

## XBB20-FT300 FRONTIER ANTI-SCALE SYSTEM



It is the embodiment of a new technology, Template Assisted Crystallization (TAC). Atomic level templates on the surface of small specially treated polymer spheres transform dissolved  $\text{CaCO}_3$  to a crystalline form. The crystals are relatively insoluble, effectively isolating the  $\text{CaCO}_3$  from the water chemistry and anything the water contacts.

Resulting in;

- Extremely efficient - 5 seconds contact time regardless of hardness level. Conventional water softener resin requires 90 seconds.
- No Salt or other chemical regenerants required.
- No backwash waste water. Can be used in areas where water softeners are banned. Protects the environment and reduces water usage.
- Long lasting media - Not consumed by the reactions.
- No control valve or electricity required.

### XBB20-FT300

- Removes sediment (5 micron), chlorine, organic material, taste and odour.
- Thread seal cartridges to ensure no water is being bypassed
- Efficient contact time
- Reduce/remove scale

### Suitable for the following applications

- Domestic and commercial Portable Water
- Process Water
- Food and Beverage
- Hotels and Restaurants
- Health Clinics and Hospital Areas
- Aquaculture
- Cooling Towers
- Laboratories and Pharmaceutical



NSF/ ANSI  
Standard 61

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Use with cold water only. Max pressure is 900kPa, Inlet and outlet connections are 3/8" FNPT female. Maximum operating temperature is 38°C. Turbidity (suspended solids): < 1 NTU, Chlorine: < 3ppm, Hardness ( $\text{CaCO}_3$ ): <120mg/L, Iron (Fe): <0.3mg/L, Manganese (Mn): < 0.05mg/L, Copper (Cu): 1.3 mg/L, Hydrogen Sulfide ( $\text{H}_2\text{S}$ ): None, Oil & Polyphosphate: None.

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Filters should be changed every six months or earlier for higher water usage application.

Scheduled maintenance is recommended. Xsential cannot be liable for system failures due to improper maintenance.

Please install the system away from the sun or undercover. Sun light can damage the housings.

### Dimension

62 cm (W) x 82 cm (H) x 20 cm (D)

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