

STANDARD INFORMATION

Standard Number: UL 795

Standard Name: Commercial-Industrial Gas Heating Equipment

Standard Edition and Issue Date: 8th Edition Dated December 2, 2016

Date of Revision: December 2, 2016

Date of Previous Revision of Standard: November 27, 2013

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **April 11, 2019**

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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revise requirements.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

- Changes to referenced standards
- Direct vent revisions

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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
<p>Additions to existing requirements are <u>underlined</u> and deletions are shown lined out below.</p>		
16	Info	Motors and Motor Overcurrent or Overload Protection
16.3		An integral thermal protective device is to comply with the requirements in the Standard for Overheating Protection for Motors, UL 2111 or the Standard for Thermally Protected Motors, UL 1004-3.
19	Info	Switches and Controllers
19.12		<p>Controllers shall comply with the following, as applicable:</p> <p>a) The Standard for Industrial Control Equipment, UL 508;</p> <p>b) The Standard for Low-Voltage Switchgear and Controlgear – Part 1: General Rules, UL 60947-1;</p> <p>c) The Standard for Low-Voltage Switchgear and Controlgear – Part 4-1: Contactors and Motor Starters – Electromechanical Contactors and Motor Starters, UL 60947-4-1A; or</p> <p>e) c) <u>c)</u> The Standard for Low-Voltage Switchgear and Controlgear – Part 5-2: Control Circuit Devices and Switching Elements – Proximity Switches, UL 60947-5-2.</p>
56	Info	Direct Vent Tests
56.1	Info	Direct vent system leakage test
56.1.5		<p>The leakage rate is to be determined by the following equations:</p> $L_c = 0.04 \times V \times I$ $L_a = 0.08 \times V \times I$ <p>where:</p> <p>L_c = Allowable leakage rate from combustion chamber-vent section of direct vent system, cubic feet per hour.</p> <p>L_a = Allowable leakage rate from air intake section of direct vent system, cubic feet per hour.</p> <p>V = 1960 cubic feet of flue products based on the formation of approximately 1276 cubic feet of dry flue products plus 684 cubic feet of excess air, when one gallon of ASTM D396 No. 2 fuel oil (nominal density 7.432 pounds per gallon) is burned. 15 cubic feet of flue products based on the formation of approximately 10 cubic feet</p>



of dry flue products plus 5 cubic feet of excess air, when approximately 1,000 Btu of gaseous fuel is burned.

I = ~~Fuel oil input rating, in gallons per hour.~~ Gas input rating, in thousands of Btu per hour.

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.
