

QUALITY STARTS ON THE INSIDE

MAXALLOY™ COIL TECHNOLOGY FOR YORK® INDOOR COILS

Coils are the heart of the heat-exchange process. That's why today's YORK® gas furnaces and modular air handling units use indoor coils employing advanced MaxAlloy™ coil technology. A direct byproduct of more than 125,000 hours of research and development, MaxAlloy™ coils use aluminum-tube and aluminum-fin construction to handle demanding air conditioner and heat pump duty. Through smart design, advanced alloy materials and best-in-class manufacturing processes, MaxAlloy™ coil technology provides reliable, efficient performance resulting in indoor coils perfectly matched to our split system outdoor units.



HELIUM-CHAMBER TESTING VERIFIES LEAK-FREE JOINTS

A helium mass spectrometer chamber pinpoints any leaks in braze joints to ensure leak-free operation throughout the coil's life.

ENHANCED INTERNAL GEOMETRY FOR OPTIMUM HEAT TRANSFER

A proven tube-expansion process enlarges the internal geometry to positively contact the aluminum fins, ensuring maximum heat transfer.



PRECISION COIL CIRCUITS PROVIDE LONG-TERM PERFORMANCE

Our best-in-class circuitry test procedure uses an automated vision system – in addition to redundant human checks – to verify every coil circuit is accurate before brazing.



THERMAL DEGREASING FOR OPTIMAL BRAZE JOINTS

An advanced process that heats, incinerates and vaporizes lubricants creates clean materials that form an optimal braze joint for a leak-free coil.

ADVANCED ALUMINUM ALLOY SYSTEM CREATES A MORE DEPENDABLE COIL

An anti-corrosion, aluminum-material system and an exacting manufacturing process eliminates any copper-to-aluminum contamination providing superior performance compared to standard-alloy aluminum coils.

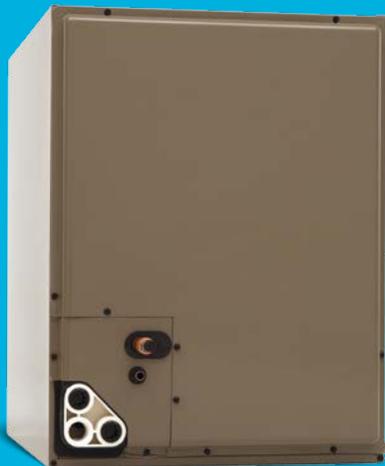


DUAL-TORCH BRAZING PREVENTS JOINT LEAKS

Our dual-torch brazing process concentrates heat in specific areas for proper alloy penetration in the joint, providing strength and integrity, even in complex circuits.



MaxAlloy™ CU Indoor Coil



MaxAlloy™ CM Indoor Coil



MaxAlloy™ CF Indoor Coil

FORWARD-THINKING IN EVERY FEATURE

TXV VALVE FLEXIBILITY: **FACTORY OR FIELD INSTALLED**

For installation flexibility, all indoor coil models come with a factory-installed, bolt-on TXV metering valve that is easy to convert to the required refrigerant without the use of brazing. Or, choose to specify “flex-coil” units without a factory-installed TXV to field install a piston or TXV valve.

HYGIENIC DESIGN: **POSITIVE SLOPE DRAIN PAN, PLUS** **OPTIONAL UVC GERMICIDAL LIGHT**

The positive slope in our Thermoset drain pan reduces the causes of potential mold or contaminant buildup. Plus, our optional UVC germicidal light effectively prevents mold, bacteria and other microorganism buildup on the coil to reduce HVAC system maintenance and energy consumption.

ADVANCED CASING CONSTRUCTION: **INSTALLS EASILY, LASTS LONGER**

A case depth of 20.5 inches easily fits attics and tight spaces. Powder-painted, G30 galvanized steel exterior resists corrosion and rust creep. Plus, our RC² Rigid Case Construction interior endoskeleton locks in insulation while providing structural support and flush sides.

MATCHED YORK® MODULAR INDOOR COILS PROVIDE 600 TO 2000 CFM FOR YORK® SPLIT SYSTEMS IN 1.5- TO 5-TON CAPACITIES.



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