

PRODUCT SAFETY

CODES, STANDARDS, AND CERTIFICATIONS

STANDARD CONSTRUCTION AND CONTROL PANEL LISTING

ASME B31.5 - Refrigeration Piping and Heat Transfer Components

Colmac Coil evaporators are designed and manufactured in accordance with the applicable requirements of ASME B31.5, including requirements for materials, design, fabrication, examination, inspection, and testing. Colmac's welded stainless steel refrigerant-containing components are designed for the specified design pressures and temperatures. Compliance with ASME B31.5 does not constitute ASME U-stamp certification.

UL 508A - Industrial Control Panels

Where factory-installed industrial control panels are supplied, the panels are listed and labeled in accordance with UL 508A within the scope of the applicable listing. This listing addresses the panel's construction, wiring, components, and applicable electrical safety requirements. The panel listing does not constitute certification of the complete equipment or the connected loads it controls.

ADDITIONAL CERTIFICATIONS AND REGISTRATIONS

Availability depends on the product, configuration, and project requirements. Certifications and registrations required by the applicable jurisdiction shall be identified during project specification and confirmed within Colmac's scope of supply.

ASME "U" Stamp - Pressure Vessel Certification

Eligible Colmac coil assemblies can be supplied with the ASME Certification Mark and U designator for construction in accordance with the ASME Boiler and Pressure Vessel Code, Section VIII, Division 1. Certification includes the applicable design, fabrication, examination, inspection, testing, and documentation requirements. This certification is not standard and applies only to the pressure vessel or assembly identified in the associated certification documents.

CRN - Canadian Registration Number

A Canadian Registration Number identifies a pressure-equipment design registered with the applicable Canadian provincial or territorial authority. Registration addresses applicable pressure-equipment requirements, including CSA B51 and the relevant construction code. Colmac can provide eligible equipment with CRN registration appropriate to the design and installation jurisdiction. CRN registration does not constitute electrical certification or approval of the complete installed refrigeration system.

CSA - Canadian Standards Association

Where CSA certification is required, Colmac shall construct all equipment using components bearing dual UL/CSA listings. Such component listings shall not constitute CSA certification of the complete equipment. All required CSA inspections and final product certifications shall be performed in Canada by CSA inspectors, with the installing party responsible for all related fees and expenses.

UL 207 - Refrigerant-Containing Components and Accessories, Nonelectrical

Select Colmac coil cores are available with certification to UL 207, which addresses nonelectrical refrigerant-containing components and accessories. Certification applies only to the models, refrigerants, design pressures, and configurations covered by the applicable certification record. The certification designation and marking shall correspond to that record. Coil-core certification does not constitute electrical certification or certification of the complete air cooler.