



HVACR INSPECTIONS (amended 6/7/10)

HVACR permits must be obtained prior to commencement of work and it will be the Master HVACR's responsibility to make application to the Permits and Inspection Department for all HVACR permits and call for all required inspections.

Design and install system (equipment and ductwork) per 2003

IMC (International Mechanical Code)

IECC (International Energy Conservation Code)

IRC (International Residential Code) – if applicable

IBC (International Building Code) – if applicable

Long form Manual J calculations for proposed work (due at time of application) to include an equipment summary including manufacturer and model number.

Full duct design to scale at time of permit application.

HVACR rough-in - The dwelling shall be weather tight prior to receiving a HVACR rough-in inspection.

Crawlspace and underfloor spaces containing appliances requiring access shall be provided with an unobstructed passageway large enough to remove the largest appliance, but not less than 30 inches high and 22 inches wide, nor more than 20 feet in length when measured along the centerline of the passageway from the opening to the appliance. A level service space at least 30 inches deep and 30 inches wide shall be present at the front or service side of the appliance.

The Talbot County Electrical Board per the current National Electric Code requires that electrical installation performed in conjunction with HVAC installs and equipment change-outs require an electrical inspection and must be performed by a licensed electrician. The Board further agreed that the HVAC permits issued for new installs and change-outs should reflect a permit number that should be made available to the electrical contractor, by the HVAC contractor for the electrical inspection application. This office must receive confirmation of final electrical inspection approval prior to us performing final HVAC inspection.

Rough In Inspection: The installation of all parts of the HVACR system which can be completed prior to the installation of grilles, registers, thermostats and outdoor unit.

1. Metal ducts shall be supported by 0.5 inch wide 18 gage metal straps or 12 gage galvanized wire at intervals not exceeding 10 feet or by other approved means.
2. Nonmetallic ducts shall be supported in accordance with the manufacturer's installation instructions.
3. Supply boots in unconditioned space are to be insulated to prevent accumulation of condensation.
4. Nail plates (*any penetration through 2 x4 plates less than 1.5 inches from edge. Nail plates shall extend at least two inches below top plates and two inches above sole plates.*)
5. Heating and cooling equipment shall be located with respect to building construction and other equipment to permit maintenance, servicing and replacement.
6. Copper line set run through floors to outdoor unit location.
7. Drain pan under equipment installed where damage to building components will occur must be minimum 1.5" depth and not less than 3" larger than the units width and length.
9. A minimum of thirty inches of working space shall be provided in front of the control side to service an appliance.
10. Cutting, notching or drilling structural member is to be in accordance with the 2003 International Residential Code.

FINAL INSPECTION: The following shall be completed prior to a final Inspection:

1. Registers and grilles in place.
2. Thermostat set and operational.
3. All Outdoor equipment set and operational.

*******Any conditions preventing inspection completion will result in a incomplete/disapproved inspection and a \$40 re-inspection fee!!!**

*******HVACR Master is to have copy of HVACR permit on job site located in a visible location.**

Talbot County Permits and Inspections performs all HVAC inspections in the unincorporated area of Talbot County

Exceptions (incorporated towns):

Easton MDIA 410-822-8300

Trappe, Oxford, St. Michaels and Queen Anne have no inspections at this time

Talbot County Department of Permits and Inspections performs all HVAC inspections in the unincorporated area of Talbot County. This does not include the towns of: Easton, St. Michaels, Trappe, Oxford and Queen Anne. Check with your local building department for inspection information.