



Mechanical Requirements New Heating Systems Master Requirement MEC 102

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Heating System Permits

Prior to the installation of any heat system in dwelling units which have individual, self-contained heating systems, contractors are required to apply for and obtain heat permits.

Hydronic Heating Systems

Hydronic systems must be designed to the latest edition of “Guidelines for the Design and Installation of Hot Water Heating Systems”, ASHRAE, IBR, CSA B214-021, or other standard recognized by the Mechanical Inspector to under the design supervision of a professional engineer.

The following documents must be submitted with the heat permit application:

- Appliance selection worksheet (TECA)
- Heat Loss Summary Sheet
- Hydronic Radiant Floor Panel Worksheet
- Boiler Room Layout
- Ventilation design/checklist including provisions for HVR system

Forced Air Heating Systems

Forced air systems must be designed either to the latest edition of “Quality First Forced Air Guidelines” ASHRAE, HRAI, or other standard recognized by the Mechanical Inspector or under the design supervision of a professional engineer.

The following documents must be submitted with the heat permit application:

- Appliance Selection Worksheet
- Heat Loss Summary Sheet/Heat Load Worksheet

The following documentation must be left with the owner’s manual on the appliance:

- Supply Air Duct System Layout and Summary
- Return Air Duct System Layout and Summary