



C

CONTAINER
Customisable

F

FLOW RATE
Up to 40 l/min

P

POWER
Various

MODEL URBAN WATER UNIT

SPECIFICATION

A system especially developed to provide potable water to areas where the quality of the water is poor and contains bacterias, pollutants and if not treated, is hazardous to drink.

CONTAINER:

The Urban Water Unit can be built into a smaller container measuring at least 1800mm x 1000mm x 1000mm. Dependent on application will the container be adapted to environmental conditions and location

NUMBER OF LINES:

1 line with 6 filter houses

TUBING AND VALVES:

40 x 3,7 PEM Clamped Tube design

FILTER HOUSING:

30 inch grade- A Stainless steel housing

FILTER TYPES:

Electro spun Nano-fibre
Active carbon
Plasma treated steel mesh
UV filtration
Membranes

FILTER SIZES:

From 5 microns to 0,22 microns

MONITORING:

Clearwells water purification systems comes pre installed with a digital monitoring system. Enabling 24/7 surveillance. Different sensors can be added to the system to monitor turbidity, flow and levels of contaminants. All available through an in-house developed platform and app.

PUMP:

Grundfos or similar

POWER INLET:

Low voltage needs

FLOW RATE:

40 l/min or up to 50 m3/d

ADD-ONS:

Granulates
Sedimentation and Flocculation
Sand bed