

working space and platform shall be provided to service the appliance.

**Exception:** Unit heaters and room heaters may be installed with an eighteen (18) inch (457 mm) minimum depth working space. A platform shall not be required for unit heaters or room heaters. The operating instructions shall be attached to the appliance where they can be read easily.

**305.1 Accessibility for Service.** All gas utilization equipment shall be located with respect to building construction and other equipment so as to permit access to the gas utilization equipment. Sufficient clearance shall be maintained to permit cleaning of heating surfaces; the replacement of filters, blowers, motors, burners, controls, and vent connections; the lubrication of moving parts where necessary; the adjustment and cleaning of burners and pilots; and the proper functioning of explosion vents, if provided. For attic installation, the passageway and servicing area adjacent to the equipment shall be floored.

### 306.0 Automatic Control Devices.

Heating appliances shall be equipped with a listed device or devices that will shut off the fuel supply to the main burner or burners in the event of pilot or ignition failure. In addition, liquefied petroleum gas-air-burning heating appliances shall be equipped with a listed automatic device or devices that will shut off the flow of gas to the pilot in the event of ignition failure.

**Exception:** The listed shutoff devices shall not be required on range or cooking tops, log lighters, lights, or other open-burner manually operated appliances, or listed appliances not requiring such devices and specific industrial appliances as approved by the Authority Having Jurisdiction.

Heating appliances whose manual fuel controls are not readily accessible from the main portion of the building being heated shall be equipped with remote controls.

Forced-air and gravity-type warm-air furnaces shall be equipped with a listed air outlet temperature limit control that cannot be set for temperatures higher than 250°F (121°C). Such controls shall be located in the bonnet or plenum, within two (2) feet (610 mm) of the discharge side of the heating element of gravity furnaces or in accordance with the conditions of listing.

Electric duct heaters shall be equipped with an approved automatic reset air outlet temperature limit control that will limit the outlet air temperature to not more than 200°F (93°C). The electric elements of the heater shall be equipped with fusible links or a manual

reset temperature limit control that will prevent outlet air temperature in excess of 250°F (121°C).

### 307.0 Labeling.

**307.1 Fuel-Burning Appliances.** Fuel-burning heating appliances shall bear a permanent and legible factory-applied nameplate on which shall appear:

**307.1.1** The manufacturer's name.

**307.1.2** The approved fuel input rating of the appliance, expressed in Btu/h (W).

**307.1.3** The model and serial number.

**307.1.4** Instructions for the lighting, operation, and shutdown of the appliance.

**307.1.5** The type of fuel approved for use with the appliance.

**307.1.6** The symbol of an approved agency certifying compliance of the equipment with recognized standards.

**307.1.7** Required clearances from combustible surfaces on which or adjacent to which it may be mounted.

**307.2 Electric Heating Appliances.** Electric heating appliances shall bear a permanent and legible factory-applied nameplate on which shall appear:

**307.2.1** The name or trademark of the manufacturer.

**307.2.2** The catalog (model) number or equivalent.

**307.2.3** The electrical rating in volts, amperes (or watts), and, for other than single phase, the number of phases.

In addition, the appliance shall be permanently and legibly marked at the factory with:

**307.2.4** The output rating in Btu/h or kW.

**307.2.5** The electrical rating in volts, amperes, or watts of each field-replaceable electrical component.

**307.2.6** The symbol of an approved agency certifying compliance of equipment with recognized standards.

**307.2.7** Required clearances from combustible surfaces on which or adjacent to which it may be mounted.

Also, the appliance shall be accompanied by clear and complete installation instructions, including required clearances from combustibles other than mounting or adjacent surfaces, and temperature rating of field-installed wiring connections if over 140°F (60°C).