

Technical Data Sheet

WQ-AS

Complete Water Quality Solutions



Engineered Solutions

Water heaters are exposed to a variety of water conditions including minerals, sediment, and chemicals. Optimal water quality will not only help mitigate the risks of many waterborne pathogens; it will improve performance, reliability, and life of the water heating system, too.

Lync WQ-AS simplifies a complex system design so it can be easily dropped into plans with the assurance that all components work together optimally to maximize the water treatment effects. WQ-AS is configurable depending on the required peak flow rate, and it is ideal for new and retrofit projects across many applications, including hotels, restaurants, gyms, hospitals, factories, multifamily, and schools.



Features

Fully Engineered and Factory-Assembled

- Tanks fastened onto a steel skid for safe and easy transportation and installation
- Plumbing, wiring, cartridge filter, UV lamps, and quartz sleeves are factory pre-assembled and installed to minimize installation time and labor
- Systems available in either a 40, 70, and 100 GPM configurations
- Multi-skid design to provide flexibility in placement of the system in tight spaces
- Reduced downtime during retrofits

Superior Safety, Reliability, and Longevity

- Prevents limescale by transforming dissolved hardness minerals into harmless, inactive microscopic crystal particles
- Scale prevention systems require little maintenance, no backwashing, no salt, and no electricity

- Extends the life of your system, and increases overall performance
- Reducing chances of biofilm formation by filtering water for sediments, preventing scale formation, and inactivation of micro-organisms
- Highly effective in disinfecting water for Legionella present in domestic water systems*
- Reduces water heating costs by controlling limescale formation

Standard Subsystems

- AquaSolve System: includes media assisted crystallization to prevent the scale formation
- Cartridge Filtration System: includes filter housing, one installed cartridge, and one spare replacement cartridge
- UV Disinfection System includes stainless steel reactor chamber, quartz sleeve, UV lamps, and full color touch screen controls with 4-20 mA option for BAS integration through Modbus protocol

*Tested and validated for minimum of 6-log reduction of Legionella bacteria