

## **Multi stage Big Blue Whole house filtration system with UV**

### **2 or 3 Stage 20' Big Blue + 45 lt/min UV sterilizer system for 2 bathroom dwelling**

**Needed space;** 1 200 x 1 200 x 300 mm

1<sup>st</sup> stage; 20" Sediment cartridge. Removal of dirt from the water

2<sup>nd</sup> stage; 20" Carbon block cartridge. Removes chemicals such as chlorine from the water.

3<sup>rd</sup> stage; Ultra Violet sterilizer. Sterilizes bacteria, cyst, and viruses.

#### **Running costs;**

- Change carbon cartridges every 12 to 18 months depending on the quality of the water in your area and usage.
- Change sediment cartridge every 6 to 12 months ditto above.
- Change UV lamp every 8000 hrs

#### **Specification & features;**

- Operating temperature 10\* C to 52\* C
- Maximum operating pressure; 6 bar, PRV valve advised
- Connection 20mm

#### **Sediment cartridge;**

- Size 20'
- Normal flow rate; 30lt/min
- Material; Food grade melt down polypropylene

#### **Carbon Block;**

- Size 20"
- Normal flow rate 30lt/min
- Material: Coconut shell.
- 5 micron filtration

#### **Optional extra cartridge;**

- Size; 20'
- Material; UDF granular carbon.(Coconut shell )

#### **UV System;**

- 55 watt UV depending on application.
- Disinfects water without adding chemicals to the water.
- Reaction chamber made of stainless steel.
- Bulb and sieve made of quartz glass