**7th Edition (2020) Florida Building Code - Energy Conservation**

**Commercial Provisions**

**Chapter 4 [CE] COMMERCIAL ENERGY EFFICIENCY**

Revise Table C403.2.3(1) to read as follows:

**TABLE C403.2.3(1)**

**MINIMUM EFFICIENCY REQUIREMENTS:**

**ELECTRICALLY OPERATED UNITARY AIR CONDITIONERS AND CONDENSING UNITSc**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **EQUIPMENT TYPE** | **SIZE CATEGORY** | **HEATING SECTION TYPE** | **SUBCATEGORY OR RATING CONDITION** | **MINIMUM EFFICIENCY** | **TEST PROCEDUREa** |
| Air conditioners, air cooled | < ~~6~~45,000 Btu/hb | All | Split System, single phaseb | 14.0 SEERbefore 1/1/202314.3 SEER2after 1/1/2023 | AHRI 210/240 – 2017before 1/1/2023AHRI 210/240 – 2023after 1/1/2023 |
| ≥ 45,000 Btu/hb and< 65,000 Btu/hb | 14.0 SEERbefore 1/1/202313.8 SEER2after 1/1/2023 |
| < 65,000 Btu/hb | Single Package, single phaseb | 14.0 SEERcbefore 1/1/202313.4 SEER2after 1/1/2023 |
| Through-the-wall (air cooled) | ~~~~ < 65~~30~~,000b | All | Split system, three phase and US applications single phaseb | 12.0 SEERbefore 1/1/202311.7 SEER2after 1/1/2023 |
| Single Package, three phase and US applications single phaseb | 12.0 SEERbefore 1/1/202311.7 SEER2after 1/1/2023 |
| Small-duct high-velocity (air cooled) | < 65,000 Btu/hb | All | Split system, single phaseb | 12.0 SEERbefore 1/1/202312.0 SEER2 after 1/1/2023 |
| Air conditioners, air cooled |  65,000 Btu/h and< 135,000 Btu/h | Electric Resistance (or None) | Split System and Single Package | 11.2 EER12.9 IEER  | AHRI 340/360 |
| All other | Split System and Single Package | 11.0 EER12.7 IEER |
|  135,000 Btu/h and< 240,000 Btu/h | Electric Resistance (or None) | Split System and Single Package | 11.0 EER12.4 IEER |
| All other | Split System and Single Package | 10.8 EER12.2 IEER |
|  240,000 Btu/h and< 760,000 Btu/h | Electric Resistance (or None) | Split System and Single Package | 10.0 EER11.6 IEER |
| All other | Split System and Single Package | 9.8 EER11.4 IEER |
|  760,000 Btu/h | Electric Resistance (or None) | Split System and Single Package | 9.7 EER11.2 IEER |
| All other | Split System and Single Package | 9.5 EER11.0 IEER |

*(continued)*

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**COMMERCIAL ENERGY EFFICIENCY**

**TABLE C403.2.3(1)—continued MINIMUM EFFICIENCY REQUIREMENTS:**

**ELECTRICALLY OPERATED UNITARY AIR CONDITIONERS AND CONDENSING UNITSc**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **EQUIPMENT TYPE** | **SIZE CATEGORY** | **HEATING SECTION TYPE** | **SUB-CATEGORY OR RATING CONDITION** | **MINIMUM EFFICIENCY** | **TEST PROCEDUREa** |
|  | < 65,000 Btu/hb | All | Split System and | 12.1 EER | AHRI |
|  | Single Package | 12.3 IEER | 210/240 |
| Air conditioners, water cooled |  65,000 Btu/h and< 135,000 Btu/h | Electric Resistance (or None) | Split System and Single Package | 12.1 EER13.9 IEER | AHRI 340/360 |
| All other | Split System and Single Package | 11.9 EER13.7 IEER |
|  135,000 Btu/h and< 240,000 Btu/h | Electric Resistance (or None) | Split System and Single Package | 12.5 EER13.9 IEER |
| All other | Split System and Single Package | 12.3 EER13.7 IEER |
|  240,000 Btu/h and< 760,000 Btu/h | Electric Resistance (or None) | Split System and Single Package | 12.4 EER13.6 IEER |
| All other | Split System and Single Package | 12.2 EER13.4 IEER |
|  | Electric Resistance | Split System and | 12.2 EER |
|  760,000 Btu/h | (or None) | Single Package | 13.5 IEER |
| All other | Split System and | 12.0 EER |
|  | Single Package | 13.3 IEER |
| Air conditioners, evaporatively cooled | < 65,000 Btu/hb | All | Split System and | 12.1 EER | AHRI |
| Single Package | 12.3 IEER | 210/240 |
|  65,000 Btu/h and< 135,000 Btu/h | Electric Resistance (or None) | Split System and Single Package | 12.1 EER12.3 IEER | AHRI 340/360 |
| All other | Split System and Single Package | 11.9 EER12.1 IEER |
|  135,000 Btu/h and< 240,000 Btu/h | Electric Resistance (or None) | Split System and Single Package | 12.0 EER12.2 IEER |
| All other | Split System and Single Package | 11.8 EER12.0 IEER |
|  240,000 Btu/h and< 760,000 Btu/h | Electric Resistance (or None) | Split System and Single Package | 11.9 EER12.1 IEER |
| All other | Split System and Single Package | 11.7 EER11.9 IEER |
|  | Electric Resistance | Split System and | 11.7 EER |
|  760,000 Btu/h | (or None) | Single Package | 11.9 IEER |
| All other | Split System and | 11.5 EER |
|  | Single Package | 11.7 IEER |
| Condensing units,air cooled |  135,000 Btu/h |  |  | 10.5 EER | AHRI 340/360 |
| 11.8 IEER |
| Condensing units,water cooled |  135,000 Btu/h |  |  | 13.5 EER |
| 14.0 IEER |
| Condensing units,evaporatively cooled |  135,000 Btu/h |  |  | 13.5 EER |
| 14.0 IEER |

For SI: 1 British thermal unit per hour = 0.2931 W.

1. Chapter 6 contains a complete specification of the referenced standards, which include test procedure, including the reference year version of the test procedure.
2. Single-phase, US air-cooled air conditioners less than 65,000 Btu/h are regulated ~~by NAECA~~as consumer products by the US Department of Energy Code of Federal Regulations DOE 10 CFR 430. SEER and SEER2 values for single-phase products are set by the US Department of Energy~~SEER values are those set by NAECA.~~
3. DOE 10 CFR 430 Subpart B Appendix M1 includes the test procedure updates effective 1/1/2023 that will be incorporated in AHRI 210/240 – 2023.

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