

AMERICAN NATIONAL STANDARD

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Z21.76a
1996



Addenda to
Z21.76-1994

GAS-FIRED UNVENTED CATALYTIC ROOM HEATERS FOR USE WITH LIQUEFIED PETROLEUM (LP) GASES

Secretariat



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APPROVAL SERVICES - U.S., INC.**
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PREFACE

The standards set forth herein apply to the third edition of the Standard for Gas-Fired Unvented Catalytic Room Heaters for Use with Liquefied Petroleum (LP) Gases, ANSI Z21.76-1994, and supersede corresponding standards therein. Following their preparation by the supervising subcommittee, they were accepted by Accredited Standards Committee Z21 and subsequently approved as an American National Standard by the American National Standards Institute, Inc.

NOTE: Changes, other than editorial, are denoted by a vertical line in the margin.

**Approved
February 15, 1996
AMERICAN NATIONAL
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Addenda to

**AMERICAN NATIONAL STANDARD FOR
GAS-FIRED UNVENTED CATALYTIC ROOM HEATERS
FOR USE WITH LIQUEFIED
PETROLEUM (LP) GASES**

PART I

CONSTRUCTION

1.1 SCOPE

1.1.1 This standard applies to newly produced unvented catalytic room heaters (see Part IV, Definitions), hereinafter referred to as heaters, constructed entirely of new, unused parts and materials, having input ratings up to and including 40,000 Btu per hour (11 723 W) for use with liquefied petroleum (LP) gases, except:

- a. Heaters suitable for installation in bedrooms shall have input ratings of 10,000 Btu (2 931 W) per hour or less; and**
- b. Heaters suitable for installation in bathrooms shall have input ratings of 6,000 Btu per hour (1 758 W) or less.**

Unvented catalytic room heaters for installation in bedrooms or bathrooms shall be wall-mounted.

The construction of unvented catalytic room heaters for use with LP gases is covered under Part I.

The performance of unvented catalytic room heaters for use with LP gases is covered under Part II.

1.8 GAS SUPPLY LINES

The following construction provisions apply to the gas supply lines used within a heater.

1.8.8 Tubing and fittings used as gas conduit upstream of the orifice shall not be exposed to temperatures in excess of those specified in Table III when the heater is operated as specified in 2.15.