

## **FACTORY CONSTRUCTED BUILDINGS AND STRUCTURES LISTING PROGRAM**

Customer: Kent Homes, a Division of J.D. Irving, Ltd.  
Class: Modular Homes  
Location: Bouctouche, New Brunswick  
Website: [www.kenthomes.com](http://www.kenthomes.com)

Listing No. REC589-1  
Project No. REC589-1, Edition 3  
Effective Date: August 19, 2011  
Last Revised Date: April 26, 2019  
Expires: N/A

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

National Building Code of Canada, Part 9

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

National Plumbing Code of Canada

Quebec Construction Code, Chapter I – Building (NBCC with Quebec amendments), Part 9

CSA C22.10 Quebec Construction Code, Chapter V – Electricity (CSA C22.1 Canadian Electrical Code, Part I, with Quebec amendments)

Ontario Building Code, Part 9

Ontario Electric Safety Code

Ontario Plumbing Code

Note: Various provinces 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: 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
- "Modular Homes"
- QAI certification logo with the "C" Identifier 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.

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

**Models / Ratings:** Prefabricated buildings classified under one major occupancy (Group C – Residential), constructed in single or multiple modules up to a maximum of 2-storey configurations. Structures under this scope have a building area not exceeding 600m<sup>2</sup>.

Structures under this listing typically include units used as single or multiple family dwellings or work camps. Multi-unit residential buildings are designed and constructed within the limitations of Part 9 with fire and sound separation between dwellings and sleeping units. This listing does not include 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 National Building Code.

**Structural:**

Conventional Wood Frame Construction within the limitations of Part 9 of the National Building Code.

**Electrical Ratings:**

Up to a maximum 600V, 60Hz, 400A, single or 3-Phase systems.

**Heating/Ventilation:**

Exterior wall mounted forced air furnaces and air conditioning (electric only). Systems may be equipped with electrical baseboard heaters.

**Plumbing:**

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

**Fire Alarm Systems:**

This certification covers factory installed portions of the fire alarm systems. This certification does not cover completion of the fire alarm systems on site.

The design of the fire alarm systems must be approved by a professional engineer registered in the province where the units are intended to be installed. Installation and commissioning of these systems must be completed on site by qualified technicians as per the requirements of the local authority having jurisdiction.

**Sprinkler Systems:**

None.

**Gas Systems:**

None.

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](http://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](mailto:info@qai.org). Please include the listing number in the request.

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