

DIN EN 1822-1



ICS 13.040.40

Supersedes
DIN EN 1822-1:2011-01

**High efficiency air filters (EPA, HEPA and ULPA) –
Part 1: Classification, performance testing, marking;
English version EN 1822-1:2019,
English translation of DIN EN 1822-1:2019-10**

Schwebstofffilter (EPA, HEPA und ULPA) –
Teil 1: Klassifikation, Leistungsprüfung, Kennzeichnung;
Englische Fassung EN 1822-1:2019,
Englische Übersetzung von DIN EN 1822-1:2019-10

Filtres à air à haute efficacité (EPA, HEPA et ULPA) –
Partie 1: Classification, essais de performance et marquage;
Version anglaise EN 1822-1:2019,
Traduction anglaise de DIN EN 1822-1:2019-10

Document comprises 24 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

National foreword

This document (EN 1822-1:2019) has been prepared by Technical Committee CEN/TC 195 “Air filters for general air cleaning”.

The responsible German body involved in its preparation was *DIN-Normenausschuss Maschinenbau* (DIN Standards Committee Mechanical Engineering), Working Committee NA 060-09-21 AA “Air filters” of Section “Air handling technology”. Representatives of manufacturers and users of air filters and air filter media, and of research and testing institutes contributed to this standard.

The European Standards referred to in Clause 2 and in the Bibliography of the EN have been published as the corresponding DIN EN or DIN EN ISO Standards with the same number.

Where the International Standards referred to are not also DIN ISO Standards with the same number, there are no national standards available, except for:

ISO 2859-1 DIN ISO 2959-1

Amendments

This standard differs from DIN EN 1822-1:2011-01 as follows:

- a) additional references to the existing standards EN ISO 29463-2, EN ISO 29463-3, EN ISO 29463-4 and EN ISO 29463-5 have been included;
- b) the use of a leakage of filter test with aerosol photometer (scan method) has been excluded;
- c) various editorial corrections have been made.

Previous editions

DIN 24184: 1974-10, 1990-12
DIN EN 1822-1: 1998-07, 2011-01

National Annex NA
(informative)

Bibliography

DIN ISO 2859-1, *Sampling procedures for inspection by attributes — Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection (ISO 2859-1)*

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