

HOWARD COUNTY
HEATING-VENTILATION AND AIR CONDITIONING PERMIT POLICY

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
3430 COURT HOUSE DRIVE
ELLCOTT CITY, MARYLAND 21043
PERMITS (410) 313-2455 option 4
http://www.howardcountymd.gov/DILP/DILP_HomePage.htm

INSPECTOR (410) 313-1840; INSPECTION REQUESTS (410) 313-3800

HVAC Permits Are Required for the Following Work in Residential Occupancies (residential occupancy is defined as any occupancy classified as Use Group R, as defined in the Howard County Code, including, but not limited to: new single family dwellings, modular dwellings, accessory dwelling units, apartment units, hotel/motel rooms, and assisted living homes with 16 or fewer clients).

- HVAC installations in new construction.
- Any conversion of electric to another energy source.
- Additions and alterations that require installation of new HVAC systems.
- Replacement HVAC equipment when gas or oil fired, or when a geothermal tax credit is being sought regardless of energy source. *

Work Exempt from HVAC Permits:

- Permits are not required for any minor HVAC repairs or for duct extensions to an existing HVAC system. Examples of such minor repairs include but are not limited to:

Fan Motors	Humidifiers	Air Cleaners
Room Heaters	Pellet Stoves (without Ducts)	Fireplace Stoves
Masonry Fireplaces	Factory Built Fireplaces	Portable Heaters

- HVAC permits are not required for exact replacement of existing equipment (same BTU's & fuel type): *Other permit types may be required.

Fan Coil Units	Evaporator Coil	Furnaces (all fuel types)
Outdoor Units	Air Conditioners	Heat Pumps
Condensing Units	Compressors	

***A permit is not required for a replacement Geo Thermal System, however, if a tax credit is being sought a permit and Manual J calculations are required.**

HOWARD COUNTY HVAC PERMIT SUBMITTALS

HVAC permit applications for a system to be installed in a new single family dwelling or new single family addition hotel/motel, apartment units must be accompanied by a simplified, but accurate floor plan drawing drawn to scale on 8 ½ x 11 or 8 ½ x 14 paper which includes:

Items 1-4 are required for ALL new system submittals. For HVAC equipment replacement permits only item #4, (Manual J) is required.

1. An INFORMATION BLOCK with:
 - The specific building address (house number NOT just the lot number)
 - Name of contractor doing the work
 - Licensee's name and signature
 - State License Registration Number
 - Scale used on the plan submitted
 - North arrow indicated on the plan
2. All rooms, windows, exterior doors, skylights, porches, attic access to equipment, and other relevant construction features that may affect the integrity of the HVACR system and its installation.
3. A line drawing of the HVAC system components superimposed on the plan showing the locations, dimensions and relevant elements, including, but not limited to:
 - Interior and exterior HVAC equipment
 - Duct trunk lines and transitions
 - Branch ducts/run-outs, dampers and registers with cfm ratings
 - Thermostats
 - Return ducts and grills
 - Duct insulation of R8 or greater for supply and R6 on all others
4. Manual J calculations for the proposed work which include the following information:
 - Equipment summary including manufacturer, model number and BTU's input and output
 - Summary of heat load for each zone plus the entire dwelling
 - Room-by-room analysis
 - Eighth Edition