PENTAIR

TECHNICAL SHEET

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LINEGUARD UF-100 ULTRAFILTRATION SYSTEM

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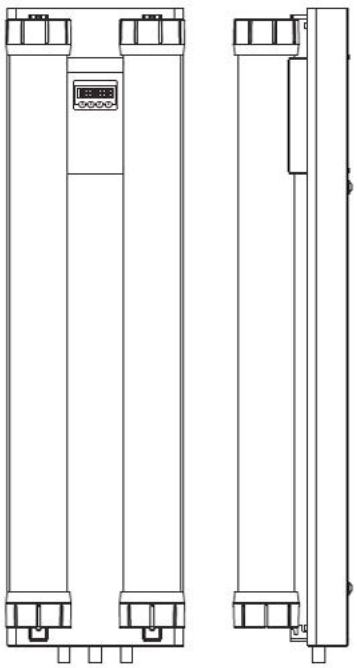
TECHNICAL CHARACTERISTICS

- Ambient temperature: min +1°C, max +50 °C
- Storage temperature: min +1°C, max +50 °C
- Feed water temperature: min +1°C, max +40 °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: 4 bar



PRODUCT SPECIFICATIONS

CONNECTIONS:

- Feed water: 22 mm, 3/4 inch (solder or compression fitting)
- Permeate: 22 mm, 3/4 inch (solder or compression fitting)
- Connection to drain: 22 mm, 3/4 inch (solder or compression fitting)

DIMENSIONS AND WEIGHT:

- Product:
  - Height 1150 mm
  - Width 316 mm
  - Depth 209 mm
  - Weight 40 kg
- Packaging:
  - Length 1200 mm
  - Width 400 mm
  - Height 350 mm
  - Weight 38 kg

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PERFORMANCE CHARACTERISTICS

PERFORMANCE	
Initial flow rate[1]	60 l/min @ 2 bar, sufficient for 4 tap connections
Total capacity[1]	> 5.000 m^3
System efficiency[1]	> 98%
Cleaning cycles	Backwash and forward flush
Membrane area	4.5 m^2
Control unit	Type CWS EC 2
Menu language	English, German, Spanish, French
Input data	Cleaning cycle parameters
Output data	Total volume, pressure drop, performance indication

COMPLIANCE	
Biological retention	Viruses[2]: >99.99% (log 4) Bacteria[3] >99.99999% (log 7)
Material safety	Extraction tests according to NSF/KTW
Structural integrity tested at	Hydrostatic pressure 12 bar
NSF P231	Compliant
UL	Compliant
KIWA ATA	Pending

[1] Flow rates and capacity depend on incoming water conditions
[2] Tested by Vitens water research using MS2 bacteriophages
[3] Tested by KIWA water research using Legionella Pneumophilia

www.pentairaquaeurope.com