



December 11, 2007

**IMPORTANT STANDARDS UPDATE NOTIFICATION FROM YOUR
NATIONALLY RECOGNIZED TESTING LABORATORY**

«AddressBlock»

**RE: Standard: American National Standard/CSA Standard for Vented Gas Fireplace Heaters
Standard Number: ANSI Z21.88 – 2005, ANSI Z21.88a/CSA 2.33a – 2007
Date of Revisions: December 2005, March 2007
Client Number: «F3»**

As a valued customer we are providing you with advanced notice of revised requirements for the referenced standards and applicable updates. Because of these revised requirements, we are advising all Applicants who have products listed to this standard of this Standards Update Notice.

This will affect your Listing status so it is important to review this letter carefully.

Standard	Effective Date of Revised Requirements	New/Revised Requirements
Referenced Above	September 1, 2008	<u>See Summary of Changes under Description of Change</u>

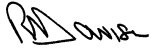
Important Information Regarding this Standards Update Notification

1. Your currently listed products to the above standard, as well as their listing reports, will need to be reviewed against the new/revised requirements noted above. As part of this review it will be determined whether any additional information is needed or further evaluation and testing is required on product samples. See attached.
2. If the products currently listed will not be produced after the Effective Date for these new/revised requirements, please advise us of these products and their listings will be withdrawn on that date.
3. Currently listed products must be found in compliance with the new/revised requirements by the Effective Date or the authorization to apply the WHI Mark will be withdrawn.
4. All new products submitted will be evaluated to the new/revised requirements noted above unless you specifically request otherwise in writing. Please note that new product listings will be withdrawn on the Effective Date unless the product is found in compliance with the new/revised requirements.

Please contact your **Intertek Engineering Office** listed below, to determine what action will be needed to maintain your WHI Listing. If this letter does not pertain to your reports or if addresses, contacts, etc. are incorrect, please make a note on it and fax it back to 905 678-7131.

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Sincerely,



Bob Davison
Certification Manager

Description of Changes

Impact Statement: A review of all Listing Reports is necessary to determine which products already comply with these new/revised requirements and which products will require reevaluation and test.

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 September 1, 2008 unless product is found to comply with the new/revised requirements.

Summary of Changes:

Section 1.11.3

c Provide for ignition of main burner gas using a direct ignition system incorporating a proved igniter, which provides that the igniter is capable of ignition prior to initiation of main burner gas flow. The

proved igniter system shall function in one of the following manners:

1. For systems that do not supervise main burner flame during an operating cycle, the igniter shall remain proved during the entire burner operating cycle. If the igniter does not remain proved, provide for automatic shutoff of main burner gas.
2. For systems that do supervise main burner flame during an operating cycle and de-energize the igniter, provide for automatic shutoff of main burner gas in the event of main burner flame outage.

Action: If applicable verify that igniting system complies with 1.11.3 c. 1.

Section 1.14.14:

A test gage connection shall be furnished downstream from the last main line gas control for measuring gas pressure at the burner. The connection shall be a minimum 1/8 in NPT plug or cap with cleanly cut taper pipe threads in accordance with the Standard for Pipe Threads, General Purpose (Inch), ANSI/ASME B1.20.1. If the plug is of the slotted type it shall also incorporate square or hex flats, or;

When the pressure tap is provided as part of the control this pressure test gage connection shall be:

a. A tapping sealed by a 1/8 in NPT plug or cap with cleanly cut taper pipe threads in accordance with the Standard for Pipe Threads, General Purpose (Inch), ANSI ASME B1.20.1. If the plug is of the slotted type, it shall also incorporate square or hex flats; or;

b. A hose fitting with a minimum length of 0.355 in (9.02 mm) and a 0.355 in (9.02 mm) maximum/0.335 in (8.05 mm) minimum outside diameter and which incorporates a sealing means. The construction of the hose fitting shall incorporate an internal restriction not greater than 0.0394 in (1.0 mm) in diameter.

Action: Verify that the required pressure measurement connection is provided.

Section 1.34.1

Add boxed statement to front cover of manual as follows:

Action: Verify manual cover is revised to include the required statement.

Section 1.34.7

Installation instructions accompanying a direct vent appliance or other appliance that can

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utilize a side wall vent system shall include a diagram as shown in Figure 3, Vent Terminal Clearances, or equivalent, indicating vent terminal clearances A to M. The clearances marked on the diagram shall be stated separately for U.S. and Canadian installations and shall not be less than those specified in the current ANSI Z223.1/NFPA 54, National Fuel Gas Code, or CSA B149.1, Natural Gas and Propane Installation Code. For clearances not specified in ANSI Z223.1/NFPA 54 or CSA B149.1, one of the following shall be indicated:

- a. A minimum clearance value determined by testing in accordance with section 2.23, Wall, Floor and Ceiling Temperatures, or;
- b. A reference to the following footnote:

"Clearances are in accordance with local installation codes and the requirements of the gas supplier."

