



Office of Building Services

Mechanical System Change Outs

315 West Main St., Tavares, FL 32778 · PO Box 7800
Phone (352)343-9653 · Website www.lakecountyfl.gov

Permit: _____ Date _____

Job Address: _____

Detailed scope of work: _____

Structure Type Single-Family Residence Other _____

Energy Source Gas Electric Solar Other _____

Note: Electrical work other than unit to disconnect will require a Licensed Electrical Contractor. The breaker and electrical wire size shall be determined in accordance with the National Electrical Code 2017 (NFPA 70)

Duct System Relocate/Replacement only – no square footage increase
(no additional information is required)

Full System Change Out

Condenser and air handler/furnace
 Single-package unit

System Size

Unit size(s) remains the same
 Change in unit size(s)

Additions

New mini-split system
 New additional system
 Using existing system, sq. ft

Required information for all work

Partial System Change Page 2 must also be filled-out only on Partial system change outs but must be signed.

Condenser Information

Manufacturer _____ Model # _____

Voltage/Phase _____ MCA _____ MOD _____ HSPF _____ IEER/SEER _____

Air Handler/Packaged/Gas Furnace System

Manufacturer _____ Model # _____

Wire size required _____ Existing or Upgraded

Voltage/Phase _____ MCA _____ MOD _____ AFUE % _____

Heat strip size (kw) _____ Wire size required _____ Existing or Upgraded

Gas Furnace output in (BTU's) _____ Heat pump or Straight cool

Additional information _____

Note: If gas heat, pipe size and shut-off valves shall be to current requirements: Existing or Upgraded

Legend

HSPF Heating Seasonal Performance Factor

MCA Minimum Circuitry Ampacity
(per manufacturer specification)

MOD Maximum Overload Protection Device
(per manufacturer specification)

IEER Integrated Energy Efficiency Ratio

SEER Seasonal Energy Efficiency Ratio

AFUE% Annual Fuel Utilization Efficiency
(Gas Furnace per manufacturer specification)

Partial Mechanical System Change Outs

This page is only required for partial systems change outs in addition to the required first page.

Florida Statutes, Section 553.912, Air Conditioners. 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.

Per FBC-EC C501.7 and R501.7 exceptions, outdoor and indoor units that are not designed to operate together must meet U. S. Department of Energy Certification requirements contained in section R303.1.2. Matched systems are required and must be verified by one of the following means: AHRI data, accredited labs, manufacture's letter, letter from a Florida Registered Professional Engineer.

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
- Professional Engineer, Florida registration number
- Manufacturer's letter

Please complete HVAC Matching Equipment Certification and provide all the required support data proving this is a matched system. This information must be provided with the permit application. Note a copy of all information submitted must be on site for a final inspection. Missing forms or information will result in a failed inspection. This form is a required part of all mechanical permit applications for system replacement, addition or repair. Permits may not be processed without all supporting documents.

Note: This completed form is required on site at time of inspection. The form will be taken to office for record keeping after inspection. The A/C System shall comply with the FBC Energy Conservation Code (2020) 7th Edition Section C403 and Section R403.

Prepared by (Print Name) _____ License # _____

License Holder's Signature _____ Date _____