

# HVAC MATCHING EQUIPMENT CERTIFICATION

## CITY OF LAKE MARY

This form shall be part of all mechanical permit applications for unit replacement. Permits will not be processed without supporting documents.

Section 553.912, Florida Statutes, has been revised to read the following, and is effective July 1, 2010.

**553.912 Air Conditioners.**- All air conditioners that are sold or installed in the state....It is the intent of the legislature that all replacement air-conditioning systems be installed using energy-saving, quality installation procedures, including, but not limited to equipment sizing analysis and duct inspection.

### Installing both the Air Handler and Condenser

Provide equipment sizing analysis with permit application.

Provide certification of visual duct inspection at final inspection.

If you are replacing a condenser or air handler, but not both, the Florida Building Commission, in Declaratory Statement #DCA07-DEC-172, concluded the following:

**Section 13-607.AB.3.1.1, Florida Building Code, Building Volume (2007 as amended)** requires verification of equipment efficiency to demonstrate compliance with U.S. D.O.E. certification requirements. Outdoor and indoor units that are not designed to be operated together must still meet the D.O.E. standard. If the system does not meet the standard, it is considered to be "mismatched" and does not meet code. The code expressly authorizes "mix-matched" use of components which may be used to replace an exterior compressor and indoor air handler purchased from different manufacturers where they are designed to work together.

### Installing either the Air Handler or Condenser (provide documentation)

The replacement unit you are installing is certified for capacity and efficiency by (check one):

ARI Rating

ARL or other recognized testing laboratory

Mechanical Engineer, Florida registration number: \_\_\_\_\_

Manufacturer's letter

Per Section 302.4 of the Florida Mechanical Code, alterations resulting in the addition of loads shall not be permitted without verification that the truss is capable of supporting such additional load.

(If the unit is mounted on the roof of a structure or in the truss system):

Provide manufacturers detail showing size for size change out

Provide approval of additional loading from a Registered Design Professional (if not size for size)

License Holder (print name) \_\_\_\_\_ License # \_\_\_\_\_

License Holder (signature) \_\_\_\_\_ Date \_\_\_\_\_