

الهيئة السعودية للمواصفات والمقاييس والجودة
Saudi Standards, Metrology and Quality Org (SASO)

SASO 2884:2017/AMD4:2021

سخانات المياه – متطلبات أداء الطاقة والبطاقات
Water Heaters - Energy Performance Requirements and Labelling

ICS: 91.140.065

THIS DOCUMENT IS A DRAFT AMENDMENT TO SAUDI STANDARD CIRCULATED FOR COMMENT. IT IS, THEREFORE SUBJECT TO CHANGE AND MAY NOT BE REFERRED UNTIL APPROVED BY THE BOARD OF DIRECTORS.

مقدمة

قامت الهيئة السعودية للمواصفات والمقاييس والجودة باعتماد تعديل المواصفة القياسية رقم SASO2884:2017/AMD4:2021 "سخانات المياه - متطلبات أداء الطاقة والبطاقات" بعد استعراض المواصفات القياسية الدولية والأجنبية والمؤلفات المرجعية. وقد اعتمد هذا التعديل كملا للمواصفة القياسية رقم SASO2884:2017 "سخانات المياه - متطلبات أداء الطاقة والبطاقات"

Foreword

Saudi Standards, Metrology and Quality Organization (SASO) has approved the Amendment of Saudi Standard No. "SASO 2884:2017/AMD4:2021" "Water Heaters - Energy Performance Requirements and Labelling" based on relevant International and National Foreign Standards and references. This amendment has been approved as a complementary part of the Saudi Standard No. "SASO 2884:2017" "Water Heaters - Energy Performance Requirements and Labelling".

1. Scope

Delete this paragraph from “SASO 2884:2017/AMD3:2020”:

“It shall apply to water heaters that operate in AC single-phase circuits of rated 230V and three-phase circuits of 380 V or 400 V with a frequency of 60 Hz according to SASO GSO 1899.”

Refer to the original text in the standard “SASO 2884:2017”:

“It shall apply to water heaters that operate in AC single-phase circuits of 220V or 230V or designed for dual voltage or voltage range including these values, and three-phase circuits of 380 V or 400 V with a frequency of 60 Hz according to SASO GSO 1899.”

4.2 Determining the Minimum Performance

4.2.2. Declaration of the Load Profile

After paragraph c:

Add:

For storage water heaters with declared load profile M,L,XL,XXL,3XL and 4XL , the requirements of mixed water At 40 °C shall be as illustrated in table below

Declared load profile	M	L	XL	XXL	3XL	4XL
Mixed water at 40 °C	65 Liters	130 Liters	210 Liters	300 Liters	520 Liters	1040 Liters

Add new sub-clause

4.2.5 Test Voltage

The products shall be tested at 230V for single-phase, and shall be at 400V for three phase.

5.2 Design and Placement of the Label

Replace this paragraph:

“The label shall be printed as illustrated in Figure 1. It shall be fixed and non-removable on the packaging and another label shall be available inside the packaging to be posted on the product. It is the responsibility of the retailer to place the label on the most prominent part of the product to be easily visible to the consumer at the point of sale.

The energy efficiency classes shall be represented with a visible letter and color-coded bars as outlined in Table 3 and illustrated in Figure 1.

Figure 1 presents an example of the label designed for electric water heaters. Different labels are automatically generated by SASO application (see Clause 7) depending on the type of water heater or storage tank once the registration of the product has been completed.

The label must be 100 mm wide and 170 mm high.”

By:

“The label shall be printed as illustrated in Figure 1. For all types of Water heaters within the scope of this standard, the label shall be visible and fixed on the most prominent part the of the product. Also, another label shall be fixed and non-removable on the product packaging

The energy efficiency classes shall be represented with a visible letter and color-coded bars as outlined in Table 3 and illustrated in Figure 1.

Figure 1 presents an example of the label designed for electric water heaters. Different labels are automatically generated by SASO application (see Clause 7) depending on the type of water heater or storage tank once the registration of the product has been completed.

The label dimensions shall be 100 mm wide and 170 mm high. In case of instantaneous type, the label dimensions shall be 45 mm wide and 75 mm high”