American National Standard

for

VENTED DECORATIVE GAS APPLIANCES

Approved
November 5, 1985
AMERICAN NATIONAL
STANDARDS INSTITUTE, INC.

Secretariat

AMERICAN GAS ASSOCIATION

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Arlington, Virginia 22209

HISTORY OF THE DEVELOPMENT OF STANDARD FOR VENTED DECORATIVE GAS APPLIANCES

(This History is informative and is not part of the standard.)

At the January 15-16, 1963 meeting of the Subcommittee on Approval Requirements for Vented Gas-Fired Warm Air Heaters, it was agreed there was a need for a standard for appliances such as gas logs for fireplaces which are primarily intended to be decorative rather than sources of heat. The Western Working Committee of the Heating Appliance Subcommittees was accordingly requested to work with manufacturers of such appliances and the American Gas Association Laboratories to prepare a draft standard for consideration by the subcommittee at a subsequent meeting.

The draft standard was reviewed by the subcommittee at its September 19-20, 1963 meeting and, with revisions believed desirable, was adopted and subsequently distributed for review and comment during October 1963.

The draft standard was reconsidered by the subcommittee at its January 23-24, 1964 meeting in light of the comments received. The resultant standard was adopted by Sectional Committee Z21 of the American Standards Association, Inc., at its March 26, 1964 meeting and subsequently approved as American Standard by the American Standards Association, Inc., in 1964.

On August 24, 1966, the American Standards Association, Inc., was reconstituted as the United States of America Standards Institute, and the second edition of the vented decorative appliance standard was approved as USA Standard by the United States of America Standards Institute in 1968.

On October 6, 1969, the United States of America Standards Institute was renamed the American Standards Institute, Inc. As a result, the third through sixth editions of the vented decorative appliance standard were approved as American National Standards by the American National Standards Institute, Inc. in 1973, 1976, 1979 and 1982.

Following the procedure outlined above, further revisions to the standard were developed in line with industry developments. As a result this, the seventh edition of the vented decorative appliance standard, was approved as American National Standard by the American National Standards Institute on November 5, 1985.

Previous editions of the vented decorative gas appliance standard, and addenda thereto approved by the American National Standards Institute or its predecessor organizations are as follows:

1.	Z21.50-1964	Z21.50a-1965	Z21,50b-1966
2.	Z21.50-1968	Z21.50a-1971	Z21.50b-1972
3.	Z21.50-1973	Z21.50a-1974	Z21.50b-1974
4.	Z21.50-1976	Z21,50a-1977	Z21.50b-1978
5.	Z21.50-1979	Z21.50a-1980	Z21.50b-1981
6.	Z21.50-1982	Z21,50a-1982	Z21.50b-1985

NOTE: This 1986 edition of Z21.50 incorporates changes to the 1982 edition of Z21.50 and addenda thereto. Changes, other than editorial, are denoted by a vertical line in the margin.

- Burner. A manually or mechanically operated valve which permits control of the flow of gas.
- Diaphragm Type Automatic. A device consisting essentially of an automatic valve actuated by means of the application of gas pressure upon a flexible diaphragm.
- Electric Type Automatic. A device actuated by electrical energy for controlling the gas supply.
- Manual Main Shutoff. A manually operated valve in the gas line for the purpose of completely turning on or shutting off the gas supply to the appliance, except to pilot(s) provided with independent shutoff valves.
- Safety Shutoff, A valve that is automatically closed by the safety control system or by an emergency device. Such valve may be of the automatic or manually opened type.

 Semi-Automatic. A valve that is opened manually and closed automatically, or vice versa.

VENT CONNECTOR. (See Flue.)

VENT LIMITER. A means which limits the flow of gas or air from the atmospheric diaphragm chamber of a gas appliance pressure regulator to the atmosphere. This may be either a limiting orifice or a limiting device.

VENTED DECORATIVE GAS APPLIANCE. A vented appliance whose only function lies in the esthetic effect of the flames.

VENTING SYSTEM. The gas vent, chimney or single-wall metal pipe, and vent connector if used, assembled to form a continuous open passageway from the gas appliance to the outdoor atmosphere for the purpose of removing flue or vent gases.