



ANSI Z83.21a-2012 CSA C22.2 No. 168a-2012

Addenda for the First Edition of ANSI Z83.21-2005 • CSA C22.2 No. 168-2005 Standard for Commercial dishwashers



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Preface

The standards set forth herein apply to the first edition of the Standard for Commercial Dishwashers, ANSI Z83.21-2005 • CSA C22.2 No. 168-2005, and UL 921-2005, and supersede corresponding standards therein. Following their preparation by the supervising Technical Advisory Group, they were accepted by the American National Standards Institute (ANSI) and the Interprovincial Gas Advisory Council (IGAC), and subsequently approved.

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

APPROVED



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Addenda to the Standard for commercial dishwashers

1. Scope

1.2 This Standard covers:

- a. Electric dishwashers rated 600V or less, installed in accordance with the Canadian Electrical Code (CEC), Part 1, CSA C22.1, and the National Electrical Code (NEC), NFPA 70; and
- b. The gas-handling, gas-burning and gas-control features of gas-fired dishwashers having inputs of 400,000 Btu/hr (420 MJ/hr) or less, limited to 0.5 psig (3.45 kPa) inlet pressure, installed in accordance with the National Fuel Gas Code, ANSI Z223.2/NFPA 54, the International Fuel Gas Code, ICC IFGC or the Natural Gas and Propane Installation Code, CAN/CSA B149.1 for use with:
 1. Natural gas;
 2. Manufactured gas;
 3. Mixed gas;
 4. Propane gas;
 5. Liquefied petroleum gases; or
 6. LP gas-air mixtures.

3. General

3.3 Reference publications

3.3.1

Products covered by this Standard shall comply with the reference installation codes and standards noted in this section. For undated reference to standards, such reference shall be considered to refer to the latest edition and all amendments to that edition up to the time when this standard was approved. For dated reference to standards, such reference shall be considered to refer to the dated edition and all amendments published up to the time the Standard was approved.

CSA¹ Standards

CSA C22.1-2009, Canadian Electrical Code (CEC), Part 1 Safety Standard for Electrical Installations

C22.2 No. 0.15-2001 (R2006), Standard for Adhesive Labels

CSA C22.2 No. 8-M 1986 (R2008), Standard for Electromagnetic Interface (EMI) Filters

CSA C22.2 No. 14-2010, Standard for Industrial Control Equipment

CSA C22.2 No. 55-M1986 (R2008), Standard for Special Use Switches

CSA No. 66.3-2006, Low Voltage Transformers-Part 3: Class 2 and Class 3 Transformers

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CSA C22.2 No. 100-(R2009), Standard for Motors and Generators

CAN/CSA B149.1-2010, Natural Gas and Propane Installation Code

CAN/CSA C22.2 No. 199-M1989 (R2007), Standard for Automatic Electrical Controls for Household and Similar Use Part 2: Particular Requirements for Automatic Burner Ignition Systems and Components

CSA C22.2 No. 209-M1985 (R2008), Standard for Thermal Cut-Offs

UL² Standards

UL 372, Standard for Automatic Electrical Controls for Household and Similar Use – Part 2: Particular Requirements for Burner Ignition Systems and Components

UL 508C, Standard for Safety Power Conversion Equipment

UL 1004-1, Standard for Rotating Electrical Machines- General Requirements

UL 1004-2, Standard for Impedance Protected Motors

UL 1004-3, Standard for Thermally Protected Motors

UL 1054, Standard for Special-Use Switches

UL 5085-3, Standard for Low Voltage Transformers - Part 3: Class 2 and Class 3 Transformers

UL 60691, Standard for Thermal-Links - Requirements and Application Guide

UL 60730-1, Standard for Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements

UL 61058-1, Standard for Switches for Appliances – Part I: General Requirements

ULC³ Standards

CAN/ULC S102-2010, Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings and Miscellaneous Materials and Assemblies

ANSI⁴ Standards

ANSI Z21.18-2007/CSA 6.3-2007, Standard for Gas Appliance Pressure Regulators

ANSI Z21.20-2007/CSA C22.2 No. 199-2007, Standard for Automatic Electrical Controls for Household and Similar Use- Part 2: Particular Requirements for Burner Ignition Systems and Components

ANSI Z21.21-2005/CSA 6.5-2005, Standard for Automatic Valves for Gas Appliances

ANSI Z21.78-2005/CGA 6.20-2005, Combination Gas Controls for Gas Appliances

ASME⁵ Standards

ANSI/ASME B36.10-M2004, Requirement for Welded and Seamless Wrought Steel Pipe