

Anti-Scale System

Chemical-Free, Salt-Free
Scale Prevention

Highly recommended anti-scale system designed to provide protection from scale formation on internal plumbing surfaces. For use on Navien NPE series and NCB-E series installations.



The PeakFlowE system is built with the finest and most advanced materials and each system is quality inspected and pressure tested prior to shipment. With proper installation and routine maintenance, you will have years of trouble-free operation.

System Specifications

Maximum Pressure	90psi / 6.2 bar
Maximum Temperature	100°F / 38°C
Minimum Temperature	40°F / 5°C
Service Flow Rate	Up to 6 gpm (23 lpm)
Continuous Flow Rate	Up to 4 gpm (15 lpm)
Inlet/Outlet Connections	3/4" FNPT

Feed Water Chemistry Requirements

pH	6.5 to 8.5
Hardness (max)	75 grains (1282 pp, CaCO ₃)
Water Pressure	15 psi to 90 psi (1.03 bar - 6.2 bar)
Temperature	40°F to 100°F (5°C to 38°C)
Chlorine	< 2 ppm
Iron (max)	0.3 mg/l
Manganese (max)	0.05 mg/l
Copper	1.3 ppm*
Oil & H ₂ S	not allowed
Polyphosphate	not allowed
Silica (max)	20 ppm**

* High levels of copper that originate from new copper plumbing can foul the PeakFlowE media. After the installation of a new copper plumbing system, wait a minimum of 4 weeks before using the PeakFlowETM system. Avoid applying excess flux on the inner surfaces of the pipe and use a low-corrosivity water soluble flux listed under the ASTM B813 standard.

**PeakFlowE + media does not reduce silica scaling. While silica tends to have a less significant effect on scale formation than other minerals, it can act as a binder that makes water spots and scale residue outside the plumbing system difficult to remove.