

Think. Inside. The. Box.

PURELAB® Option-Q*



Pre-treatment LC140

Lifetime expectancy: 6 months
What is purified from the water?
 Chlorine and particulates
Impact of not changing:
 Chlorine, chloramine and organics remain increasing the burden on downstream consumables which will need more frequent and expensive changes



Reverse Osmosis LC143

Lifetime expectancy: 24-36 months
What is purified from the water?
 Majority of organics and inorganics
Impact of not changing:
 High levels of organics and inorganics remain in the water reducing the functional life of the DI pack



DI Pack LC163

Lifetime expectancy: 6 months
What is purified from the water?
 Ions
Impact of not changing:
 Weakly bound ions are released back into the water reducing resistivity



UV light (185nm) LC118

Lifetime expectancy: 12 months
What is purified from the water?
 Purifies TOC, inactivates DNA and RNA
Impact of not changing:
 Uncontrolled bacterial contamination and TOC levels are not reduced



Composite Vent Filter LC136M2

Lifetime expectancy: 6 months
What protection does it provide?
 Reduces CO₂ and airborne organics from entering the sealed system
Impact of not changing:
 Increase in airborne contaminants and potential recontamination of purified




Point of Use Filter** LC145

Lifetime expectancy: 6 months
What is purified from the water?
 Particulates and bacteria
Impact of not changing:
 Potential recontamination of purified water and reduced flow rates

*A combination of technologies produce the final water specification

**For DNA, RNA & endotoxin specification at point of use, please use a LC197 Biofilter

For more information please contact your local ELGA water specialist:

 (877)-315 3542

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 e-shop!

