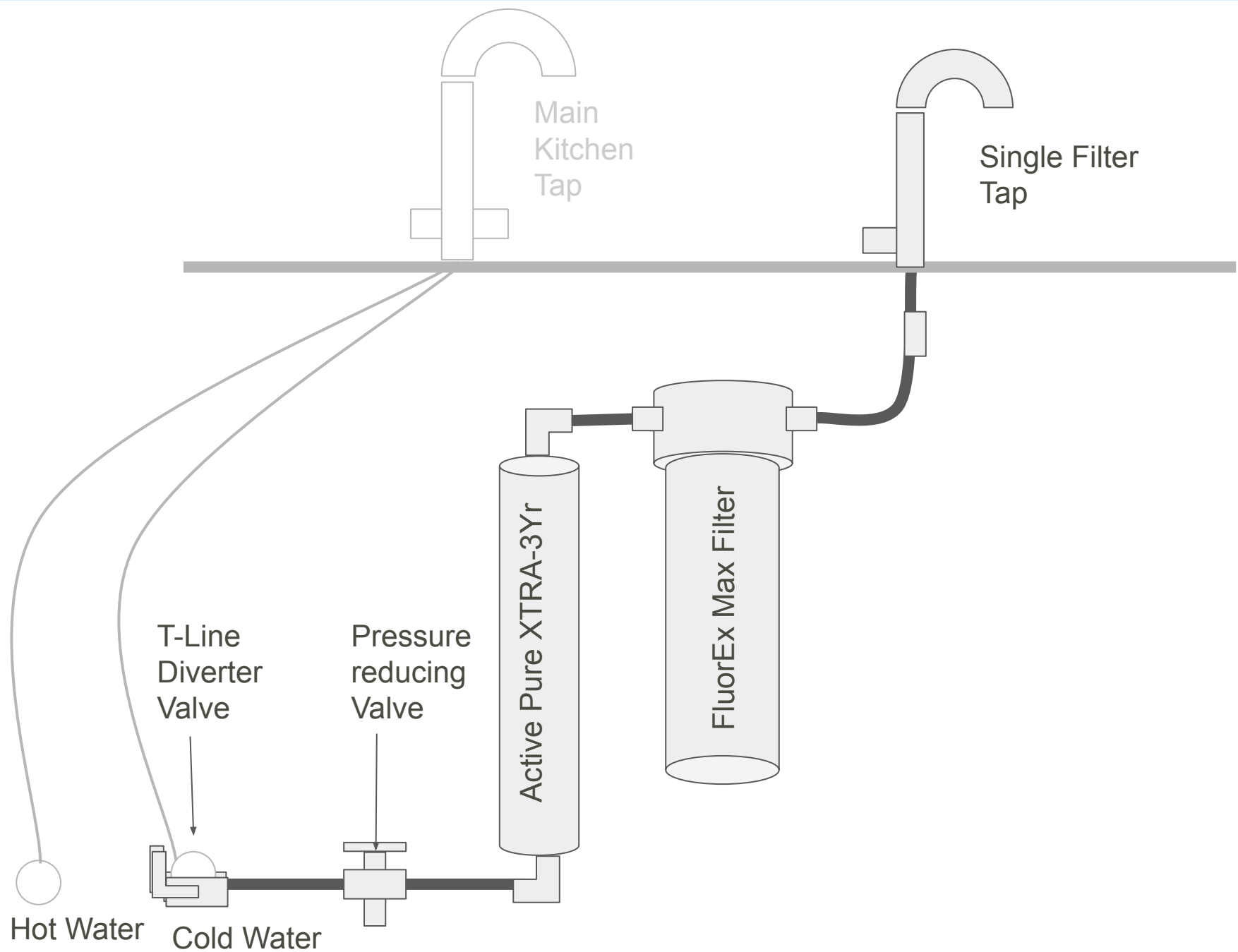


# Fluoride-Free Filter System



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 in the order shown in this diagram

**Please read:** The individual filter instructions as well as the instructions for the John Guest connectors.

**Working Pressure:** 15 - 60 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.**

## Fluoride Free Filter System - Under Bench

**Fluorex Filter Placement:** Due to the nature of the FluorEx Max filter, it should not be placed after any mineral filter as the minerals may clog it.

It is highly recommended to place our Active Pure Xtra 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.

**Flow:** 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.

**Flushing:** 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 Fluorex Max.

After flushing the XTRA filter then the Fluorex Max filter can be installed and flushed. This is very important for the customer/installer to understand. Flush and disregard about 4ltrs

**After flushing the XTRA filter then the FluorEX Max filter can be installed and flushed.**

**Note for Pre-filter installation of an ionizer:**

When installing the FluorEX Max and Active Pure XTRA 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.

