



# Town of Highland Beach

Building Department • 3616 South Ocean Blvd., Highland Beach, Florida 33487  
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## AIR CONDITIONING REPLACEMENT DATA

Application Number \_\_\_\_\_

Job Address: \_\_\_\_\_ Unit \_\_\_\_\_

### FILL IN APPLICABLE INFORMATION

<u>Data</u>	<u>Existing Unit (1)</u>			<u>New Unit</u>		
Manufacturer						
SEER (2) / EER (3)						
Nominal Tons						
Package/Heat Pump Model #						
Condensing Unit Model #						
AHU Model #						
KW Strip Heat						
Minimum Circuit Ampacity	c/u		ahu/pk g		c/u	
Maximum Overcurrent Protection	c/u		ahu/pk g		c/u	

- (1) Provide equipment sizing calculations if existing unit data is not available (ACCA Manual N, J, etc.)
- (2) Provide AHRI Certificate

Will a stand, curb adapter be installed?	Yes		No	
Duct smoke detector installed or reconnected? <b>FMC606.2.1</b>	Yes		No	
Is the duct s/d connected to a Fire Alarm Panel?	Yes		No	
Will the A/C location be the same?	Yes		No	
New Electrical Disconnect?	Yes		No	

### \*\*\*COMPLIANCE WITH FBC MECHANICAL 602.2.1 MANDATORY\*\*\*

#### Please include the following:

- Copy of AHRI and other support documents. S.E.E.R.2 \_\_\_\_\_
- For Condenser or A.H.U. replacement only (partial system): provide manufacturer support
- Documentation, or FL P/E. verification, as per 2023 FL Energy Conservation Code (403.5.3)
- Provide engineered attachments details FMC 301.15 or Product Approval
- Provide plan if replacing duct work – Additional Review Required

Contractor Signature \_\_\_\_\_ Date \_\_\_\_\_

Company Name \_\_\_\_\_ Contractor License \_\_\_\_\_

Building Department will enforce the following electrical/mechanical code requirements for the replacement of existing air conditioning and heating equipment:

- 1. ALL PLENUM SPACES ARE REQUIRED TO COMPLY WITH FMC 602.2.1**
2. The condensing unit disconnect means shall in no case located further than six (6) feet from the service side of the unit in line of site.
3. Condensing unit electrical disconnect means shall be one of the following types:
  - a. Non-fusible – overcurrent protection supplied at the main breaker panel.\*
  - b. Fused – overcurrent protection supplied by proper size fuses per the unit identification plate.
  - c. Circuit Breaker – overcurrent protection supplied by the proper size breaker per the unit identification plate.\*
4. The disconnect means for a closet installed air handler shall be an internal component of the unit.
5. For attic installed air handlers, the electrical disconnect means shall be a non-fusible type. In no case shall a fused or circuit breaker type disconnect be installed in an attic.
6. Adequate working clearances shall be provided per the 2023 FL Building Code Mechanical.
7. Condensate drain lines and traps shall be installed as per the 2023 FL Building Code Mechanical, and as per manufacturer's recommendations.
8. Air handling units shall be equipped with auxiliary drain pans, float and/or secondary drain lines as per the FL Building Code Mechanical.
9. A final inspection is required for all equipment replacement.

## **10. AN ELECTRICAL INSPECTION IS MANDATORY.**

\*ALL CIRCUIT BREAKERS PROVIDING OVERCURRENT PROTECTION FOR MECHANICAL EQUIPMENT SHALL BE H.A.C.R. TYPE PER THE UNIT IDENTIFICATION PLATE.

**Overcurrent Protection Must Match the Nominal Voltage of the Building** – I.E. 240/208/480