

STANDARD INFORMATION - ANSI Z21.63:2019 Ed.4; CSA 11.3:2019 Ed.4

Standard Number: ANSI Z21.63 / CSA 11.3

Standard Name: Portable Type Gas Camp Heaters

Standard Edition and Issue Date: 4th Edition dated September 1, 2019

Date of Revision: September 1, 2019

Date of Previous Revision of Standard: 3rd Edition dated December 1, 2014

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **September 1, 2021**

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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revise requirements.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:

- Requirements for heaters with two pressure regulators
- Additional instructions
- Additional requirements for pressure regulators

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:

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.



STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined-out below.</i>
4	Info	Construction
4.10	Info	Flow limiting devices
		<i>New clause added;</i>
4.10.2		<p>A heater designed for use with two pressure regulators equipped with a No. 600 connection, and intended for use with two non-refillable (disposable) gas supply cylinders each having a nominal water capacity less than 2.2 lb (1.0 kg), shall be designed to prevent back pressure from one regulator outlet to the other that could result in leakage of gas. The heater shall comply with the tests specified in Clause 5.16, Pressure regulators.</p>
		Instructions
		<p>Each heater shall be accompanied by detailed printed instructions and diagrams for the proper assembly, maintenance, safe use, and operation.</p>
		<p>The safety-related items included in the instructions shall be prominently displayed and shall precede the instructions concerning the functional use of the appliance.</p>
		<p>The instructions shall be marked with directions to the consumer to retain them for future reference.</p>
4.12		<p>The instructions shall be reviewed by the testing agency for comprehensibility, accuracy, and compatibility with results of test.</p>
		<p>Instructions shall bear the symbol of the organization conducting tests for compliance with this Standard.</p>
		<p>Either the front cover or the first page of the instructions shall bear the following boxed warnings:</p>



CLAUSE	VERDICT	COMMENT
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<p><u>▲ WARNING</u> <u>FIRE OR EXPLOSION HAZARD</u> <u>Failure to follow these instructions may result in fire or explosion which could cause property damage, personal injury or death.</u></p> <p>If you smell gas:</p> <ol style="list-style-type: none"><u>1. Do not attempt to light appliance and make sure appliance is in the “OFF” position.</u><u>2. Extinguish any nearby flames.</u><u>3. Shut off the cylinder fuel supply valve, if so equipped.</u><u>4. Disconnect the disposable fuel cylinder, if so equipped.</u><u>5. Leave the area immediately.</u><u>6. Allow gas to dissipate for 5 minutes.</u><u>7. If gas smell has dissipated from the area, the appliance, and fuel supply, follow gas connection procedures. If you smell gas again, follow steps 1–6 and have appliance serviced.</u> <p><u>Failure to follow these instructions may result in fire or explosion which could cause property damage, personal injury or death.</u></p>
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The following warning shall also appear on the cover or the first page of the owner’s manual.

The letters used for the boxed warnings above shall be boldfaced type having a minimum uppercase letter height of 0.120 in (3.05 mm). The minimum vertical spacing between lines of type shall be 0.046 in (1.17 mm). * Lowercase letters shall be compatible with the uppercase letter size specification. * This letter height and line spacing correspond to 12-point type.

h) the minimum environmental temperature for safe storage and operation of the appliance shall be stated. The suitability of this statement shall be examined by the testing agency with respect to the listing of the gas carrying components utilized.



CLAUSE	VERDICT	COMMENT
5	Info	Performance
5.15	Info	Permanently attached marking tags <i>New clause added;</i> Pressure regulators A heater designed for use with two propane gas-supply cylinders each having a nominal water capacity less than 2.2 lb (1.0 kg) and each cylinder equipped with a pressure regulator shall be designed to prevent back pressure from one regulator outlet to the other that could result in leakage of gas in excess of 0.1 ft ³ /hr (0.786 cm ³ /sec) when tested in accordance with the following Method of Test.
5.16		Method of Test The outlet of the regulator shall be connected to a pressure controlled source of clean air. The inlet of the regulator shall be connected to a flow measuring device, capable of accurately indicating flows up to 0.2 ft ³ /hr (1.6 cm ³ /sec). With the regulator set to deliver its maximum rated outlet pressure, the pressure supplied to the outlet of the regulator shall be gradually increased to the setting of either the regulator's pressure relief valve or over pressure device. At no time shall the recorded flow rate measured at the inlet to the regulator exceed a flow equivalent to 0.1 ft ³ /hr (0.786 cm ³ /sec).
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.		