



Friedrich PlusOne SmartShield

Innovations in Design, Reliability and Sustainability

SmartShield™, featuring MicroChannel coils, takes commercial HVAC durability and reliability to the next level. MicroChannel coil technology, proven in the automotive industry for decades, is revolutionizing heating and cooling performance and efficiency: it's lightweight, more durable, offers better heat transfer and uses less refrigerant than traditional fin-and-tube coils, making it a superior choice for various commercial applications.

MicroChannel Coils:

A Smarter Way to Keep It Cool

Lightweight, compact design

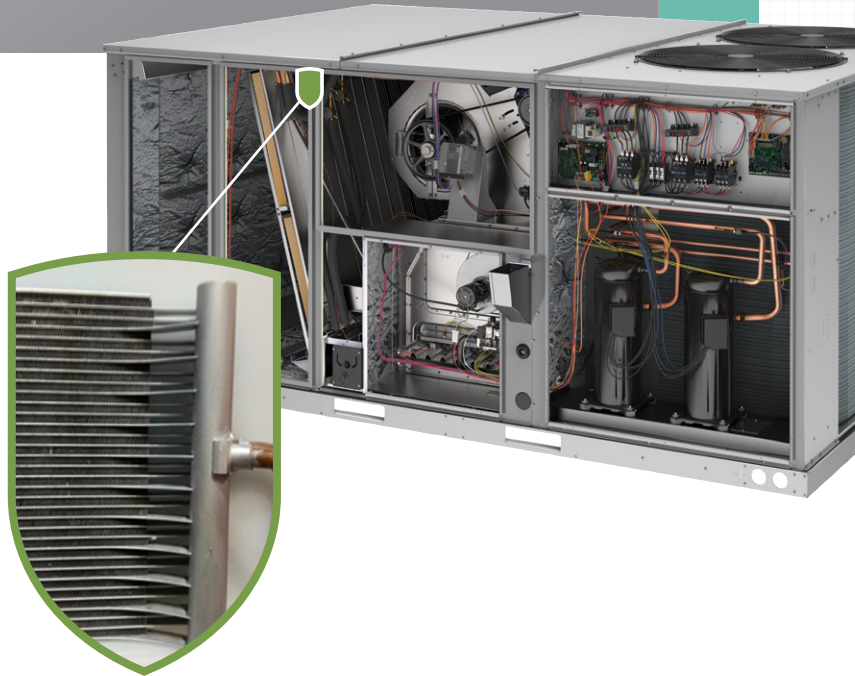
MicroChannel coils are made of durable, lightweight aluminum, making them significantly lighter and more compact. This reduces the overall structural load and takes up less space on the roof or the ground.

Enhanced performance

Delivers better heat transfer than traditional coils, leading to higher efficiency and possibly lower heating and cooling energy costs. Our interlaced MicroChannel coil design in the Renaissance™ 15 to 25-ton models is an exclusive, patented design to provide better performance through technology innovation.

Reduced refrigerant charge

By requiring up to 50% less refrigerant, MicroChannel coils minimize the potential impact on the environment. Not to mention, efficient heat transfer translates to lower energy consumption and can lead to lower operating costs.



Durable, tough construction

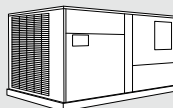
SmartShield's 100% aluminum MicroChannel coils are more resistant to galvanic corrosion, harsh environments and fin damage, prolonging equipment life and offering more consistent heat transfer.

Easier service and maintenance

SmartShield coils are designed to be easy to clean and repair, streamlining maintenance and troubleshooting.

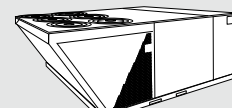
AVAILABLE IN:

FRIEDRICH | Commercial Air



Renaissance™ Commercial
Packaged Units

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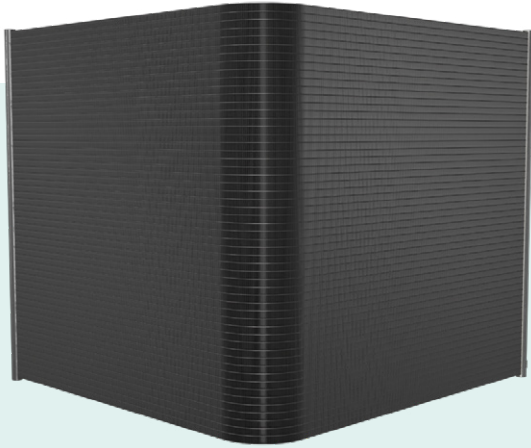


Resolute™ Commercial
Packaged Units

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THE ELECTROFIN ADVANTAGE: HEAT TRANSFER COATINGS FOR CORROSION PROTECTION

ElectroFin® E-coat is available as a factory option for all commercial air packaged units. If you think your units could benefit from the additional corrosion protection, consult your engineer or Friedrich Commercial Air sales representative.



ELECTROFIN E-COAT:

- Protects coils with less than 1% degradation in performance.
- Coated coils passed the ASTM B-117 salt spray test for 6,000 hours.
- Coatings are corrosion-resistant and UV-resistant.
- Comes with a five-year guarantee.

NOTE: ElectroFin is a registered trademark of Modine.

Learn more about Friedrich Commercial Air at Friedrich.com/Commercial

CONTACT US

For additional information, contact your local Friedrich sales representative.



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