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Skorstenar – Tillbehör – Del 3: Dragregulatorer, automatiska och semiautomatiska ventiler för tilluft till varma rökkanaler – Krav och provningsmetoder

Chimneys – Accessories – Part 3: Draught regulators, standstill opening devices and combined secondary air devices – Requirements and test methods

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Denna standard ersätter SS-EN 16475-3:2016, utgåva 1.

The European Standard EN 16475-3:2016+A1:2018 has the status of a Swedish Standard. This document contains the official version of EN 16475-3:2016+A1:2018.

This standard supersedes the SS-EN 16475-3:2016, edition 1.

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EUROPEAN STANDARD

EN 16475-3:2016+A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2018

ICS 91.060.40

Supersedes EN 16475-3:2016

English Version

Chimneys - Accessories - Part 3: Draught regulators, standstill opening devices and combined secondary air devices - Requirements and test methods

Conduits de fumée - Accessoires - Partie 3: Régulateurs de tirage, dispositifs d'ouverture pour période d'arrêt et dispositifs combinés d'air secondaire - Exigences et méthodes d'essai

Abgasanlagen - Zubehörteile - Teil 3: Selbsttätig arbeitende, zwangsgesteuerte und kombinierte Nebenluftvorrichtungen - Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 27 November 2015 and includes Amendment 1 approved by CEN on 27 June 2018.

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COMITÉ EUROPÉEN DE NORMALISATION
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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN 16475-3:2016+A1:2018) has been prepared by Technical Committee CEN/TC 166 “Chimneys”, the secretariat of which is held by ASI.

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of an identical text or by endorsement, at the latest by June 2019, and conflicting national standards shall be withdrawn at the latest by June 2019.

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 includes Amendment 1 approved by CEN on 27 June 2018.

This document supersedes A1 EN 16475-3:2016 A1.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Regulation, see informative Annex ZA, which is an integral part of this document.

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Introduction

This standard forms a part of the series of standards for chimney accessories:

- *Part 1: Silencers*
- *Part 2: Chimney fans*
- *Part 3: Draught regulators, standstill opening devices and combined secondary air devices (this part)*
- *Part 4: Flue dampers*
- *Part 5: Explosion/implosion relief devices*
- *Part 6: Access components*
- *Part 7: Rain caps*

Independent draught regulators are for the purpose of reducing negative pressure that is too large in the chimney, which can result through the use of commercially available cross-section dimensions, despite being designed e.g. according to EN 13384-1:2015, *Calculation method for chimneys serving single appliance*. They serve to increase the flue gas speed and the ventilation of the chimney, for the purpose of drying out (see explanations).

Standstill opening devices interlocked with the combustion system are exclusively for the purpose of ventilating the chimney during standby.

1 Scope

This European Standard specifies the requirements and test methods for draught regulators, standstill opening devices and combined secondary air devices that are used as components, carrying flue gases, in order to limit the draught in chimneys and provide secondary air to the chimney.

Draught regulators, standstill opening devices and combined secondary air devices for positive pressure chimneys are not covered by this standard.

It also specifies the requirements for marking, manufacturers' instruction, product information and attestation and verification of constancy of performance (AVCP).

2 Normative references

A1 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. **A1**

EN 1443, *Chimneys - General requirements*

EN 10088-1, *Stainless steels - Part 1: List of stainless steels*

EN 10346, *Continuously hot-dip coated steel flat products for cold forming - Technical delivery conditions*

EN 13216-1, *Chimneys - Test methods for system chimneys - Part 1: General test methods*

EN 60730-2-14, *Automatic electrical controls for household and similar use - Part 2-14: Particular requirements for electric actuators (IEC 60730-2-14)*

EN 61058-1, *Switches for appliances - Part 1: General requirements (IEC 61058-1)*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 1443, and the following apply.

A1 ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp> **A1**

3.1

draught regulator

device with a hinged flap in a flue opening to allow entry of secondary air into the flue to regulate the draught

3.2

standstill opening device

device which is opened motorised to allow air to enter the flue during the standstill period of the heating appliance

3.3

combined secondary air device

combination of a draught regulator and standstill opening device