



AC UNIT, CONDENSER & GENERATOR GUIDELINES (Mechanical Permit)

Requirements for All Units:

- All new mechanical units must include a site plan with their permit application, showing the location of the equipment, and its distances to the property lines.
 - If the unit is less than 3 feet tall, it may be 5 feet from the property line. If it is taller, it must meet standard property setbacks.
- All new units must meet the Town's noise ordinance. SAMC 4-7.104. When measured from the property line, **sound levels shall not be higher than:**
 - **50 decibels from 7 am - 7 pm;**
 - **45 decibels from 7 pm - 10 pm;**
 - **40 decibels from 10 pm - 7 am.**
- If a new mechanical unit (generator) supports emergency equipment, then the sound level shall not be higher than 70 decibels, when measured from the property line. Note: A public safety power shutoff (PSPS) is not considered a town emergency, unless specifically declared.
- To get your permit approved you will need to provide the equipment specifications, showing the ability to function at or below the noise ordinance limits. If these limits cannot be met, a noise reducing barrier must be installed. The barrier's specifications and reduction levels shall be submitted as well. The reduction level is to be subtracted from the normal operating decibel level of the unit found in the manufacturing listings. The combined level must be less than 40 decibel when measured from the property line.
- You can use the following website to calculate decibels: <http://hyperphysics.phy-astr.gsu.edu/hbase/Acoustic/isprob2.html>

Additional Requirements for Generators:

- If your generator is fed by a gas line:
 - Gas line must be clearly shown on the site plan. Also provide all required setbacks from property lines, combustibles, vegetation, and location of underground utilities.
 - Provide gas plumbing calculations (for pipe sizing).
- If your generator connects to your electrical panel (rather than running appliances directly off generator):
 - Provide a single line diagram including wire size, indicate transfer switch or interlock, and indicate if the generator is a "separately derived system."