

Think. Inside. The. Box.

PURELAB® flex 3*



Reverse Osmosis LC217

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



UV light (185nm) LC210

Lifetime expectancy: 12-18 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



DI Pack LC214

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

Composite Vent Filter LC216

Lifetime expectancy: 12 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 water



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 treatments and technologies produce the final water specification

** For DNase, RNase & endotoxin specification at point of use, please use a LC197 Biofilter