**From:** Muthusamy Swami [mailto:Muthusamy.Swami@ucf.edu]
**Sent:** Thursday, August 18, 2022 9:05 AM
**To:** Madani, Mo
**Cc:** robin; Jody Cummings
**Subject:** EnergygaugeSummit 7.50 software for approval

Dear Mo:

FSEC is pleased to submit EnergygaugeSummit 7.50 software for approval by the Florida Building Commission. This version of the software incorporates the changes in the 2022 Supplement to the 7th Edition (2020) Florida Building Code related to commercial buildings.

**Highlights of the changes are:**

1. Provides the calculation option to run the 2022-Supplement Compliance.
2. Incorporates the updated minimum efficiencies and units for the categories shown in the table below.
3. Provides users the choice of entering the units (EER, SEER, SEER2) for cooling efficiency and Heating efficiency (HSPF, HSPF2, COP) for heat pumps
4. Unit entry other than SEER2 for Split System under 65,000 Btu/h flags an error forcing the user to enter the correct units. Similarly, units are checked for single-package equipment as well.

The filing version of the software may be downloaded from the link below:

<https://energygauge.com/downloads/setups/summitfiling750.exe>

**MINIMUM EFFICIENCY REQUIREMENTS:**

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **EQUIPMENT TYPE** | **SIZE CATEGORY** | **HEATING SECTION TYPE** | **SUBCATEGORY OR RATING CONDITION** | **MINIMUM EFFICIENCY** |
| Air conditioners, air cooled | < 45,000 Btu/h | All | Split System, single phase | 14.3 SEER2 |
| ≥ 45,000 Btu/h and< 65,000 Btu/h | 13.8 SEER2 |
| < 65,000 Btu/h | Single Package,  single phase | 14.0 SEER |

We’ll be happy to demonstrate the changes at a zoom meeting if you so desire.

Thank you

Muthusamy Swami