

## BIN-X®

- Chemical free bacteriological barrier for potable- and drinking water
- Installs on the main cold water supply and the circulating hot water

**BIN-X®** is a patented cost-effective water treatment system used for removal of particles and bacteria such as Legionella and E-coli. With use of ultra filtration, BIN-X® cleans potable- and drinking water.

### **BIN-X® benefits:**

- Provides maximum protection and security against Legionella, other bacteria and particles from entering your system.
- Reduces bio-film
- Automatic flush function – controlled by PLC or electric timer
- High security – long lifetime of the membranes
- Low operational costs – limited service costs
- Approved for installation into drinking water systems
- Installs on the main cold water supply and the circulating hot water
- The system is driven by the main water pressure (2-7 bar)
- Avoid having to cut off the water supply because of contamination
- References from larger and minor installation



**BIN-X® complete ultrafiltration**

## Typical areas where BIN-X® could be installed:

- Drinking water
- Hospitals
- Offshore installations
- Sea-going vessels
- Public bath
- Industrial water (process water) and cooling towers
- Laboratories
- Water coolers and Ice machines



### Technical Information

Cold water*	UF23	UF24	UF26	UF45	UF410 B1-B4	UF815 B1-B4
Max capacity (l/t)	35	100	150	400	3600	35000
Continuous capacity (1/t)				220	1800	17200
Continuous capacity (m <sup>3</sup> /d)				5	43	413
Measurement (l x b x h)	330x63x63	528x63x63	728x63x63	820x100x100	1398x500x1700	1600x750x1940
Weight (kg)	0,3	0,7	1	3,5	40-100	80-190
Electric connections V/A				230 VAC 50-60 Hz	230 VAC 50-69 Hz	230 VAC 50-60 Hz

\*See separate table for hot water



### Statement from Institute of Public Health

"Bin-X ultrafiltration-systems reduce the conditions for biological growth, and accordingly also for legionella, in water systems. The most effective solution is to filter both the cold (including the feed water to the water heater) and hot water. If the hot water circulates to maintain a high temperature at all tapping points also the circulating water must be run through the ultrafiltration-system. The system does not add any chemicals to the water, not even during flushing."