**Working Pressure:** 15 - 60 PSI

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

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

The Below diagram illustrate a Single Filter tap set up

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

**Connecting and disconnecting tubing:**

- To connect tubing; push tubing approx ~ 20 mm into the connector.
- To remove tubing; hold the O-ring back and pull the tubing out of connector.

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

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

For more information please refer to the specific product page on our website [www.ionza.co.nz](http://www.ionza.co.nz)

**Do you prefer video Instruction ?**

Scan Code for a brief video on how to insert/remove tube from john guest fittings



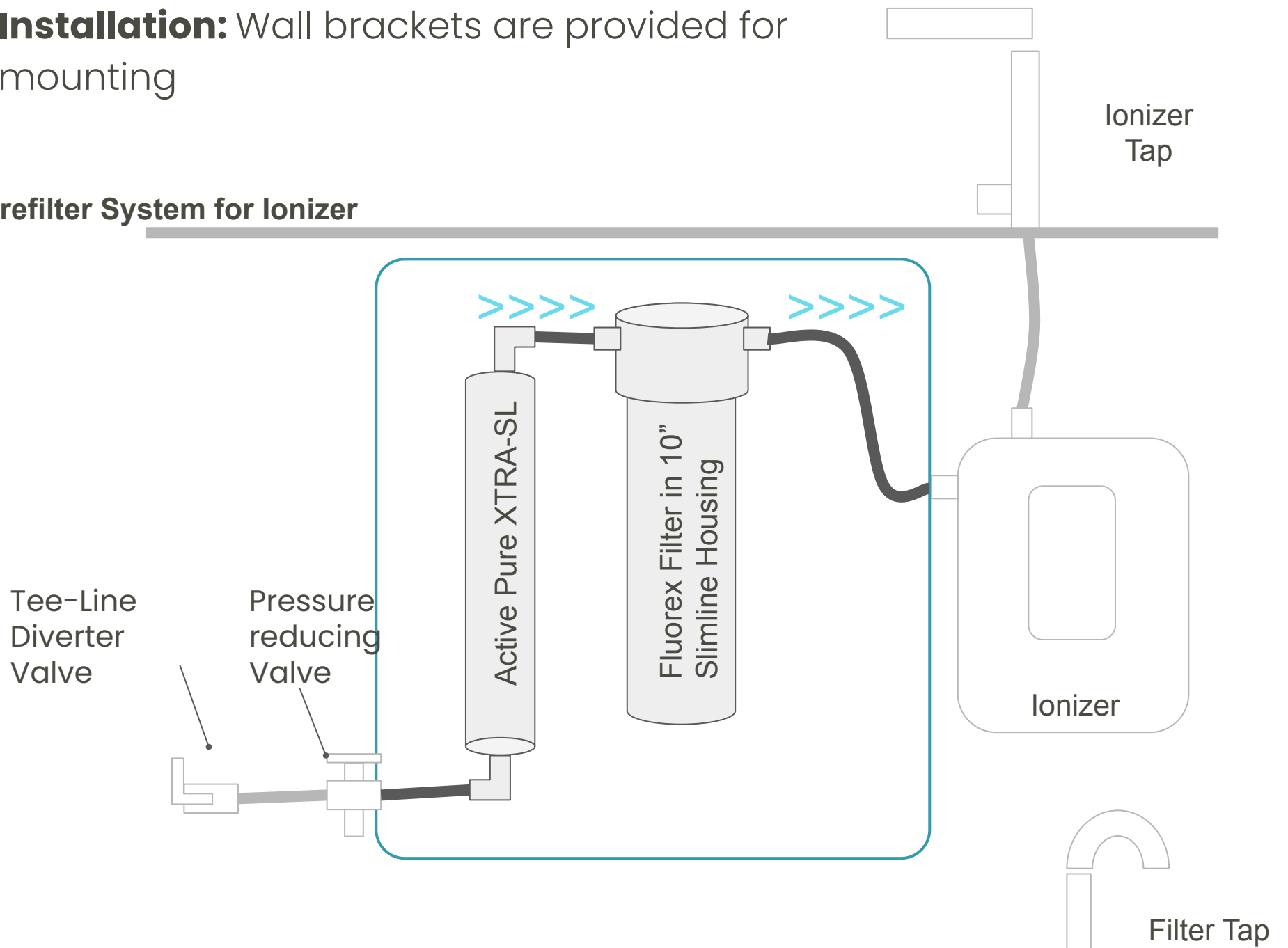
**Do you prefer video Instruction ?**

Scan Code for a brief video on how to cut the tubing

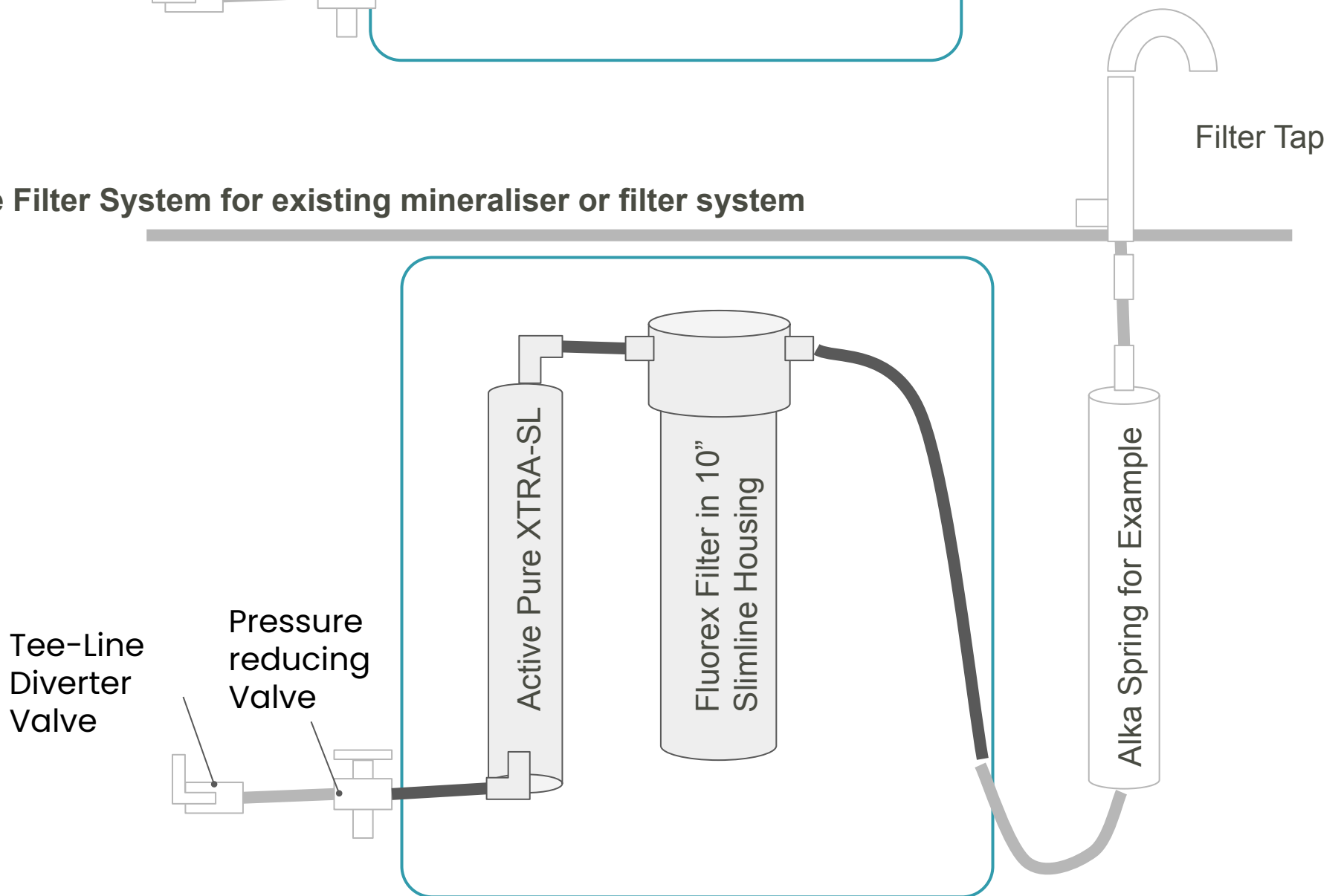


**Installation:** Wall brackets are provided for mounting

**Pre-filter System for Ionizer**



**Pre Filter System for existing mineraliser or filter system**



## Fluoride Free Benchtop Add-on

### Filter Order Matters:

- Place the Active Pure Filter (a carbon and KDF filter) before the FluorEx Max to prevent clogging. This setup ensures the FluorEx Max can effectively remove fluoride without interference from other chemicals.

### Flow Rate:

- Keep the water flow at or below 2 liters per minute. If it fills a cup in less than 5 seconds, the flow is too fast for the filters to work efficiently. Only use cold water in the system.

### Using Your Tap:

- Turning the tap lever vertically lets water flow into the sink. Moving it horizontally diverts water through the filters.

### Prep and Flush:

Flush the Active Pure Filter before installing the FluorEx Max to avoid carbon fines from clogging the latter.

After installing both filters, flush about 4 liters through the system to clean it before use.

Following these steps carefully will protect your equipment and ensure optimal filtration performance.

