

# REPLACEMENT & NEW COMMERCIAL MECHANICAL EQUIPMENT INSTALLATION



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Replacement unit(s):	(qty.)	New unit(s):	(qty.)
<p><b>MPE permit application</b>, when replacing unit with no framing modifications required</p> <p><b>CMI permit application</b>, when new structural framing is required</p> <p><b>CMI permit application</b>, when mechanical and electrical inspections are required</p> <p>Note: If this scope of work is related to a tenant improvement a DEF application may be appropriate. Contact <a href="mailto:planreview@cityofvancouver.us">planreview@cityofvancouver.us</a> for questions.</p>			
<b>Operating Weight of proposed</b> (Include economizer and curb):		<b>lbs</b>	
<b>Operating Weight of existing</b> (if applicable):		<b>lbs</b>	
<p><b>Roof or Attic Installation</b> (choose one)</p> <p>Proposed unit <u>weighs less than</u> existing unit</p> <p>Proposed unit <u>is less than 5% increase in weight</u></p> <p>Engineering calculations provided.</p>		<p><b>Slab on Grade</b></p>	
<p>Note: Calculations are required for new roof of attic installations for equipment weighing more than 400lbs or when replacement equipment is more than 5% heavier than existing</p>			
<p><b>2018 WSEC Section C403.1.2</b> Calculation of Heating &amp; Cooling Loads shall determine Equipment &amp; System Sizing required. <b>C403.3.1</b> The output capacity of heating &amp; cooling equipment shall be no greater than that of the smallest equipment size that exceeds the loads calculated.</p> <p><b>C403.1.1</b> Calculation of Total System Performance Ratio not required in alterations to existing buildings that do not substantially replace the entire HVAC system. <a href="http://waenergycodes.com">http://waenergycodes.com</a></p>			
<p><b>Description of system</b> (e.g. Packaged rooftop unit with gas heat pump):</p>			
<p><b>Model number(s):</b></p>			
<b>Unit capacity Proposed:</b>		<b>Btu/h</b>	
<b>Unit capacity Existing</b> (if applicable):		<b>Btu/h</b>	
<p><b>Energy Efficiency of proposed</b> (SEER, EER/IEER, COP, HSPF, AFUE):</p>			
<p><b>Minimum Energy Efficiency Required</b> (WSEC Table C403.3.2):</p>			
<p><b>Economizer is provided</b> (typical for packaged units)</p> <p><b>Economizer is not provided.</b> Explain and provide C403.5 Exception Number (if applicable):</p>			