



MANATEE COUNTY FLORIDA

PERMITS ISSUED AFTER 3/1/09 ON CONDENSER CHANGE OUTS WILL REQUIRE 1 OF 4 METHODS OF COMPATIBILITY ON JOB SITE AND AVAILABLE TO OUR INSPECTORS.

PLEASE SEE N1100.0.2

N1100.0.2 Building systems. Thermal efficiency standards are set for the following building systems where new products are installed or replaced in existing buildings, and for which a permit must be obtained. Such systems shall meet the minimum efficiencies allowed for that system on Form 1100B ~~N1100C~~ for residential buildings.

1. Heating, ventilating or air conditioning systems;
2. Service water or pool heating systems;

Exceptions:

1. Where part of a functional unit is repaired or replaced. For example, replacement of an entire HVAC system is not required because a new compressor or other part does not meet code when installed with an older system. If the unit being replaced is itself a functional unit, such as a condenser, it does not constitute a repair. Outdoor and indoor units that are not designed to be operated together must meet the U.S. Department of Energy certification requirements contained in Section N1107.AB.3.1.1 [13-607.AB.3.1.1]. Matched systems are required, this match may be verified by any one of the following means:

- 1) ARI (AHRI) data
- 2) Accredited laboratory (example ARL labs)
- 3) Manufacturer's letter
- 4) Letter from registered P.E. State of Florida

2. Where existing components are utilized with a replacement system, such as air distribution system ducts, such components or controls need not meet code if meeting code would require that component's replacement.
3. Replacement equipment that would require extensive revisions to other systems, equipment or elements of a building where such replacement is a like-for-like replacement, such as through-the-wall condensing units and PTACs, in confined spaces.
4. HVAC equipment sizing calculations are not required for systems installed in existing buildings not meeting the definition of renovation in Section N1100.7.3.