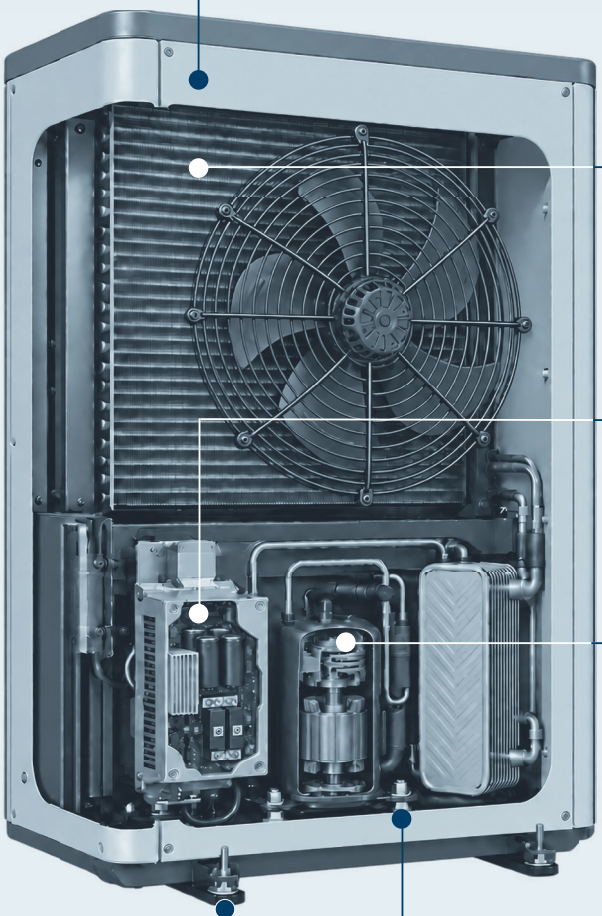
SURFACE TREATMENT SOLUTIONS FOR HVAC APPLICATIONS

A selection of components that benefit from our technologies



Heat Pump Housing
Paint Adhesion & Corrosion Protection

Our phosphate-free multi-metal pre-treatment prior to powder coating achieves outstanding paint adhesion and superior corrosion protection for demanding environments.

Heat Exchanger
Corrosion Protection

Our tri-chrome passivation process creates an ultra-thin conversion layer on aluminum that provides excellent corrosion protection without impairing heat transfer properties.

Controller Board Housing
Corrosion Protection

SurTec offers processes for corrosion protection on Aluminum (tri-chrome or chrome-free passivation) and Steel (Zinc and Zinc alloy electroplating) that also support reliable sealing.

Compressor
Dry Lubrication

SurTec's Anti-Friction Coatings form dry lubricating layers that ensure constantly low friction and increased wear resistance over the entire lifetime of a component. Applied to elastomers (e.g. seals), these coatings also reduce the required installation forces.

Threaded Components
Corrosion Protection

Our Zinc and Zinc alloy processes deliver a high level of corrosion protection and fasteners. Top Coats and Passivations offer additional customization options.

precote®

With precote® coatings, you can reliably lock, seal, clamp, assemble and disassemble threaded parts, which extends operational safety and maintenance intervals.

*no intentionally-added PFAS

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