



FACTORY CONSTRUCTED BUILDINGS AND STRUCTURES LISTING PROGRAM

Customer: Eco Modulaire des Sources
Class: Modular Homes
Location: Val-des-Sources, Quebec
Website: www.emdessources.com

Listing No. REC769-1
Report No. REC769-1, Edition 4

Effective Date: June 25, 2021
Last Revised Date: February 26, 2024
Expires: N/A

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

Part 9 of Quebec Construction Code, Chapter I – Building 2015 (NBC 2010 with Quebec amendments)

National Plumbing Code of Canada 2010

CSA C22.10 Québec Construction Code, Chapter V – Electricity (CSA C22.1 Canadian Electrical Code, Part I, "Safety Standard for Electrical Installations" with Quebec amendments)

Part 9 *Housing and Small Buildings* of Ontario Building Code (NBC with Ontario amendments)

Part 7 *Plumbing* of Ontario Building Code (NPC with Ontario amendments)

Ontario Electrical Safety Code, (CSA C22.1 Canadian Electrical Code, Part I, "Safety Standard for Electrical Installations" with Ontario amendments)

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

Product: Modular Homes

Markings: All markings must be permanent and visible after installation.

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" size) is 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

Other Markings as required by the relevant codes.

Note 2: *The QAI label and specification nameplate are available from QAI and must be applied at the factory.*

Models / Ratings: Single or multiple family dwellings classified under one major occupancy (*Group C – Residential*), constructed in single or multiple modules, single storey configurations. Modular homes under this scope have a building area not exceeding 600m².

Multi-residential buildings are designed and constructed within the limitations of Part 9 with vertical fire and sound separations. This listing does not include multi-residential buildings requiring horizontal fire and sound separation or shared egress facilities, hotels and motels, and/or any buildings designed with multiple major occupancies.

For a full list of structures covered under Group C occupancy, please refer to Appendix A, Division B of the Quebec Construction Code, Chapter I – Building and Appendix A, Division B of the Ontario Building Code.

Structural:

Conventional Wood Frame Construction within the limitations of Part 9 of the Quebec Construction Code, Chapter I – Building and Ontario Building Code.

Electrical Ratings:

120/240V, 60Hz, 200A Max.

Heating/Ventilation:

Primarily Electric Baseboard Heaters. Modules may be equipped with ducting for installation of a central forced air furnace on site. Modular homes may be equipped with air conditioning (electric only).



Plumbing:

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

Gas Systems:

None.

Notes: Modular Homes included in this listing are manufactured at a central facility and transported to the site. These modules must include provisions for on-site interconnections, connection to municipal services (water and sewage) and electrical power supply. QAI certification covers the construction of the modular homes including any factory installed plumbing and electrical services, appliances, 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.
