

CASE STUDY

Water Separator Silencer for a Steel Manufacturer in the Netherlands

Customer Challenge:

A customer needed to replace their 45-year-old Burgess-Manning silencers, which were corroded but still essential to their vacuum pump system. However, they couldn't risk altering the pump setup, as re-calibrating it after decades of operation wasn't an option.

Solution:

We engineered a modern replacement silencer using SS316L stainless steel for enhanced corrosion resistance and sourced a specialized weld material to meet their exact specifications. The new design precisely matched the original in both acoustic and mechanical performance without requiring any changes to the existing pump system.



Outcome:

Burgess-Manning delivered a high-performance, long-lasting silencer upgrade with zero disruption to the customer operations. No recalibration, no downtime; just a seamless, future-proof solution.