

FACTORY CONSTRUCTED BUILDINGS AND STRUCTURES LISTING PROGRAM

Customer: RCM Modulaire Inc.
Class: Modular Homes
Location: Saint-Benoît-Labre, Quebec
Website: www.rcmmodulaire.com

Listing No. REC813-3
Project No. REC813-3, Edition 2

Effective Date: June 1, 2023
Last Revised Date: September 30, 2024
Expires: N/A

Standards: CSA A277-16 “Procedure for Certification of Prefabricated Buildings, Modules, and Panels”

Part 9 of National Building Code of Canada 2015 (NBC 2015)

National Plumbing Code of Canada 2015

CSA C22.1 Canadian Electrical Code, Part I, “Safety Standard for Electrical Installations”

Part 9 of Quebec Construction Code, Chapter I – Building (NBC with Quebec amendments) (QCC-B)

CSA C22.10 Quebec Construction Code, Chapter V – Electricity (Canadian Electrical Code, Part I, “Safety Standard for Electrical Installations” with Quebec amendments)

Note 1: Unless otherwise specified, the Standards and Codes noted are the most current versions in effect.

Note 2: Various provinces and territories have amendments to the national building code, jurisdictions may require structures to comply with provincial/municipal codes in lieu of the national building codes, the local AHJ should be consulted on the applicable requirements.

Product: Factory Built Modular Homes

Markings: Products are labelled and marked in a permanent manner where it is readily visible after installation with the following information:

1. The QAI label (item 1067, black with gold, 3-1/2” diameter) is normally located in close proximity to the electrical panel and includes:
 - Certification label serial number
 - QAI certification logo with the “C” Identifier
 - “Modular Homes”

QAI logo shown here:



2. The specification nameplate (item 1068, 8-1/2" x 14" in size) is normally located in close proximity to the electrical panel and includes:

- Manufacturer's Name and Address
- Date of Manufacture
- Model Serial Number or Product Code
- Foundation Type (Perimeter Foundation Wall or Piers)
- Floor live Load
- Specified Snow Load (1/50)
- Seismic Response S_a (0.2)
- Hourly Wind Pressure (1/50)
- Envelope Effective Thermal Resistance
- Windows/Doors/Skylights Thermal Characteristics
- Outside Design Temperature (Heat Loss or Heat Gain)
- Factory Installed Appliances
- Site Installed Components, Assemblies, and Systems
- Electrical Systems Voltage, Frequency, and Amperage

3. Other Markings as required by the relevant codes.

Note 3: The QAI label and specification nameplate are available from QAI and must be applied at the factory.

Models / Ratings: Factory-built modular homes classified under one major occupancy (*Group C – Residential*), constructed in single or multiple modules, up to 3-storey configuration, with a building area not exceeding 600m². Structures under this scope are constructed within the limitations of Part 9 of the applicable building code.

Buildings described above typically include units used as single-family dwellings, dormitories, boarding and lodging houses, and/or similar structures providing accommodation for sleeping quarters. This listing does not include multi-family residential buildings requiring fire and sound separation or shared egress facilities, such as apartments, duplexes, row houses, townhouses, hotels and motels.

For a full list of structures covered under the above Occupancy Classifications, please refer to Division B, Notes to Part 3, A-3.1.2.1.(1) Major Occupancy Classification in the NBC and QCC-B.

Structural:

Conventional Wood Frame Construction within the limitations of Part 9 of NBC and QCC-B. Structures may be built over structural steel support frame.

Electrical Ratings:

120/240 V, 60Hz, 225A max.

Heating/Ventilation:

Primarily Hydronic Heating. Modules may be equipped with electrical baseboard heaters.

Plumbing:

Conventional drainage and venting systems to a maximum of 240 hydraulic fixture units.

Gas or Sprinkler Systems:

None.

Fire Alarm Systems:

Fire alarm system consists of smoke detectors, exit signs and emergency lighting.

Notes: Structures included in this listing are manufactured at a central facility and transported to the site. These modules include provisions for on-site interconnections, connection to municipal services water and sewage, and electrical power supply. QAI certification covers the construction of the structures including any factory installed plumbing and electrical services, equipment and fixtures. QAI certification is intended to obviate the necessity of further inspection by the local regulatory authorities except for site connections to services or to other modules and for site installed features.

Site installation of products must be done according to manufacturer's installation instructions and in compliance with the requirements set by the local authority having jurisdiction.

The materials, products or systems listed herein have been qualified to bear the QAI Listing Mark under the conditions stated with each Listing. Only those products bearing the QAI Listing Mark are considered to be listed by QAI. No warrantee is expressed or implied, and no guarantee is provided that any jurisdictional authority will accept the Listing found herein. The appropriate authorities should be contacted regarding the acceptability of any given Listing. Visit the QAI Online Listing Directory located at www.qai.org for the most up to date version of this Listing and to validate that this QAI Listing is active. Questions regarding this listing may be directed to info@qai.org. Please include the listing number in the request.
