



Think inside
the box

MEDICA R7/15*



Pre-Treatment Cartridge ELC140

Lifetime expectancy**: 6 months

What is purified from the water?

Removes chlorine, particles and organics

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 ELC143

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

Note: Replacement need technician support



UVC Lamp 254 nm ELC105

Lifetime expectancy**: 12 months

What is purified from the water?

Inactivates DNA and RNA

Impact of not changing:

Uncontrolled bacterial contamination



Micron Filter 0.2 µm ELC125

Lifetime expectancy**: 12 months

What is purified from the water?

Bacteria and particles

Impact of not changing?

Reduced flow-rates and bacterial specification will not be maintained



DI Pack ELC141

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 ELC136

Lifetime expectancy**: 6 months

What is purified from the water?

Reduces CO₂ and airborne organics from entering the sealed system

Impact of not changing:

Increase in airborne contaminants and potential recontamination of purified water

* A combination of treatments and technologies produce the final water specification

** Service life will depend on the application and feed water quality

