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Aerospace series - ECO efficiency of catering equipment - Part 05: Trash compactor

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

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EUROPEAN STANDARD

EN 4855-05

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English Version

**Aerospace series - ECO efficiency of catering equipment -
Part 05: Trash compactor**Série aérospatiale - Écoefficacité du matériel de
restauration - Partie 05 : Compacteurs de déchetsLuft- und Raumfahrt - ECO Effizienz von
Cateringgeräten - Teil 05: Müllpressen

This European Standard was approved by CEN on 18 August 2025.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

EN 4855-05:2025 (E)

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European foreword

This document (EN 4855-05:2025) 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of an identical text or by endorsement, at the latest by April 2026, and conflicting national standards shall be withdrawn at the latest by April 2026.

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EN 4855-05:2025 (E)**Introduction**

During aircraft operations, the trash compaction in the cabin is mandatory to maintain the catering on board. There exist different equipment types to compact the collected trash in order to reduce the space required for waste storage, differing in waste volume and compaction rate. To meet the target to determine an energy efficiency index for aircraft trash compactors 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 trash volume capacity rating of trash compactors used on a commercial aircraft. Furthermore, it specifies the calculation procedure to determine an energy consumption index and a performance index.

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*

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