VOLUNTARY RESIDENTIAL A/C REPLACEMENT INSPECTION CHECKLIST

FBC Residential Code Section	FBC Mechanical Code Section	Description
		Administrative
105.7		Permit and Approved Plans Onsite
104.28, 110.1		Access Provided (Right of Entry)
105.3.0.4, 105.6.2		Change of Plans Needed
110.1.6		Permit holder must provide any needed tools, labor, coordination, etc.
	301.10	**Electrical**
NFPA-70-2020 (NEC)	110.3 & 110.3(b)	Electrical equipment to be listed & installed per listing
NFPA-70-2020 (NEC)	110.8	Wiring Methods
NFPA-70-2020 (NEC)	110.12	Elect. Equip. shall be installed in a professional and skillful manner.
NFPA-70-2020 (NEC)	110.12(a)	Unused openings on elect. boxes & equip. shall be plugged
NFPA-70-2020 (NEC)		
NFPA-70-2020 (NEC)		
NFPA-70-2020 (NEC)		
NFPA-70-2020 (NEC)		
NFPA-70-2020 (NEC) 110.26(a)(1)		36" clear space in front of all electrical and service panels
NFPA-70-2020 (NEC) 424.19		A/H Disconnect
NFPA-70-2020 (NEC) 220.20(a)		AHU/PACU Heater MOCP = Breaker/Fuse in Panel
NFPA-70-2020 (NEC) 440.14.14 Ex-1		PACU or C/U disconnect
M1303.1	301.9	Heater KW
M1302.1	301.8	Heater Labeled
NFPA-70-2020 (NEC) 440.22		HPU MOCP=breaker/fuse in panel
NFPA-70-2020 (NEC) 110.7		No loose, damaged, or unsecured wires
		Mechanical
M1305.1	306.2	AHU Access
M1305.1.3, 1305.1.3.1	306.3, 306.5.2	AHU in attic, access, service outlet, light, and platform
M1307.2	304.1	AHU Support
M1308.1	302.4, FBC-B 2303.4.5	Alteration to Trusses
M1307.1	301.15	Anchoring of CU, PACU
M1411.4	307.3	Condensate Pump
M1401.1, M1401.2	304.1	Condenser coil clearance per manufacturer's requirements
M1601.4.1	603.9	Connection and sealing of ducts to the unit
	304.12	CU & PACU identification
M1307.6	307.2	Drain Line Connected
M1411.3.2	307.2.2	Drain Minimum Size-3/4"
M1302.1	301.7	Equipment Listed & Labeled
	306.5	Equipment on the roof is more than 16' high
M1307.3.1, 1308.2	303.4, 304.7	Equipment protection from damage
M1305.1, 1401.2	306.1	Filter Access
	605.1	Filter Required
M1411.3, 1411.3.1	307.2.3	Float switch installed or integral to the unit
M1401.5, R322.1.6	301.16, 1612	Flood Prevention
M1303.1	301.9	Info on Equipment Label
M1401.1	303.1	Installation Per the Manufacturer's Instructions
M1401.4	603.16	PACU Outdoor Ductwork Protection from Elements
	305.2	Pipe hanger material

	301.11	**Plumbing**
M1411.3.3	307.2.5	Provide a Connection for Drain Line Maintenance
M1307.6, Chapter 32	307.2.4	P-Trap Installed Correctly
M1411.6	1107.4	Refrigerant Pipes Insulation MIN. R-3 And UV Protection
	1107.2.2	Refrigerant Pipes Penetration
	305.4	Refrigerant Pipes Supports
M1411.8	1101.10	Refrigerant Ports Locking Caps

FBC-R N1101.1	FBC-M 301.2	**Energy**
FBC – Energy Conservation Sections		
R503.2	C503.2	Change in Conditioned Space Size
R403.3.2	C403.2.9.3	Connection And Sealing of Ducts to the Unit
R303.1	C303.1	Visible Energy Label on Unit(s)
R303.1.2	C403.2.3	Verify Equipment Efficiency Rating
R501.7	C501.7	Match AHRI Rating Models # With Installed Unit(s) Models #
R403.4	C403.2.10	Refrigerant Pipes Insulation MIN. R-3 and UV Protection
R403.6	C403.2.4.3	Dampers In the Outdoor Air Intake if Outside Air is Provided

	Notes	
	AHU	Air Handler Unit
	CU	Condenser Unit
	HPU	Heat Pump Unit
	PACU	Package unit