



FRIEDRICH

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PRODUCT BULLETIN

Commercial Product Management

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DOCUMENT NUMBER: 006-023-RAC

BULLETIN TYPE: Regulation Update

PRODUCTS AFFECTED: All Room Air Conditioners (RAC)

SUBJECT: RAC Regulation: Energy Star

AUTHOR: Product Management

The US Environmental Protection Agency EPA Has Finalized New Energy Star Requirements for Room Air (RAC)

- Feb 28th, EPA issued the [Final ENERGY STAR Version 5.0 RAC specification](#) . (EnergyStar.gov)
- All Room Air Conditioners (RAC) with existing ESTAR (version 4.2) certifications will remain valid until October 30, 2023.
- RACs manufactured as of **October 30, 2023**, must meet Version 5.0 requirements to bear the ENERGY STAR mark.
- ESTAR will not list 4.2 ESTAR models on their website after Nov. 1, 2023.
- DOE and EPA are permitting sales of existing Energy Star product manufactured or imported into the United States by October 30, 2023. These units are permitted to utilize the Energy Star logo on packaging until this inventory is depleted.
- Friedrich model numbers will not be updated and not all current ESTAR products will qualify under the new 5.0 standard.
- Some models from the Kuhl, WallMaster, Chill, and Uni-Fit families will be impacted. We advise purchasers to reference www.Friedrich.com to verify Energy Star compliance on products manufactured after October 30, 2023.
- Energy Star rebates will be affected. Please validate all rebate opportunities after October 30th .

Product Class	Description	E-Star 4.0 Standard	Version 5.0 Standard
1	No reverse cycle, louvered sides, and < 6,000 Btu/h	12.1	13.1
2	No reverse cycle, louvered sides, and 6,000 to 7,999 Btu/h	12.1	13.7
3	No reverse cycle, louvered sides, and 8,000 to 13,999 Btu/h	12.0	14.7
4	No reverse cycle, louvered sides, and 14,000 to 19,999 Btu/h	11.8	14.4
5a	No reverse cycle, louvered sides, and 20,000 to 27,999 Btu/h	10.3	12.7
5b	No reverse cycle, louvered sides, and >= 28,000 Btu/h	9.9	12.2
6	No reverse cycle, No louvered sides, and < 6,000 Btu/h	11.0	12.8
7	No reverse cycle, No louvered sides, and 6,000 to 7,999 Btu/h	11.0	12.8
8a	No reverse cycle, No louvered sides, and 8,000 to 10,999 Btu/h	10.6	13
8b	No reverse cycle, No louvered sides, and 11,000 to 13,999 Btu/h	10.5	12.8
9	No reverse cycle, No louvered sides, and 14,000 to 19,999 Btu/h	10.2	12.6
10	No reverse cycle, No louvered sides, and >= 20,000 Btu/h	10.3	12.7
11	Reverse cycle, louvered sides, and < 20,000 Btu/h	10.8	13.2
12	Reverse cycle, No louvered sides, and <14,000 Btu/h	10.2	12.6
13	Reverse cycle, louvered sides, and >= 20,000 Btu/h	10.2	12.6
14	Reverse cycle, No louvered sides, and >= 14,000 Btu/h	9.6	11.7