



BSI Standards Publication

Aerospace series — ECO efficiency of catering equipment

Part 03: Chilling equipment

National foreword

This British Standard is the UK implementation of EN 4855-03:2025. It supersedes BS EN 4855-03:2020, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee ACE/1, International and European Aerospace Policy and Processes.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Published by BSI Standards Limited 2025

ISBN 978 0 539 31412 0

ICS 49.020

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 October 2025.

Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Aerospace series - ECO efficiency of catering equipment - Part 03: Chilling equipment

Série aérospatiale - Écoefficacité du matériel de
restauration - Partie 03 : Matériel réfrigérant

Luft- und Raumfahrt - ECO Effizienz von
Cateringgeräten - Teil 03: Kühlgeräte

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

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European foreword

This document (EN 4855-03:2025) 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of an identical text or by endorsement, at the latest by April 2026, and conflicting national standards shall be withdrawn at the latest by April 2026.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 4855-03:2020.

This document includes the following significant technical changes with respect to EN 4855-03:2020:

- removed “Only galley chilling equipment with a freeze function will be considered” from the scope;
- correction of the formula for the kerosene consumption due to the correction of the formula in EN 4855-01;
- removed “For this energy consumption index, only equipment with a freeze function will be considered.” from note in 3.2;
- added measurement of the storage volume to 5.1;
- clarified test medium in 5.6;
- rewritten operating conditions to allow for units without freeze mode in 5.8;
- reduced total amount of storage capacity filled by test medium in 6.1 from 100 % of storage volume to 30 % allowing for air to circulate between test media and provide for realistic load situation;
- swapped 6.2 and 6.3;
- clarified the specification of end of pull-down time in 6.3;
- specification of usable inner volume according to actual volume rather than number of media insertable in 7.2;
- reestablishment of reference values required due to procedure changes;
- updated values for scaled reference kerosene consumption in 7.2;
- updated values for reference inner equipment volume and reference pull-down time in 7.3.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.