

## HVAC MATCHING EQUIPMENT CERTIFICATION

Astatula, Clermont, Eustis, Fruitland Park, Howey in the Hills, Groveland, Lady Lake, Lake County, Leesburg, Mascotte, Minneola, Montverde, Mount Dora, Tavares, Umatilla

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

The 2010 Florida Energy Conservation Code requires "At the time of the total replacement of HVAC evaporators and condensing unit, all accessible (a minimum of 30 inches clearance) joints and seams in the air distribution system shall be inspected and sealed where needed using reinforced mastic or code approved equivalent and shall include a signed certification by the contractor that is attached to the air handler unit stipulating that this work has been accomplished.

**Exceptions:**

1. Ducts in conditioned space.
2. Joints or seams that are already sealed with fabric and mastic.
3. If system is tested and repaired as necessary.

**101.4.7.1.2 Replacement equipment sizing (mandatory).** An A/C contractor or licensed Florida PE shall submit a nationally recognized method based sizing calculation to the code official at the time of permit application for total replacement of the condensing and evaporator components of HVAC systems in accordance with Florida law and the provisions of Section 403.6.1 or Section 503.2.1, as applicable.

**Installing both the Air Handler and Condenser**

**Provide equipment sizing analysis with permit application.**

**Provide certification of duct inspection and sealing at final inspection.**

The 2010 Florida Energy Conservation Code requires 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 403.6.2.1.1. Matched systems are required; this match may be verified by any one of the following means:

**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**

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

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

**FLORIDA ENERGY CONSERVATION CODE**  
**Mandatory Duct Inspection Certification for HVAC change-out**

For use when part of the duct and/or HVAC system has been replaced (Section 101.4.7.1.1 & FS 553.912)

**TWO COPIES TO BE ATTACHED TO AIR HANDLER FOR FINAL INSPECTION**

Owner: _____	Contractor name: _____
Street address: _____	Jurisdiction: _____
City: _____	Permit No.: _____
Zip: _____	Final inspection date: _____

I certify that I have inspected the duct work associated with the HVAC unit referenced by the permit listed above and found it complies with the requirements of Section 101.4.7.1.1 as indicated below:

- Where needed, the existing ducts have been sealed using reinforced mastic or code-approved equivalent.
- Ducts are located within conditioned space. (Section 101.4.7.1.1 exception 1)
- The joints or seams are already sealed with fabric and mastic (Section 101.4.7.1.1 exception 2)
- System was tested (see below) and repairs were made as necessary – (Section 101.4.7.1.1 exception 3)

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Contractor License #: \_\_\_\_\_

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I certified I have tested the replaced air distribution system(s) referenced by the permit listed above at a pressure differential of 25 Pascals (0.10 in. w.c.).

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_