



BSI Standards Publication

Air filters for general ventilation

Part 4: Conditioning method to determine the minimum fractional test efficiency

National foreword

This British Standard is the UK implementation of EN ISO 16890-4:2022. It is identical to ISO 16890-4:2022. It supersedes BS EN ISO 16890-4:2016, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee MCE/21, Filters for gases and liquids.

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

BSI, as a member of CEN, is obliged to publish EN ISO 16890-4:2022 as a British Standard. However, attention is drawn to the fact that during the development of this European Standard, the UK committee voted against its approval.

The UK committee submitted a negative vote due to the changes made between BS EN ISO 16890-4:2016 (Subclause 9.1) and BS EN ISO 16890-4:2022 (Subclause 9.3) regarding the criteria for conditioning (IPA vapour discharge) a second new test device (filter).

Contractual and legal considerations

This publication has been prepared in good faith, however no representation, warranty, assurance or undertaking (express or implied) is or will be made, and no responsibility or liability is or will be accepted by BSI in relation to the adequacy, accuracy, completeness or reasonableness of this publication. All and any such responsibility and liability is expressly disclaimed to the full extent permitted by the law.

This publication is provided as is, and is to be used at the recipient's own risk.

The recipient is advised to consider seeking professional guidance with respect to its use of this publication.

This publication is not intended to constitute a contract. Users are responsible for its correct application.

© The British Standards Institution 2022
Published by BSI Standards Limited 2022

ISBN 978 0 539 06852 8

ICS 91.140.30

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 October 2022.

Amendments/corrigenda issued since publication

Date	Text affected
------	---------------

EUROPEAN STANDARD

EN ISO 16890-4

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2022

ICS 91.140.30

Supersedes EN ISO 16890-4:2016

English Version

**Air filters for general ventilation - Part 4: Conditioning
method to determine the minimum fractional test
efficiency (ISO 16890-4:2022)**

Filtres à air de ventilation générale -
Partie 4: Méthode de conditionnement
afin de déterminer l'efficacité spectrale
minimum d'essai (ISO 16890-4:2022)

Luftfilter für die allgemeine Raumluftechnik
- Teil 4: Konditionierungsverfahren für die
Ermittlung des Fraktionsabscheidegradminimums
(ISO 16890-4:2022)

This European Standard was approved by CEN on 21 July 2022.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels