

SECTION 113100 - RESIDENTIAL APPLIANCES**PART 1 - GENERAL****1.1 SUMMARY****A. Section Includes:**

1. Installation of owner provided residential appliances.

1.2 COORDINATION**A. Coordinate with owner prior to beginning construction the complete list of residential appliances required for the project to ensure electrical, plumbing, gas and mechanical (exhaust) services are included in the construction documents.**

1. Coordinate with the millwork drawings shown and provide size requirements for built-in and recessed appliances for inclusion in the millwork shop drawings.
2. Include the following in the coordination documents:
 - a. Operational clearances and ventilation space required around each appliance if applicable.
 - b. Rough-in dimensions for utilities.
 - c. Configuration, voltage and wattage required at each electrical connection.
 - d. Configuration and capacity requirements for water, gas and mechanical connections.

B. Document Discrepancies: Where construction documents fail to indicate the required services at locations indicated to receive owner furnished appliances or otherwise conflict with the actual requirements of each appliance shown, the contract amount shall be adjusted by change order per the requirements of section 012600 "Contract Modification Procedures".

1. Additional cost, including but not limited to removal and replacement of work in place, resulting from the contractor's failure to obtain information from the owner on residential appliances and to coordinate the requirements listed above with the applicable subcontractor prior to commencing work, will be the responsibility of the General Contractor.
2. Where information provided by the Owner to the Contractor is inaccurate or is modified during the course of the work resulting in a change to the utilities, ventilation clearances and millwork already in place, the contract amount shall be adjusted by change order per the requirements of section 012600 "Contract Modification Procedures".

PART 2 - PRODUCTS (Not Applicable)**PART 3 - EXECUTION****3.1 INSTALLATION, GENERAL****A. Built-in Equipment: Securely anchor units to supporting cabinets or countertops with concealed fasteners. Verify that clearances are adequate for proper functioning and that rough openings are completely concealed.**

1. Where appliances are required to be anchored or supported by vertical framing, provide fire retardant treated wood blocking as recommended by the appliance manufacturer.

B. Freestanding Equipment: Place units in final locations after finishes have been completed in each area. Verify that clearances are adequate to properly operate equipment.**C. Utilities: See plumbing and electrical documents for utility requirements.**

1. Coordinate connection requirements of appliances, both in the contract and those provided by the owner, to ensure proper configuration of electrical receptacles, water and waste pipe fittings, and vent piping.
2. Coordinate voltage and amperage of electrical service to each appliance, before roughing in electrical to appliance locations.
3. Coordinate water demands and drainage requirements of appliances requiring plumbing connection.

3.2 FIELD QUALITY CONTROL

- A. Leak Test: After installation, test for leaks. Repair leaks and retest until no leaks exist.
- B. Operational Test: After installation, start units to confirm proper operation.
 - 1. Test and adjust controls. Notify owner of damaged and malfunctioning controls and components.

END OF SECTION 113100