



For decades, companies used sponge balls bigger than the diameter of the tubes to remove fouling formed on the surfaces. There are issues with this sponge ball system: The sponge balls would easily get stuck in the tube – affecting flow pattern and increasing pressure loss. The balls' scrubbing effect resulted in high wear and tear of sponge balls as well as abrasion in the tubes.

The HVS System is a self-contained cleaning system which utilises design-specific resilient brush balls circulating within part of the heat exchange system to clean foulings at the initial stage of formation. It is able to continuously circulate the brush balls through the tubes as compared to the intermittent cleaning sequence of the old system, ensuring fouling would not have any chance to occur. These specially designed brush balls can also reach and clean the grooves of the tube which are inaccessible to larger sponge balls. HVS Brush Balls' unique property results in more effective cleaning and is reflected in the savings of at least 10 to 18% in electricity bills.