for level
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coffee/tea
STORAGE/TANK

A rule, the CSIR guide for water usage in the home is +
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Example of a POE – TW3BB20-CTS – via manifold, chemical dosing kill bacteria fist - filtration system. Sediment & Carbon filtration to Sum. Inline system – treating all the water on demand up to 5000l/hr @ max 4bar. Ideal for areas with power problems and UV not practical & treatment of borehole, river or dam water.

Example of a POU – RO5OP/NP, 5 stage, under counter reverse osmosis water PURIFICATION system. Three phases of filtration for dissolved sediment, toxins & chlorine through carbon, membrane filtration to 0.0001 micron and post carbon filtration. Offering a high level of purified water. – Use as a large plant by majority of bottled water producers.

Example of a typical POE - TW3BB20-UV system linked to a ion-exchange hard water lime scale treatment system to first treat the water hardness CaCO3 and then filter and treat the water all on demand. Systems to treat dissolved iron/heavy metals and nitrate look similar to picture on left. Technical leaflets available on request.

To assist with a detailed quote, Nimbus require the following:

**REQUIRED WATER STORAGE/TANK SIZE – IF REQUIRED**
As a rule, the CSIR guide for water usage in the home is +/-8-110lt per person per day. Shower/bath, toilets, clothes washing, kitchen/dishes, food prep – no irrigation or pool fill. Or can calculate from your municipal account daily usage.

**WATER FILTRATION REQUIRED & LEGAL ISSUE of RISK – Service provider.**
Municipal water to tank, SHOULD comply with SANS241 standards for POTABLE WATER. Legally, once you place the water in a storage system, YOU become the service provider and your responsibility to ensure the water 24/7 is safe for Municipal washing, kitchen/dishes, food prep – no irrigation or pool fill. Or can calculate from your municipal account daily usage.

**POWER SUPPLY for water pressure pump and UV system**
Nimbus will need a 2 x 220V, 16AMP, external power point close to area of installation for the pump & UV on filtration system. Only a registered electrician may supply & install the power point if not in range of the system.

**TANK BASE IF REQUIRED**
A level compacted area, or building brick/paving, or concrete base area of Xm² x Ym² is required for the tank. Tank must be level. A full 2500lt tank is 2500kg, or 2.5 tons, 5000lt tank, 5.0 tons. Nimbus can cost this into our quote or can be done by client appointed contractor to size specification supplied by Nimbus.

Example of a POU, TW2 & 3BB20-UV filtration system. Sediment & Carbon filtration to Sum with SS ultra violet & CB, to kill bacteria & disinfect the water. Inline system – treating all the water on demand up to 3000-5000l/hr @ max 4bar. Ideal for most domestic water treatment and commercial offices/building, hotels, lodges...