

## CENTRAL AIR CONDITIONER - REPLACEMENT

### Equipment Requirements

- Furnish and install select system that is Energy Star certified or equivalent as per manufacturer installation instructions, state mechanical code and per the following specifications:
  - Minimum SEER rating of 15
  - Fan coil central air conditioning unit, mounted either vertically or horizontally, with an exterior condensing unit.
  - New A-Coil must be compatible with existing air handler and new condensing unit.
- **Pictures of the A-Coil must be taken before sealing plenum and provided with invoice.**
- The condensing unit shall be placed on a concrete or suitably approved pad that is a minimum of 3" above grade.
- Insulate all piping and fittings.
- Install a new pleated filter of the highest MERV rating that can be installed without being overly restrictive.
- Install new programmable thermostat(s). Place in central location to facilitate balanced heating/cooling.

### Electrical

- Wiring of new central A/C unit by licensed electrician per manufacturer's specifications and as per state electrical code.
- Exterior service disconnect must be installed per code.
- A/C is to be wired into separate circuit and controlled and identified at service panel.

### Client info/Education

- Contractor is responsible for registering unit for warranty.
- Leave all manuals, warranties, and instructions on equipment operation.
- Prominently display the contractor's contact information on the new unit.
- Educate household on proper operation and maintenance of system:
  - filter replacement; MERV rating, size, frequency
  - proper use and programming of thermostat

Work shall be performed in accordance with the Standard Work Specifications developed by the National Renewable Energy Laboratory for the Weatherization Assistance Program along with state, local and municipal codes. These standards can be referenced at <https://sws.nrel.gov/>.