



# ऊर्जा दक्षता ब्यूरो

(भारत सरकार, विद्युत मंत्रालय)

## BUREAU OF ENERGY EFFICIENCY

(Government of India, Ministry of Power)

### FAQ's regarding default setting of 24 degree in air conditioners

1. Does the default setting at 24 degree apply for all types of air conditioners?

Ans. The default setting for air conditioners at 24 degree celsius is applicable for all types of air conditioners which are manufactured or imported from 1<sup>st</sup> January 2020 onwards and covered under the mandatory BEE star labelling program as per the S.O. 2527(E) and S.O. 2528(E) dated 8<sup>th</sup> August 2017.

2. Does the existing stock for ACs have to be programmed at default setting of 24 degree celsius ?

Ans. No.

3. According to BEE, should the AC always start at 24 degree irrespective of type of remote, setting of AC etc?

Ans. Whenever the AC is switched on by the remote (wired or wireless), the AC must turn on at 24 degree Celsius, irrespective of any setting of AC, prior to being turned on.

4. If a user is using the AC at a particular temperature, and in case of power interruption, at what temperature the AC may start at?

Ans. In case of power interruptions, the AC may start at the last set temperature by the user, to avoid any discomfort to the user.

5. Can we program AC such that, if the AC is operating at a temperature greater than 24 degree, and after some time it is switched off and then again switched on via remote, then AC will turn on at the last set temperature by user (i.e. at a temperature greater than 24)?

Ans. Yes.

6. As per BEE, there is energy reduction of about 6 % per degree rise in the set temperature of air conditioner, so can we set the default setting of Air conditioner at a temperature greater than 24 degree celsius instead of 24 degree Celsius, with view of greater energy reduction?

Ans. No.

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7. For the models which will be renewed as well as the new models which will be imported from 1<sup>st</sup> January 2020 onwards, is any test report required to be submitted to substantiate the default setting of 24 degree?

Ans. For models which are renewed and new models which will be imported or manufactured from 1<sup>st</sup> January 2020 onwards, the manufacturer shall submit a confirmation document from NABL / ILAC/ APAC accredited lab validating that default setting of 24 degree Celsius is programmed in the particular AC model.

8. Is there any particular format for the above confirmation document from the NABL lab?

Ans. The confirmation document must specify that a default setting of 24 degree Celsius is verified for the tested AC model.

9. For renewal of a model, which documents are to be submitted?

Ans. For renewal of model, the manufacturer must submit the old approval letter, revised label and confirmation document from a NABL / ILAC / APAC accredited lab validating the default 24 degree temperature setting.

10. For the new models to be registered under BEE program, from 1<sup>st</sup> January 2020 onwards, is it mandatory to submit test reports of two units of the same model?

Ans. Yes, all manufacturers have to submit test reports of two samples for the registration process from a NABL / ILAC / APAC accredited lab along with the validation of 24 degree default setting.



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