

STANDARD INFORMATION

Standard Number: CSA C22.2 No. 164
Standard Name: Electric Sauna Heating Equipment
Standard Edition and Issue Date: 2nd Edition Dated February 1, 2018
Date of Revision: February 1, 2018
Date of Previous Revision of Standard: Reaffirmed 2016

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **February 21, 2020**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: A review of all Listing Reports is necessary to determine which products comply with new/revise requirements and which products will require re-evaluation. **NOTE:** Effective immediately, this revised standard will be exclusively used for evaluation of new products unless the Applicant requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revise requirements.

Overview of Changes:

- Added requirements for Installation Instructions.
- Deleted marking requirements

Specific details of new/revise requirements are found in table below.

If the applicable requirements noted in the table are not described in your report(s), these requirements will need to be confirmed as met and added to your report(s) such as markings, instructions, test results, etc. (as required).

Client Action Required:

Information – To assist our Engineer with review of your Listing Reports, please submit technical information in response to the new/revise paragraphs noted in the attached or explain why these new/revise requirements do not apply to your product (s).

Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.



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CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined-out below.</i>
6	Info	Markings
6.1	Info	General
		Clause deleted;
		The maximum thermal insulation value for the ceilings, walls and floors shall be marked on the nameplate or on a tag
6.1.19		CAUTION: DO NOT INSULATE THE CEILING, WALLS OR FLOOR MORE THAN R-12
		and
		ATTENTION : NE PAS UTILISER UN ISOLANT D'UNE VALEUR SUPERIEURE A R-12 POUR LE PLAFOND, LES MURS OU LE PLANCHER,
		or equivalent wording.
		Clause deleted;
		The following marking shall appear on the sauna heater or on a tag, attached to the sauna heater:
6.1.20		IT IS UNLAWFUL TO INSTALL THIS UNIT WITHOUT FIRST OBTAINING A PERMIT FROM THE LOCAL ELECTRICAL INSPECTION AUTHORITY;
		and
		IL EST ILLGAL D'INSTALLER CET APPAREIL SANS PERMIS PREALABLE DES AUTORITES LOCALES D'INSPECTION EN ELECTRICITE,
		or equivalent wording.
		Installation instructions
6.2		Each sauna heater shall be provided with clear and complete instructions for the installation and operation of the sauna heater. The instructions shall include:
		a) a complete electrical diagram, when accessories are included, showing the connections to the power supply and all temperature and other controls;



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		<p>b) installation instructions for any accessory and other controls. Details for the location and protection of the temperature control sensing bulb;</p> <p>c) a statement that all wiring to the sauna heater and accessories shall be routed away from any direct radiation from the sauna heater;</p> <p>d) an indication that the sauna heaters shall not be subjected to water spray and that shower heads shall not be installed above the sauna heaters;</p> <p>e) a note to the effect that if the manually resettable temperature-limiting control trips frequently, a qualified serviceman should be contacted;</p> <p>(f) A statement to read as follows: IT IS UNLAWFUL TO INSTALL THIS UNIT WITHOUT FIRST OBTAINING A PERMIT FROM THE LOCAL ELECTRICAL INSPECTION AUTHORITY;</p> <p>f) instructions for the construction, material, and location of the guardrail required by the marking of Clause 6.1.7;</p> <p>g) instructions for securing sauna heaters in the room. See Clause 5.3.6;</p> <p>h) <u>the following or equivalent wording:</u> <u>CAUTION: AVOID A FIRE, DO NOT PLACE COMBUSTIBLE MATERIAL ON SAUNA HEATER and ATTENTION: ÉVITEZ LES INCENDIES, NE PLACEZ AUCUNE MATIÈRE COMBUSTIBLE SUR LE CHAUFFE-SAUNA;</u></p> <p>i) <u>the following or equivalent wording:</u> <u>CAUTION: USE ONLY A CONTACTOR APPROVED FOR 250 000 ENDURANCE CYCLES and ATTENTION: UTILISER UNIQUEMENT UN CONTACTEUR APPROUVÉ POUR 250 000 CYCLES DE FONCTIONNEMENT;</u></p> <p>j) <u>recommended materials and thickness for the construction of the room. Wood construction and fibreglass insulation thickness specified for the walls and ceilings shall not to be less than those used when the heater was tested in accordance with Clause 7.4.3;</u></p> <p>k) <u>a statement that owner’s implement a maintenance program for sauna heaters and inspect the sauna heater at the end of the day to ensure the sauna heater is turned off; and</u></p> <p><u>l) any other instructions that may be necessary for the installation and safe operation of the sauna heaters.</u></p>
8	Info	Combination stationary room and sauna heater units and combination cord-connected cabinet heater units
8.3	Info	Marking
		Installation instructions
		Clear and complete instructions for the assembly, servicing and operation of the unit shall be provided and shall include:
8.3.2		<p>a) a complete electrical diagram, when accessories are included, showing the connections to the power supply and all temperature and other controls;</p> <p>b) where applicable an indication that the sauna heaters shall not be subjected to water spray and that shower heads shall not be installed above the sauna heaters;</p> <p>c) a note to the effect that, if the manually resettable temperature-limiting control trips frequently, a qualified serviceman should be contacted;</p>



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		<p>d) for stationary room heater units, the following or equivalent wording: IT IS UNLAWFUL TO INSTALL THIS UNIT WITHOUT FIRST OBTAINING A PERMIT FROM THE LOCAL ELECTRICAL INSPECTION AUTHORITY and IL EST ILLÉGAL D'INSTALLER CET APPAREIL SANS PERMIS PRÉALABLE DES AUTORITÉS LOCALES D'INSPECTION EN ÉLECTRICITÉ;</p> <p>e) a statement that no plumbing fixtures (taps, etc.) are to be installed in the sauna room;</p> <p>f) <u>the following or equivalent wording:</u> <u>CAUTION: AVOID A FIRE, DO NOT PLACE COMBUSTIBLE MATERIAL ON SAUNA HEATER and ATTENTION: ÉVITEZ LES INCENDIES, NE PLACEZ AUCUNE MATIÈRE COMBUSTIBLE SUR LE CHAUFFE- SAUNA;</u></p> <p>g) <u>the following or equivalent wording:</u> <u>CAUTION: USE ONLY A CONTACTOR APPROVED FOR 250 000 ENDURANCE CYCLES and ATTENTION: UTILISER UNIQUEMENT UN CONTACTEUR APPROUVÉ POUR 250 000 CYCLES DE FONCTIONNEMENT;</u></p> <p>h) <u>a statement that owner's implement a maintenance program for sauna heaters and inspect the sauna heater at the end of the day to ensure the sauna heater is turned off; and</u></p> <p>i) any other instructions that may be necessary for the installation and safe operation of the sauna heaters.</p>

CUSTOMERS PLEASE NOTE: This Table and column "Verdict" can be used in determining how your current or future production is or will be in compliance with new/revised requirements.