Section 606 Commercial Kitchen Hoods

Question: This section requires that a Type I Commercial Cooking Hood shall be installed at or above all commercial and domestic cooking appliances used for commercial purposes that produce grease laden vapors. Does this mean that the property owner/property manager shall be required to install a Type I hood over a cooking appliance that will be used ONLY for warming purposes?

Interpretation: The 2024 International Mechanical Code addresses the questions with Section 507.1.2 Domestic cooking appliances used for commercial purposes. *"Domestic cooking appliances utilized for commercial purposes shall be provided with Type I or Type II hoods as required for the type of appliances and processes in accordance with Sections 507.2 and 507.3. Domestic cooking appliances utilized for domestic cooking shall comply with Sections 505".*

If it is indicated within the construction documents, that the residential stove shall be used for warming purposes only, then the following shall be declared to determine if a Type I, Type II, or no hood will be required.

Clarify the maximum frequency of appliance operation, along with time duration, number of people served, and the types of use for the domestic cooking appliance(s) shown, whether proposed or existing. Clarification shall be provided addressing as to whether the appliance will ever be used to serve food to the public. The required narrative/clarification shall be provided on letterhead paper of the establishment, signed by the owner and/or property manager of the establishment, and addressed to: Mesa Fire and Medical Department, Fire Marshal.

Section 606 Commercial Kitchen Hoods

If it is determined that one of the above noted hoods will not be required, a permanent sign shall be posted above the stove(s) indicating that said appliance shall be used for warming purposes only. The size, and location of the sign, shall be determined by the Fire Department.

Reasoning: Type I hoods shall be installed where cooking appliances shall produce grease or smoke laden vapors and Type II hoods shall be installed where cooking or dishwashing appliances produce heat, steam, or products of potential combustion. Because your establishment has declared that the cooking devices used are for warming purposes only and shall not produce grease or heat, as typically generated within commercial application, a Type I or II Commercial Cooking hood wil not be required.

606.2 Where required. A Type I hood shall be installed at or above all commercial cooking appliances and domestic cooking appliances used for commercial purposes that produce grease vapors.