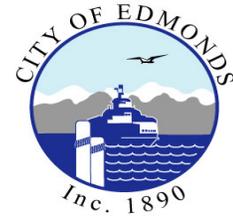


city of edmonds development information



Commercial Mechanical/HVAC Permit Submittal Requirements

PERMIT REQUIRED: A permit is required for the installation of mechanical equipment.

CODES: International Mechanical & Fuel Gas Code (Current Edition)
Uniform Plumbing Code (Current Edition)
Washington State Energy Code (WSEC) (Current Edition)

FEE: Based on size and type of equipment or appliance

SUBMITTAL REQUIREMENTS:

1. Permit Application [Form C](#).
2. Provide Manufacturer's specifications and/or cut sheets for all equipment.
3. Submit applicable State Non-Residential Energy Code compliance forms. Forms available at <http://www.neec.net/energy-codes.html>.
4. Two (2) sets of plans showing the following:
 - a) Locations of all heating, ventilation, air conditioning equipment, including exhaust fans. Note fuel source, Btu input/output.
 - b) Provide HVAC ductwork layout, including supply diffusers, return air grills, and cfm.
 - c) Location and type of all fire/smoke dampers. Provide manufacturer's specifications.
 - d) Show duct smoke alarm (detector) locations.
 - e) Show or detail how combustion air will be provided.
 - f) Specify duct and pipe insulation R-value, and duct sealing.
 - g) Show condensate waste discharge location.
 - h) Label all plenums and provide details showing plenum construction and exposed materials within the plenum.
 - i) Venting path for exhaust ducts, dryer vents, gas appliance vents, B-vents, etc. and show outlet/inlet locations.
 - j) Locations and construction details of all mechanical shafts, including listed and tested assemblies.
 - k) For roof mounted equipment, provide weight of equipment and structural support information, including roof framing plans, snow and dead loads, etc. Provide building elevations showing visibility of mechanical equipment and screening and equipment dimensions.
 - l) Provide construction details for mechanical equipment support structures, including wall and ceiling platforms.
 - m) Dimension clearances around mechanical equipment.
 - n) Provide seismic anchoring details. For units weighing over 400 lbs. provide calcs. & details stamped and signed by Washington State Licensed Engineer.
 - o) Provide parking garage ventilation calculations, show location and size of supply and exhaust fans, and location of exhaust outlet to building openings, supply inlets, property lines, and height above grade.
 - p) Gas piping layout, sizing, pipe material, and support hanger spacing, and number of gas piping outlets.
 - q) Provide outdoor air calculations per State IMC Table 403.3; detail on plans how provided and distributed.

NOTE: All listed and tested appliances or units shall be installed per the manufacturer's specifications.