Virtual Inspection of A/C Change-outs

Until now final inspections for A/C Change-outs have been conducted in person. Scheduling a time when an owner can be present to allow access for an inspection can be inconvenient for the homeowner. Given the circumstances and direction being suggested amid the current Covid-19 virus, we have modified our procedures to limit personal interactions. Thus, the City will provide virtual inspections of A/C change-outs, reducing the risk of personal contact between residents and inspectors, and providing convenience for property owners.

Attached is a four page Inspection Checklist/Affidavit titled “Final Inspection for A/C Change-outs” that contractors will complete and submit with photos of the installation. Here is how it will work:

1. The contractor will pull the necessary permits.

2. After the installation is complete, the contractor will take photos that show each of the items listed on the checklist. Some photos show more than 1 of the items in the checklist.

3. Depending on the location of the air handler, the contractor will fill out the appropriate section of the checklist, and then fill out the affidavit and have it notarized.

4. The contractor will then send the photos and the affidavit to the City of Ocala where a building inspector will review them and enter the appropriate results.
   (affidavitinspections@Ocalafl.org)
Final Inspection for A/C Change-outs

Permit #__________________ Address:__________________________

(This part of the inspection is performed inside)
If Air Handler is located on a floor in living space

_____ Accessible location for Air Handler – FBCM 306.2, FBCRM 1305.1.2
_____ Duct penetration through the ceiling is sealed properly – FBCEC-C 403.2.9.3.2, FBCEC-R 403.3.2
_____ Refrigeration lines are insulated – FBCM 1107, FBCRM 1301.3, FBCREC R-403.4
_____ Condensation lines have an accessible cleanout – FBCM 307.2.5, FBCRM 1411.3.3
_____ Proper Air Handler platform – FBCM 306.3, FBCRM 1305.1
_____ Has a disconnect in location or within sight – NEC 110.26 or a lockout – FBCR Table 4101.5
_____ Check manufacturer’s required Amp rating of breakers – Per manufacturer (see label on unit)
_____ Has a new thermostat – FBCEC 403.1 & 403.2 Unless exempt under R101.4.2

_____ 503.7 Protection against decay and termites. Condensate lines and roof downspouts shall discharge at least 1 foot (305 mm) away from the structure sidewall, whether by underground piping, tail extensions, or splash blocks. Gutters with downspouts are required on all buildings with eaves of less than 6 inches (152 mm) horizontal projection except for gable end rakes or on a roof above another roof.

_____ 1522.3.5 Condensate lines shall not drain on the roofing system or any of its components. Condensate lines need not comply with the minimum clearance requirements.

If Air Handler is in the attic

_____ Has platform for servicing Air Handler – FBCM 306.3, FBCRM 1035.1.3
_____ Has primary and secondary drain lines – FBCM 307.2.3, FBCRM 1411.1.3
_____ Has required 2nd drain pan with float switch – FBCM 307.2.3(4), FBCRM 1411.1.3(4)
_____ Refrigeration lines are insulated – FBCM 1107, FBCRM 1301.3, FBCREC R-403.4
_____ Condensation lines have an accessible cleanout – FBCM 307.2.5, FBCRM 1411.3.3
_____ Has a disconnect in location or within sight – NEC 110.26 or a lockout – FBCR Table 4101.5
_____ Check manufacturer’s required Amp rating of breakers – Per manufacturer (see label on unit)
_____ Has a new thermostat – FBCEC 403.1 & 403.2 Unless exempt under R101.4.2
Condenser Unit

- Condenser Unit has adequate space from structure for ventilation
- Condenser Unit is adequately secured to a pad and elevated 3” above grade – FBCM 301.1.5, FBCRM 1307.2
- Refrigeration lines are insulated – FBCM 1107, FBCRM 1301.3, FBCREC R-403.4
- Insulated lines are protected with UV protective coating – FBCEC C-403.2.9.1.2, FBCEC R-403.4.1
- Holes in wall where refrigeration lines penetrate are sealed tight – FBCM 301.17
- Has a disconnect in location or within sight – NEC 110.26 or a lockout - FBCR Table 4101.5
- Has locking access port caps installed – FBCRM R-1411.8
- Check manufacturer’s required Amp rating of breakers – Per manufacturer (see label on unit)
- Check to see if breaker sizes in Electric Panel meet the manufacturer’s requirements

FBCM – Florida Building Code – Mechanical
FBCRM – Florida Building Code – Residential Code – Mechanical
NEC – National Electric Code

Inspector’s Initials:_____________   Inspector’s ID:_____________   Date:_____________
LICENSED AIR CONDITIONING OR MECHANICAL CONTRACTOR AFFIDAVIT FOR A/C CHANGEOUT INSTALLATIONS

Re: Permit No. ____________________________
From:______________________________________(Contractor)
_____________________________________________(Contractor’s Address)
__________________________________________________________(Owner/s Name)
__________________________________________________________(Property Address)

CERTIFICATION: (Please check all that apply)

___ Certification of Air Handler (CU) Changeout.
___ Certification of Condenser Unit (CU) Changeout.
___ Other ____________________________

I, ____________________________, am certified as an air conditioning or mechanical contractor (License No. ____________) and do hereby certify that all installation work (as indicated above) has been performed at the above address in accordance with the Florida Building Code, as amended, and Manufacturer’s Specifications. I understand that the Building Official reserves the right to provide inspections connected to this permit if deemed necessary. I have notified the owner of the property of this affidavit.

__________________________________________  ________________
Signature of Qualifier                        Date

STATE OF FLORIDA, COUNTY OF _______________
The foregoing instrument was acknowledged before me this __________ (date) by
__________________________________________, who is personally known to me or who has produced
__________________________________________ (type of identification) as identification and who did
(did not) take an oath. (SEAL)

__________________________________________, Notary Public

AHU serial number _____________________________

CU serial number _____________________________

*Contractor must provide photo documentation indicating the following (See also attached checklist):
1. AHU data plate(s) including model number, serial number, and electrical data.
2. AHU front view showing piping and float switches and disconnect.
3. AHU duct connections (all sides).
4. CU data plate.
5. CU showing tie-downs, protected insulation and locking refrigerant caps.
6. CU area view showing location of disconnect.
7. Electrical panel and all disconnects number with appropriate circuit breakers clearly labeled.
8. AHU and CU units numbered for projects with multiple systems.
9. All Gas regulators are vented as required from equipment. 3’ for Natural gas and 5’ for L.P gas. NFPA 54, 58