

SECTION 11451 - RESIDENTIAL APPLIANCES

PART 1 GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.02 SUMMARY

- A. This Section includes the following:
 - 1. Range hoods.
 - 2. Installation of Owner Furnished Appliances
- B. Related Sections include the following:
 - 1. Division 1 Section "Summary" for owner furnished products.
 - 2. Division 15 Section "Water Distribution Piping" for plumbing connections to residential appliances.
 - 3. Division 15 Section "Sewerage and Vent Piping" for drainage plumbing connections to residential appliances.
 - 4. Division 15 Section "Plumbing Fixtures" for kitchen sinks.
 - 5. Division 16 Section "Conductors and Cables" for services and connections to residential appliances.

1.03 SUBMITTALS

- A. Product Data: For each appliance type required indicating compliance with requirements. Include complete operating and maintenance instructions for each appliance.

1.04 QUALITY ASSURANCE

- A. Installer Qualifications: An experienced installer who is an authorized representative of the residential appliance manufacturer for both installation and maintenance of appliances required for this Project.
- B. Source Limitations: Obtain residential appliances through one source from a single manufacturer.
- C. Product Options: Drawings indicate sizes, profiles, and dimensional requirements of residential appliances and are based on the specific types and models indicated.
- D. Electrical Appliances: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction.
- E. UL and NEMA Compliance: Provide electrical components required as part of residential appliances that are listed and labeled by UL and that comply with applicable NEMA standards.

1.05 DELIVERY

- A. Deliver appliances only after utility rough-in is complete and construction in the spaces to receive appliances is substantially complete and ready for installation.

1.06 WARRANTIES

- A. General Warranty: Special warranties specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.
- B. Special Warranties Written warranties, executed by manufacturer of each appliance specified agreeing to repair or replace residential appliances or components that fail in materials or workmanship within the manufacturer's standard warranty period.

PART 2 PRODUCTS

2.01 PRODUCTS AND MANUFACTURERS

- A. Products: Appliances that may be incorporated into the Work include, are those indicated in the Residential Appliance Schedule at the end of Part 3.

2.02 RESIDENTIAL APPLIANCES

- A. Exhaust Hood: Wall-mounted, undercabinet exhaust hood, listed by UL, and complying with requirements specified in the Residential Appliance Schedule.
- B. Electric Ranges: Owner furnished
- C. Electric Refrigerators: Owner furnished

PART 3 EXECUTION

3.01 EXAMINATION

- A. Examine roughing-in for plumbing, mechanical, and electrical services, with Installer present, to verify actual locations of services before residential appliance installation.
 - 1. Proceed with installation only after unsatisfactory conditions have been corrected.

3.02 INSTALLATION

- A. General: Comply with manufacturer's written instructions.
- B. Built-in Equipment: Securely anchor units to supporting cabinets or countertops with concealed fasteners. Verify that clearances are adequate for proper functioning and rough openings are completely concealed.
- C. Freestanding Equipment: Place units in final locations after finishes have been completed in each area. Verify that clearances are adequate to properly operate equipment.
- D. Utilities: Refer to Divisions 15 and 16 for plumbing and electrical requirements.

3.03 ADJUSTING AND CLEANING

- A. Test each item of residential appliances to verify proper operation. Make necessary adjustments.
- B. Verify that accessories required have been furnished and installed.
- C. Remove packing material from residential appliances and leave units in clean condition, ready for operation.

3.04 RESIDENTIAL APPLIANCE SCHEDULE

- A. Exhaust Hood: Provide and install exhaust hoods complying with the following:

1. Products: Provide the following products:
 - a. 30" Ductless Range Hood, Model #413001, manufactured by Broan.
2. Type: Wall-mounted recirculating, nonventing range hood.
3. Fan Control: Two-position rocker switch.
4. Finish: Baked enamel.
 - a. Color: White
5. Standard features include the following:
 - a. Permanent washable filter.
 - b. Built-in lighting.

END OF SECTION 11451

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