

## SECTION 22 34 38 WATER HEATER, GAS FIRED - ATMOSPHERIC

### PART 1 - GENERAL

#### 1.01 RELATED WORK

- A. Section 22 07 00: Plumbing Insulation
- B. Section 22 11 16: Domestic Water Piping
- C. Division 26: Electrical

#### 1.02 SUBMITTALS

- A. Submit product data for review.

### PART 2 - PRODUCTS

#### 2.01 ACCEPTABLE MANUFACTURERS

- A. A.O. Smith
- B. Lochinvar
- C. State Industries
- D. Rheem/Rudd

#### 2.02 EQUIPMENT

- A. Carbon steel, glass lined storage tank, ASME Fired Pressure Vessels, code stamped "F" for 150 psi working pressure. Unit shall meet ASHRAE/IES 90.1b-1992 Energy Regulations and Emissions.
- B. Provide the following features:
  - 1. Stainless steel burners and 100% safety shut-off controls
  - 2. ASME temperature and pressure relief valve
  - 3. Fiberglass insulation with steel jacket
  - 4. Operating instructions
  - 5. Parallel arranged heaters supplied with factory manifolds

### PART 3 - EXECUTION

#### 3.01 INSTALLATION

- A. Furnish factory or manufacturer's service representative to verify system installation and operation.
- B. Verify location and clearance per local code requirements.
- C. Install in accordance with manufacturer's recommendations and project drawings.
- D. Vent heater to atmosphere in accordance with drawings.
- E. Insulation for water connections in accordance with Section 22 07 00.

F. Clean heater and piping.

END OF SECTION