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Aerospace series - ECO efficiency of catering equipment - Part 06: Espresso maker

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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English Version

Aerospace series - ECO efficiency of catering equipment - Part 06: Espresso maker

Série aérospatiale - Écoefficacité du matériel de restauration - Partie 06 : Machines à espresso

Luft- und Raumfahrt - ECO Effizienz von Cateringgeräten - Teil 06: Espressomaschinen

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 4855-06:2025) has been prepared by ASD-STAN.

After enquiries and votes carried out in accordance with the rules of this Association, this document has received the approval of the National Associations and the Official Services of the member countries of ASD-STAN, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2026, and conflicting national standards shall be withdrawn at the latest by April 2026.

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Introduction

High end lifestyle coffee products are increasingly becoming available onboard commercial aircraft. A variety of different designs of such equipment have been developed varying in weight, performance data as well as energy consumption. To meet the target to determine an energy efficiency index for aircraft espresso makers the purpose of this document is to standardize the test procedure and efficiency calculations for this equipment type.

1 Scope

This document specifies a test procedure to identify performance characteristics and a weight rating for espresso makers used on a commercial aircraft. Furthermore, it specifies the calculation procedure to determine an energy consumption index and a performance index. The effect of the espresso makers on espresso quality is not addressed in this document.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 4855-01:2025, *Aerospace series — ECO efficiency of catering equipment — Part 01: General conditions*