameter	Outside-in Filtration Module Maximum Operating Temperature: 40°C (104F) Maximum Transmembrane Pressure: 2 bar (29PSI) Maximum Inlet Pressure: 3 bar (43PSI) pH Range for Chemical Cleaning: 0-14 Available Free Chlorine Concentration for Chemical Cleaning: 5,000 ppm per cleaning BW Flowrate Range: 3-8m ³ /hr Air Scouring Flowrate: 8.5Nm ³ /hr CIP Circulation Flowrate: 3.0-3.5m ³ /hr
Chemical Resistance*3 (maximum cleaning condition per cleaning)	NaOCl 5,000 ppm as Cl ₂ (CT: 7,200,000mg/L • h) NaOH 4% HCl, H ₂ SO ₄ , Citric Acid 10%

*1 Please contact Asahi Kasei for operating sequence and system sizing, as capacity per module is depending on feed water quality, temperature, expected life, and other factors.

*2 TIPS: Thermally Induced Phase Separation.

*3 Please contact Asahi Kasei for application of other chemicals.

[Product Safety]

To ensure safe and proper use of the module, carefully read Operating Instructions and adhere to all of the safety instructions. Make sure to keep the latest Operating Instructions in a convenient location for consultation. Contact Asahi Kasei for the latest Operating Instructions.

[Intellectual Property]

Asahi Kasei agrees not to assert its own right under its patented invention about method for use of the membrane module(s) against the end-user of membrane module(s) manufactured by Asahi Kasei only to the extent necessary to use such module(s).

[Laws and Regulation of Countries]

Please verify that the product under consideration for purchase does NOT infringe any laws or regulations of countries where you are planning to import.

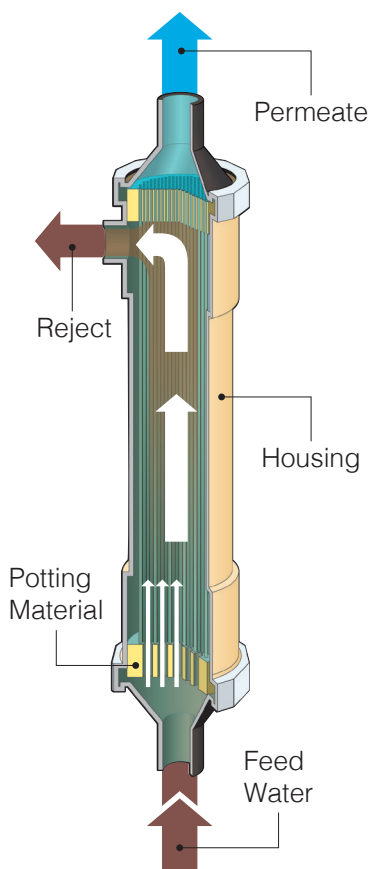
a) In some countries such as EU, importing of Calcium Chloride aqueous solution and Glycerin aqueous solution used for our products as wetting solution is regulated and importers are responsible for reporting annual import volume. Please check whether the countries have regulations on the wetting solutions. (See the attached information sheet.)

b) Please check purpose of use and materials of our products. In some countries, there are laws or regulations for the intended application and the materials of the product. The materials of our products can be checked by the operating Instructions shared by Asahi Kasei separately.

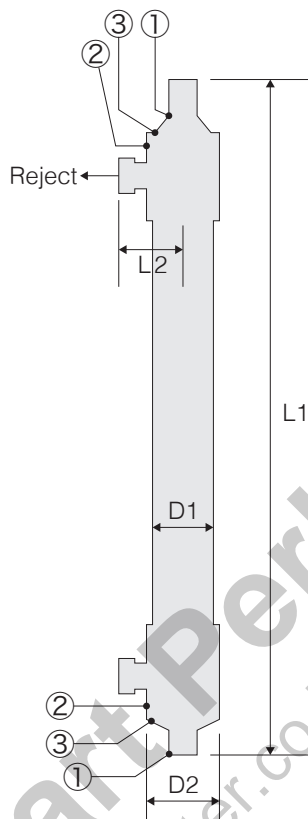
Issurance of purchase order after confirming there are no problems with these matters would be appreciated. If it is found the product may violate these laws and regulations, the importers are responsible for taking any appropriate actions.



Module Structure



Standard Connecting Parts & Materials



NO.	Parts	Material
①	Cap	GF m-PPE
②	Nut	GF-PP
③	Gasket	EPDM

Dimensions*

Module	Length(L ₁) mm / in	Length(L ₂) mm / in	Diameter(D ₁) mm / in	Diameter(D ₂) mm / in
UNA620A-DCA	2300 / 90.5	150 / 5.9	218 / 8.6	269 / 10.6

Note : The information provided in this literature was reviewed for accuracy at the time of publication. Product specifications may be subject to change without notice. For the latest information, consult your local Microza distributors or contact Asahi Kasei directly.

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