



11 December 2020

(20-8939)

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Committee on Technical Barriers to Trade

Original: English

NOTIFICATION

The following notification is being circulated in accordance with Article 10.6

1. Notifying Member: <u>KINGDOM OF SAUDI ARABIA</u> If applicable, name of local government involved (Article 3.2 and 7.2):
2. Agency responsible: Saudi Standards, Metrology and Quality Organization (SASO) Name and address (including telephone and fax numbers, email and website addresses, if available) of agency or authority designated to handle comments regarding the notification shall be indicated if different from above: Saudi Standards, Metrology and Quality Organization (SASO) P. O .BOX : 3437 Riyadh 11471 Tel: +966(11) 4520000 Ext : (1378-1381-1383) Fax +966(11) 4520193, +966(11) 4520086 Email: enquiry@sas.gov.sa Website: http://www.sas.gov.sa
3. Notified under Article 2.9.2 [X], 2.10.1 [], 5.6.2 [], 5.7.1 [], other:
4. Products covered (HS or CCCN where applicable, otherwise national tariff heading. ICS numbers may be provided in addition, where applicable): Ventilators. Fans. Air-conditioners (ICS 23.120), Heat pumps (ICS 27.080)
5. Title, number of pages and language(s) of the notified document: Air Conditioners - Minimum Energy Performance, Labelling and Testing Requirements for Low Capacity Window Type and Single-Split (26 page(s), in English)
6. Description of content: This standard specifies the Minimum Energy Performance Standard (MEPS) and the energy labelling requirements for single-package of window type, single split-system non-ducted air conditioners using air-cooled condensers, single split-system ducted air-conditioners using air-cooled condensers, and heat pumps using air-cooled condensers or using electric resistance for residential, commercial and industrial sector as applicable in accordance with SASO standards. The standard applies to units designed to operate with the following voltages: <ul style="list-style-type: none">• AC single phase circuits of 220 V or 230 V,• DC single phase up to 400V,• Designed for dual voltage (including DC) up to 400V,• Voltage range including above values, and three phase circuits of 380 V or 400 V• At frequency of 60 Hz The standard covers units with capacities up to and including 65,000 Btu/h (19 kW). Note: For any additional requirements such as safety, please refer to SASO related standards.

<p>The following units are excluded from the scope of this standard:</p> <ol style="list-style-type: none"> 1. Units covered by SASO 2874: 2016 "Air Conditioners – Minimum Energy Performance Requirements and Testing Requirements" standard 2. Evaporative coolers 3. Mobile (windowless) and portable units with exhaust air duct 4. Individual assemblies not constituting a complete refrigeration system such as condensing units for separate use 5. Models that have been granted exemption by SASO due to specific design for applications such as air-conditioners that are not intended for human comfort
<p>7. Objective and rationale, including the nature of urgent problems where applicable: This document is update of SASO 2663:2018 "Energy Labelling and Minimum Energy Performance Requirements for Air-Conditioners".</p> <p>The standard was updated to:</p> <ol style="list-style-type: none"> 1. Introducing the Seasonal Energy Efficiency Ratio (SEER) metric. 2. Changing the rating metric from Energy Efficiency Ratio (EER) to Seasonal Energy Efficiency Ratio (SEER). 3. Changing the rating levels, applying SEER rating. 4. Introducing SEER calculation tool. 5. Requirement of an additional testing point to find SEER rating for partial load calculations. 6. Inclusion of Saudi Arabia's specific weather bin hours as a part of the calculation tool. <p>Consumer information, labelling; Harmonization</p>
<p>8. Relevant documents:</p> <ol style="list-style-type: none"> 1. SASO-2681:2013 / SASO GSO ISO 5151: Non-ducted air conditioners and heat pumps – Testing and rating for performance. 2. SASO-2682:2013 / SASO GSO ISO 13253: Ducted air-conditioners and air to air heat pumps – Testing and rating for performance. 3. SASO ISO 16358-1 Air-Cooled Air Conditioners and Air-To-Air Heat Pumps – Testing and Calculating Methods for Seasonal Performance Factors – Part 1: Cooling Seasonal Performance Factor. 4. ISO 16358-1:2013/Cor 1:2013 Air-Cooled Air Conditioners and Air-To-Air Heat Pumps – Testing and Calculating Methods for Seasonal Performance Factors – Part 1: Cooling Seasonal Performance Factor – Technical Corrigendum 1. 5. ISO 16358-1:2013/Amd 1:2019 Air-Cooled Air Conditioners and Air-To-Air Heat Pumps – Testing and Calculating Methods for Seasonal Performance Factors – Part 1: Cooling Seasonal Performance Factor – Amendment 1.
<p>9. Proposed date of adoption: 1 April 2021</p> <p>Proposed date of entry into force: 6 months from adoption: 01 October 2021</p>
<p>10. Final date for comments: 60 days from notification</p>

11. Texts available from: National enquiry point [] or address, telephone and fax numbers and email and website addresses, if available, of other body:

Saudi Arabia Standards Organization (SASO)
P.O. Box 3437
Riyadh
11471
+966(1)4520133; ext:1380; ext.1382; ext.1383
+966 (1) 4530035 (Fax)
ENQUIRYPOINT@saso.gov.sa
<http://www.saso.gov.sa>