

## Alka City TOTAL Manual

Please read the following instructions carefully as they are important to respect, otherwise there may be damage to the equipment or people's health:

FluorEX Max filter: Due to the nature of the structure of this cartridge, it should not be placed after any mineral filter as the minerals may clog it. Note: 1. It is highly recommended to place the Active Pure Xtra Filter (High Performance Active Carbon and KDF filter) before the FluorEX-Max to ensure that the FluorEX-Max cartridge is not inundated and competing for absorption of various other chemicals and is thereby free to function optimally for fluoride ion removal for longer period of time. 2.

Many filtration systems on the market do not properly regulate the water flow, which is crucial for proper filtration to occur. If your water is greater than 2 litres/min (if it takes you approx 5 seconds or less to fill your cup with filtered water), your water flow is travelling too quickly.

The Active Pure XTRA pre-filter needs to be flushed first before the Fluorex Max filter is installed. This is so the carbon fines from the XTRA filter do not clog the FluoreEX Max.

Ultra filter: In order for the Ultra filter to maintain good performance and to last longer, it needs to be back flushed. See separate instruction sheet. After flushing the XTRA filter then the FluorEX Max filter can be installed and flushed, and then the Alka spring filter. This is very important for the customer/installer to understand.

NOTE\*: for ionizer installations only: When installing the FluorEX Max and Active Pure XTRA as pre-filters before an ionizer, it is important to flush both filters out BEFORE connecting to the ionizer. This will prevent the ionizer filters from getting clogged.

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Initiate Flushing of the FluorEX-Max cartridge with cold/cool water. As the first water begins to flow, you may notice some carbon dust passing through.

Allow the water to run on full for 10 minutes then turn off faucet

1) Flush the cartridge for 2 minutes, when it hasn't been used for 2 or more days

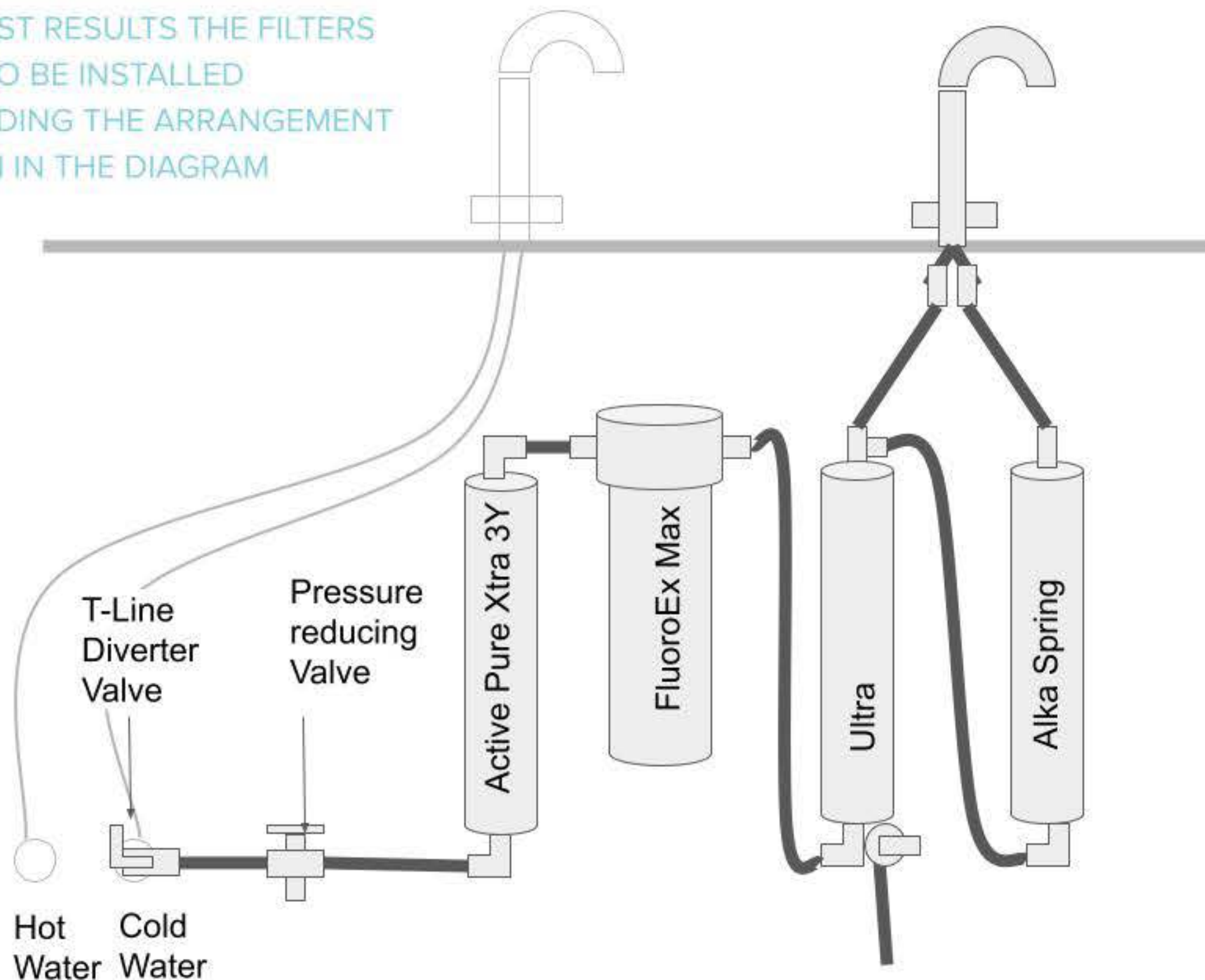
2) Never run hot water through the cartridge, as the filtration process will not be effective. Use only cold/cool water.

3) For optimal Results, replace this filter cartridge every 2000 litres (based on 0.7ppm = approx. Fluoride concentration in NZ Tap-water\*) This means with 6 litres/day usage it requires to be replaced every 12 months.

For best results and to monitor it best, we recommend to install the Ionza electronic Flow meter.

\*Check with your local council regarding fluoride content in tap water. High Water Pressure: Do not use the FluorEX Max filter without a pressure reducing valve if your water pressure is above 55PSI

FOR BEST RESULTS THE FILTERS  
NEED TO BE INSTALLED  
ACCORDING THE ARRANGEMENT  
SHOWN IN THE DIAGRAM



Establish position for the tap on the sink and drill an appropriate sized hole. Install the T-line diverter valve into the cold water line. Install pressure reducing valve upstream of the filters. Install the Filters and Alka Spring in line as shown in the diagram. The Active Pure Xtra filter has a designated flow direction (see arrow on cartridge). The Ultra filter requires the orientation as shown in separate installation sheet.

**Working Pressure:** 15 - 55 PSI

**Please note:** the pressure reducing valve needs to be installed for higher water pressures than 55PSI.

**Working Temperature:** 5 - 40°C

Wall brackets are provided for mounting of the System and cartridge to the cupboard wall.

**Waterflow speed:** Tune T-line valve so water flow is approx 2 l/min

**Please note: Professional installation is recommended.**

**Ionza is not responsible for any damage resulting from incorrect installation.**