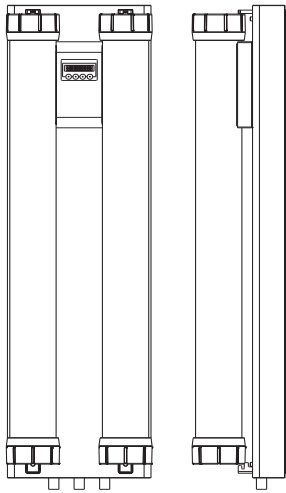


# Data Sheet

## 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

<b>Technology</b>	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 <sup>2</sup> per module	
<b>Performance</b>	Initial flow rate <sup>1</sup>	60 L/min at 2 bar	
	Total capacity <sup>1</sup>	> 5.000 m <sup>3</sup>	
	System efficiency <sup>1</sup>	> 98%	
	Cleaning cycles	backwash and forward flush	
	Control unit	Type CWS EC 2	
	Menu language	English, German, Spanish, Chinese	
	Input data	cleaning cycle parameters	
	Output data	total volume, pressure drop, performance indication	
<b>Compliance</b>	Biological retention	Viruses <sup>2</sup>	>99.99 % (log 6)
		Bacteria <sup>3</sup>	>99.99% (log 4)
		Cyst removal	>99.95% (log 3.3)
	Material Safety	Extraction tests	according to NSF/KTW
Structural Integrity	hydrostatic pressure	12 bar	
<b>Operating conditions</b>	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	

<sup>1</sup> Flow rates and capacity depend on incoming water conditions

<sup>2</sup> Tested by KIWA water research using MS2 bacteriophages

<sup>3</sup> Tested by KIWA water research using Bacillus Spores

MEMBER



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LG E 9-2008

## LineGuard UF-100