



UNIFORM BUILDING CODE COMMISSION EXISTING RULE REVIEW FORM

TRACKING NUMBER: **RFGMP-2**

CODE CHANGE INFORMATION:

New Edition Year Under Review: 2024 International Residential Code

Page Number in New Edition Under Review:

Originating Committee: Residential Fuel Gas, Mechanical, Plumbing Technical Code Review

Original Edition Year Modified: 2018

Current Rule Numbering: 748:20-6-19 (1)

Section/Table/Figure Modified: Chapter 14, Section M1401.3

EXISTING RULE:

M1401.3 Equipment and appliance sizing. Heating and cooling equipment and appliances shall be sized in accordance with ACCA Manual S or other approved sizing methodologies based on building loads calculated in accordance with ACCA manual J or other approved heating and cooling calculation methodologies. Documentation demonstrating compliance with this section is to be provided to the authority having jurisdiction at the time a mechanical permit is required on one- and two-family dwellings and townhouses. **Exception:** Heating and cooling equipment and appliance sizing shall not be limited to the capacities determined in accordance with Manual S where either of the following conditions applies:

1. The specified equipment or appliances utilizes multistage technology or variable refrigerant flow technology and the loads calculated in accordance with the approved heating and cooling calculation methodology are within the range of the manufacturer's published capacities for that equipment or appliance.
2. the specified equipment or appliance manufacturer's published capacities cannot satisfy both the total and the sensible heat gains calculated in accordance with the approved heating and cooling calculation methodology and the next larger standard size unit is specified.

HISTORICAL INFORMATION:

This section was modified during a commission meeting and a discussion that took place related to the Manual J requirements.