Action: Submit revised manual for verification of compliance with the stated requirement.

Section 1.34.1-b. 20.

Includes requirements for instructions for vent configurations for B vent appliances as follows:

If manufacturers venting instructions for B vented appliances differ from the venting tables in the National Fuel Gas Code, ANSI Z223.1/NFPA54, or the current Natural Gas and Propane Installation Code, CS4 B149.1, then detailed instructions regarding the venting configuration shall be provided.

Action: If applicable, verify instructions for venting are as tested.

Section 1.34.8

Requires a marking when a fast-acting thermocouple is used, as follows:

For appliances having a fast-acting thermocouple, a Class IIIC WARNING label shall be attached to the fast-acting thermocouple adjacent to the valve connection stating:

"WARNING: Fire or explosion hazard. Can cause property damage, severe injury or death."

This is a fast-acting thermocouple. Replace it only with another fast-acting thermocouple specified by the appliance manufacturer. Refer to the manual for the part number."

The marking shall be bold-faced type with a minimum letter height of 0.1 inch (2.54 mm).

Action: If applicable verify instructions comply with this requirement.

Section 2.1.3

During tests for compliance with this standard, unless otherwise specified herein, an appliance with operable doors shall be conducted with doors fully opened and fully closed.

If the appliance requires the doors to only be closed, the appliance must incorporate a means to prevent operation with the doors open.

Action: Verify that the appliance tests were conducted with both doors open and closed or that an interlock that prevents door open operation is used.

Section 2.12.6

Identifies that an ignition system incorporating flame failure re-ignition must reestablish ignition within 0.8 seconds as follows:

If the ignition system incorporates flame failure re-ignition it shall be capable of reestablishing ignition in not more than 0.8 second following flame outage, and it shall re-ignite the main burner gas without flame flashback or damage to the appliance.

Action: If applicable, a test will be required to verify the flame re-ignition period is as specified.

Sections 2.32 and 2.32

Revises wind tests for direct vent and power vented appliances to include wind velocities of 2.5, 5, 10 and 40 mph and extends wind test requirements to vertical terminations as well as horizontal. Includes more specific installation details including evaluation with vent located at minimum specified clearances from inside corners and eave overhangs.

Action: For direct vent appliances, verify that wind testing of vent system and termination specified has been conducted per the specified requirements and found to be applicable to the

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specific appliance model. Contact your laboratory representative to determine the extent of additional testing that is required.

Section 2.33.8 Pull Test for Vent/Air Intake Systems

Adds new requirement for vent to terminal connection strength test as follows:

Sections of the venting system and vent terminal assembly shall not break, disassemble, or become damaged to the extent that they are unacceptable for further use when subject to

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the following Method of Test.

Method of Test

Representative vent pipe samples and vent terminal assemblies of two or more companion parts are to be joined together in accordance with the manufacturer's installation instructions. If cemented joints are included in an assembly, the cement is to be allowed to dry for 24 hours before the test is conducted. Three representative assemblies are to be tested for each vent size.

A longitudinal force is to be applied to each vent and vent terminal assembly. The force is to be exerted on each assembly in a direction tending to pull the assembly apart. A longitudinal force of 100 lb (445 N) is to be applied to the vent gas conduit and then, if provided, to the air inlet piping. The force is to be sustained for 5 minutes. After each test, the vent assembly shall be examined for any breakage, disassemble, or damage.

Action: Submit 3 samples of vent and termination, if not previously evaluated to this requirement for testing.

OTHER CHANGES

The following is a summary of other changes that do not require a file review and are provided for information only.

Sections General Subject and Comment

1.1.1 Clarifies that the appliance input rating can be up to and including 400,000 Btu per hour.

2.11 Adds requirements for Proved Igniter Systems.

2.28.6 For free standing appliances equipped with draft hoods, the connection to the vent terminal is now in accordance with the minimum specified height and maximum specified horizontal length specified by the manufacturer.

Previously, the vent was to terminate 5 feet (1.52 m) above the flue gas outlet, but not more than 12 feet (3.66 m) above the floor.

Part IV, Definitions Add definitions for "Accessible," "Readily Accessible," Automatic Gas Ignition System Timings," "Listed Gas Appliance Conversion Kit," "Convertible," "Dedicated," "Proved Igniter," and "Recessed Draft Relief System."

Revises definitions for "Interrupted" under "Ignition Source."