

STANDARD SPECIFICATION  
JANUARY 2010

**DIVISION 11**

**SECTION 11A RESIDENTIAL APPLIANCES**

11A.01 GENERAL: Comply with all of the Contract Documents.

11A.02 SCOPE OF WORK: Refer to Division "Scope of Work"

11A.03 WORK NOT INCLUDED

A. The following items are excluded from the work of this Section:

1. Hook-up of ranges by Section 15 and Section 16

11A.04 APPLIANCES AND REQUIREMENTS

A. Refrigerators

1. Free Standing Refrigerators shall be manufactured by General Electric Appliances or approved equal and shall have a top-freezer and bottom fresh food compartments meeting the Energy Star® qualifications, and ranging from 15.0 Cu. Ft. to 16.0 Cu. Ft. with the following requirements:

Product major details:

- a. Capacity;
  - Total Capacity ~ 15.50 Cu. Ft.
  - Shelf Area ~ 21.90 Sq. Ft.
  - Fresh Food Capacity ~ 11.44 Cu. Ft.
  - Freezer Capacity ~ 4.10 Cu. Ft.
- b. Features;
  - Exterior Style - Free Standing
  - Defrost Type - Frost Free
  - Control Type - Front Temperature Controls
  - Vegetable/Fruit Crispers - 2
  - Fixed Door Shelves with Gallon Storage - 2
  - Adjustable Wire Full-Width Shelves - 2
  - Fixed Freezer Door Shelves - 2
  - Freezer Ice Tray - 1
- c. Appearance;
  - Door Swing - Reversible Hinges
  - Handles - Surface Mount
  - Color Appearance - White-on-White or as selected by Architect

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- d. Dimensions;
  - Overall Width - 28 in
  - Overall Height ~ 61 ¾ in.
  - Overall Depth ~ 31 in.
  - Side Air Clearances - ¾ in. min.
  - Top Air Clearances - 1 in. min.
  - Back Air Clearances - 1 in. min.
  - Height to Mid-Freezer ~ 51 3/8 in. (54 in. max)
  
- e. Power / Rating;
  - Volts/Hertz/Amps - 120V; 60Hz; 15A;
  - Listing - Underwriters Laboratories (UL)

B. Gas Ranges

- 1. Free Standing Standard Clean Gas Ranges shall be manufactured by General Electric Appliances or approved equal with the following requirements:

Product major details:

- a. Capacity;
  - Unit Capacity - Extra-Large Oven
  
- b. Features;
  - Cook-top Burner Type - Standard
  - Ignition System - Electronic
  - Fuel Type - Natural Gas (Factory Set)
  - All-Purpose Burners - 4
  - Oven Rocks - 2
  - Oven Cleaning Type - Standard Hand Cleaning
  - Interior Oven Light - 1
  - Slide-Out Broiler Drawer - 1
  - Cook-Top Surface - Porcelain-Enamel (Lift-Up)
  - Cook-Top Burner Grate - Standard Porcelain Steel
  - Back-Guard - Porcelain-Enamel
  
- c. Appearance;
  - Oven Door - ClearView™ Window
  - Cook-Top Burner Grate - Grey
  - Color Appearance - White-on-White or as selected by Architect
  
- d. Dimensions;
  - Overall Width - 30 in.

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- Overall Height ~ 45 ½ in.
- Overall Height (Cook-Top) ~ 36 ¼ ± ¼ in.
- Overall Depth ~ 26 ¼ in.

- e. Power / Rating;
  - Volts/Hertz/Amps - 120V; 60Hz; 5A;
  - Top Burner Nat. Gas BTU Rating - 9100
  - Oven/Broiler Nat. Gas BTU Rating - 18000
  - Listing - Underwriters Laboratories (UL)

NOTE – For adaptable apartments self cleaning type gas ranges shall be provided. All range controls shall be on front panel.

C. Range Hoods

- 1. Non-Vented Standard Range Hood shall be manufactured by General Electric Appliances or approved equal with the following requirements:

Product major details:

- a. Features;
  - Venting Type - Recirculation
  - Light Controls - On/Off Rocker Switch
  - Fan Controls - Rocker Switch
  - Fan Speed Control - 2-Speed
  - Removable Grease Filter - Single Mesh and Carbon (Odor absorbing activated charcoal filter)
- b. Appearance;
  - Color Appearance - White-on-White or as selected by Architect
- c. Dimensions;
  - Kitchen Cabinet Width - 30 in.
  - Overall Width - 29 7/8 in.
  - Overall Height - 5 ½ in.
  - Overall Depth - 17 ½ in.
- d. Power / Rating;
  - Volts/Hertz/Amps - 120V; 60Hz; 2.5A;
  - Listing - Underwriters Laboratories (UL)

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- D. All residential appliances shall be from the same manufacturer.

11A.05 PARTS DATA

- A. Contractor shall furnish the name of the appliance distributor(s) and a book or manual for the ordering of replacement parts.

11A.06 DELIVERY

- A. Appliances shall be delivered to the job site, uncrated inside of the building and fully assembled with the exception of applied parts, which shall be attached at the place of installation. Doors and movable parts shall be secured in manner to prevent their being damaged during distribution and installation.

11A.07 INSTALLATION

A. Refrigerators

1. Refrigerators shall be uncrated, set in the proper locations, plugged in and tested. If refrigerator in operating condition, all padding, crates and rubbish shall be removed from the premises in a legal manner. The guarantee identified with the apartment number and shall be handed to the Owner's representative. Door swing shall be coordinated with the Project Architect prior to procurement.

B. Gas Ranges

1. Gas ranges shall be uncrated, set in the proper locations, all electrical and gas connections made and properly adjusted so that they shall operate at maximum efficiency. If gas ranges in operating condition, all padding, crates and rubbish shall be removed from the premises in a legal manner. The guarantee identified with the apartment number shall be handed to the Owner's representative.

C. Range Hoods

1. Range hoods shall be uncrated, set in the proper locations, plugged in and tested. If range hood in operating condition, all padding, crates and rubbish shall be removed from the premises in a legal manner. The guarantee identified with the apartment number shall be handed to the Owner's representative.

D. Leveling

1. All appliances (refrigerators, gas ranges and range hoods) shall be leveled during installation.

11A.08 TESTING AND CERTIFICATION OF GAS RANGES

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- A. All furnished gas ranges shall bear the CSA Blue Star mark indicating that the range is certified to applicable U.S. standards for appliances using natural gas. The submission of CSA-labeled ranges shall not preclude any additional examination, prior to or subsequent to delivery of samples or tests that may be required by Architect/Engineer to determine specification compliance.

11A.09 SUBMITTALS

- A. Submit manufacturer's catalog cuts with all product details and specifications for approval by Architect/Engineer.
- B. All equipment shall be UL approved.

11A.10 GUARANTEE

- A. Guarantee all items of work furnished and installed under this Section for (1) one year, in addition to manufacturer's standard warranties. All guarantees to be from the date, when **Final Certificate of Occupancy** is issued from Department of Buildings.

END OF SECTION