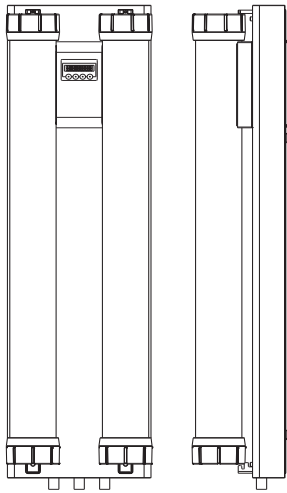


Data Sheet

LineGuard UF-100



Dimensions & Weight

Height	1130 mm	Depth	210 mm
Width	315 mm	Weight	40 kg

Connections

Feed water	22 mm
Permeate	22 mm
Connection to drain	22 mm

Storage & Handling

- During storage the modules must be dry.
- After first use the product must be protected against freezing.
- Handle with care; do not expose to shocks.

Product name Productcode

LineGuard UF-100 60.2.014

Packaging

Length	1200 mm	Height	350 mm
Width	400 mm	Weight	40 kg

Technology	Capillary ultrafiltration membranes		
	Module type	LG-100 UF	
	Number of modules per system	2	
	Connection to system	CWS Quick-Connect	
	Membrane area	4.5 m ² per module	
Performance	Initial flow rate ¹	60 L/min at 2 bar	
	Total capacity ¹	> 5.000 m ³	
	System efficiency ¹	> 98%	
	Cleaning cycles	backwash and forward flush	
	Control unit	Type CWS EC 2	
	Menu language	English, German, Spanish	
	Input data	cleaning cycle parameters	
	Output data	total volume, pressure drop, performance indication	
Compliance	Biological retention	viruses ²	>99.99% (log 4)
		bacteria ³	>99.9999% (log 6)
		cyst removal	>99.95% (log 3.3)
	Material safety	extraction tests	according to NSF/KTW
		Structural integrity	hydrostatic pressure
Operating conditions	Ambient temperature	min +1°C, max +60 °C	
	Storage temperature	min -10°C, max +60 °C	
	Feed water temperature	min +1°C, max +50 °C	
	Relative humidity	up to 100%	
	Supply voltage	90-264 VAC	
	Power consumption during cleaning	max. 20 W	
	Power consumption during filtering	max. 1 W	
	Maximum inlet pressure	6 bar	

¹ Flow rates and capacity depend on incoming water conditions

² Tested by KIWA water research using MS2 bacteriophages

³ Tested by KIWA water research using Bacillus Spores

MEMBER



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