

PURELAB® Option-R Water Purifiers

The PURELAB® Option-R System features all the technologies of the S series units with the added benefit of an integral recirculation feature to deliver better than double distilled quality water from a potable water source. The PURELAB® Option-R System is ideally suited for standard laboratory techniques and as pretreatment to ultrapure water polishing units where TOC is a concern.

Standard Features and Benefits

- 10 to 15 Megohm purity water
- Easy front loading cartridges
- Cartridge change indicator
- Microprocessor controlled system management with continuous water quality monitoring through unique GRID display (Option-R 7/15)
- Data collection capabilities through RS232 interface
- Adjustable audio-visual alarms
- Upgradable to higher flow rates
- Wall or bench mountable
- Supplied complete with all consumables



PURELAB® OPTION-R SYSTEM SPECIFICATIONS

Performance Specifications

MODEL	Resistivity MΩ -cm	TOC* (ppb)	Bacteria* CFU/ml	pH	Particulates	Flow Rate LPH @ 25° C
PURELAB Option-R 7/15	10 to >15	<20	<1	Neutral	>0.2 μm	7/15
PURELAB Option-R 30/60	1 to >15	<50	<1	Neutral	>0.2 μm	30/ 60

* Based on regular sanitization and proper maintenance of the system

System Dimensions

MODEL	HxWxD (in)	Weight (lbs)	Power Requirements
PURELAB Option-R 7/15	18.2x16.2x8.3	R7-39.8 : R15-41.9	110-240 V 50- 60 Hz
PURELAB Option-R 30/60	29.2x22.5x12.6	R30-116.8 : R60-119	110-120 V 60 Hz

Feed Water Parameters

MODEL	Feedwater	Maximum FI*	Max. Conductivity μS/cm	Max. Free Chlorine (ppm)	Temperature	Pressure w/out booster pump (psi)	Pressure w/booster pump (psi)
PURELAB Option-R 7/15	Potable	10	1400	<0.5	1-35° C	90 max/60 min.	30 max/flooded suction
PURELAB Option-R 30/60	Potable	10	1400	<0.5	1-35° C	NA	NA

* Fouling Index

Application	PURELAB Option-R 7/15	PURELAB Option-R 30/60
Glassware Washing/Rinsing	●	●
Cytology & Histology Preparations	●	●
Immuno-Cytochemistry	●	●
Spectrophotometry	●	●
Electrophysiology	●	●
Electrochemistry	●	●
RIA/ELISA	●	●
Flame AA	●	●
General Purpose HPLC	●	●



PURELAB® Option-R Water Purifiers

PURELAB® OPTION-R SYSTEM ORDERING INFORMATION

MODEL	Catalog Number
PURELAB Option-R 7	OR007XXM1
PURELAB Option-R 7 w/booster pump	OR007BPM1 (for feed waters less than 60 psi)
PURELAB Option-R 15	OR015XXM1
PURELAB Option-R 15 w/booster pump	OR015BPM1 (for feed waters less than 60 psi)
PURELAB Option-R 30	OPT030PLXX11503
PURELAB Option-R 60	OPT060PLXX11503

*Reservoir is required with Option-R (sold separately)
All units come complete with installation kit and full set of cartridges

Consumables and Accessories

Option-R 7/15		Option-R 30/60	
Pretreatment Cartridge	LC140	5 µm Carbon Filter	LC123
RO module (7.5 lph)	LC143	RO Module (30 lph)	LC115
Purification Cartridge	LC141	RO Module (60 lph)	LC119
Composite Vent Filter	LC136M2	Purification Cartridge	LC114
Point-of-Use Filter (0.2µm)	LC145	Point-of-Use Filter	LC106
UV Lamp	LC105	UV Lamp	LC105
Wall Mounting Bracket	LA622USA	Wall Mounting Bracket	LA593USA
Chlorine Sanitization Tablets	CT1	Cleaning Solution Elgalite RF	SOLU30966
Pressure Regulator Valve	LA512	Flow Upgrade Kit 30 to 60 lph	LA561
Booster Pump Kit	LA609	Installation Kit (supplied)	LA545
Flow Upgrade Kit (7 to 15 lph)	LA604		
RS232 Printer Kit	LA618		
Remote Control Station	LA625 (7/15 units only)		
Remote Dispensing Gun	LA629 (7/15 units only)		
Installation Kit (supplied)	LA513		

Storage Reservoirs - Required with system

Option-R 7/15		Option-R 30/60	
25 Liter Reservoir	LA611	40 Liter Reservoir	LA587
40 Liter Reservoir	LA612	75 Liter Reservoir	LA590
75 Liter Reservoir	LA613	Composite Vent Filter	LC136M2
DV 25 Liter Docking Vessel	LA621	Wall Mounting Kit (25/40 Liter Reservoir)	LA591USA
DV 25 Liter Mounting Bracket	LA591USA	Wall Mounting Kit (75 Liter Reservoir)	LA592USA
Composite Vent Filter	LC136M2		
Wall Mounting Kit (25/40 Liter Reservoir)	LA591USA		
Wall Mounting Kit (75 Liter Reservoir)	LA592USA		

