

NEW PURELAB® Option-Q*Ultra pure water – direct from a potable water supply*

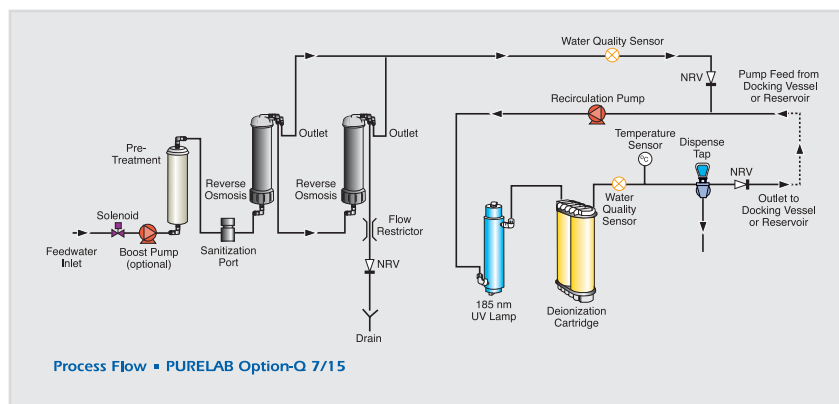
The PURELAB Option-Q is the latest compact ELGA system for producing ultra-pure water without the need for pre-purified feed. It can deliver up to 15 liters per hour (100 liters per 8 hour day) of 18.2 MΩ-cm water* direct from a potable water supply and dispense this at a flow rate of 1.0 L/min. This makes the PURELAB Option-Q the cost-effective choice for many laboratory applications. The PURELAB Option-Q features:

- A microprocessor-controlled management system for continuous monitoring of water purity
- Recirculation of purified water through DV25 Docking Vessel or reservoir – to maintain consistent peak water purity
- Adjustable audio-visual alarms – for total peace of mind
- Front-entry service doors for easy access to consumables
- Data collection capabilities through RS232 interface – for compliance with GLP guidelines
- Cartridge change indicator – to ensure optimal purification performance

*Conforms to Type 1 (ASTM and NCCLS) standards

The PURELAB Option-Q at a glance

PURELAB Option-Q	7/15
Water purity	Up to 18.2 MΩ-cm
Make-up flow rates	7 or 15 L/hr
Dispense flow rate	1 L/min
Purification Technologies	
Long life integral pre-filter	✓
Latest high-flux reverse osmosis	✓
High-capacity ion exchange cartridge	✓
185nm Photo-oxidation	✓
Recirculation through reservoir	✓
Optional 0.2µm point-of-use filter	✓



TECHNICAL SPECIFICATIONS

Ordering Information	
Units	Part Number
PURELAB Option-Q 7*	OQ007XXM1
PURELAB Option-Q 7 BP* (With boost pump)	OQ007BPM1
PURELAB Option-Q 15*	OQ015XXM1
PURELAB Option-Q 15 BP* (With boost pump)	OQ015BPM1
* Always order with DV25 Docking Vessel or 25, 40 or 75 Liter Reservoirs	
Accessories	
DV25 Docking Vessel	LA621
25 Liter Reservoir	LA611
40 Liter Reservoir	LA612
75 Liter Reservoir	LA613
Wall Mounting Kit (DV25, 25 and 40 Liter Reservoirs)	LA591
Wall Mounting Kit (75 Liter Reservoir)	LA592
Remote Control Station	LA675
Consumables	
Pre-treatment Cartridge	LC140
Reverse Osmosis Cartridge Module	LC143
Ion-exchange Cartridge Pack	LC163
UV Lamp	LC118
POU Filter	LC145
Sanitization Tablets	CT1
Composite Vent Filter	LC136M2

Performance Specifications	
Inorganics at 25°C	Up to 18.2 MΩ-cm
TOC	<10 ppb
Bacteria	<1 CFU/ml with POU filter (optional)
Particles	0.2 µm POU filter (optional)
pH	Effectively neutral
Product Specifications	
Dimensions	Height 460mm (18.1in) Width 550mm (21.7in) Depth 270mm (10.6in)
Weight (standard models)	Q 7: 18 kg (39.7 lbs) Q 15: 19 kg (41.8 lbs)
Operational Mode Displays	Power on Process on Standby Recirculation
Safety Features	Power fail-safe Automatic level controls Audio-visual alarms Auto-restart
System Monitoring	RO permeate purity (µS/cm) Product water purity MΩ-cm or µS/cm Product water temperature °C Reservoir level % full Consumable change reminders
Dispense Flows from Tap	1.0 L/min
Feedwater Specifications	
Source	Potable water
Maximum FI	10
Maximum Conductivity	1400 µS/cm
Maximum Free Chlorine	0.5 ppm
Maximum Carbon Dioxide	30 ppm
Temperature	1-35°C
Pressure Maximum	6 bar (90 psi) 2 bar (30 psi)
• Without boost pump	
• With boost pump	
Pressure Minimum	4 bar (60 psi) flooded suction
• Without boost pump	
• With boost pump	

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ELGA® is the global laboratory water brand name of Veolia Water.