

<b>STN</b>	<b>Elektrické spotrebiče pripájané na vodovodnú sieť Zabránenie spätnému nasávaniu a poruchám hadicových sústav Zmena A11</b>	<b>STN EN 61770/A11</b>  36 1055
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Electric appliances connected to the water mains. Avoidance of backsiphonage and failure of hose-sets

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

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 09/18

STN EN 61770 z januára 2010 sa bez tejto zmeny A11 môže používať do 18. 5. 2021.

Obsahuje: EN 61770:2009/A11:2018

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EUROPEAN STANDARD

**EN 61770:2009/A11**

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2018

ICS 97.040; 97.060

English Version

## Electric appliances connected to the water mains - Avoidance of backsiphonage and failure of hose-sets

Appareils électriques raccordés au réseau d'alimentation en eau - Exigences pour éviter le retour d'eau par siphonnage et la défaillance des ensembles de raccordement

Elektrische Geräte zum Anschluss an die Wasserversorgungsanlage - Vermeidung von Rücksaugung und des Versagens von Schlauchsätzen

This amendment A11 modifies the European Standard EN 61770:2009; it was approved by CENELEC on 2017-12-25. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 CENELEC member.

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

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

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**EN 61770:2009/A11:2018 (E)****European foreword**

This document (EN 61770:2009/A11:2018) has been prepared by CLC/TC 61 "Safety of household and similar electrical appliances" in collaboration with CEN/TC 164 "Water Supply".

It was generated to overcome occurring uncertainties in checking the appliances since extension of the scope for all EN 60335-2 parts having the necessity to be connected to the water mains.

Significant changes are the adoption of the EN 1717 approach of evaluating the risk categories and providing provisions / backflow prevention devices to realise prevention against the evaluated risks and to offer a choice of relevant backflow prevention devices which are already described by separate EN-Standards but with easing the requirements at points, where definitions which are not safety-relevant for the use in Electrical Appliances connected to the water mains prohibit industrialised realisation. Examples are requirements regarding size, stability and markings which are well-grounded for the use in house installation, but not for the realisation inside an electric appliance.

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2018-11-18
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2021-05-18

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

This amendment supplements or modifies the corresponding clauses of EN 61770:2009.

There are no special national conditions causing a deviation from this amendment.

There are no national deviations from this amendment.

Clauses, subclauses, notes, tables, figures and annexes which are additional to those in IEC 61770:2008 are prefixed "Z".

## 1 Scope

### *Replacement:*

This European Standard specifies requirements for appliances for household and similar purposes to prevent the backflow of non-potable water into the water mains. It also specifies requirements for hose sets used for connecting such appliances to the water mains that supply water at a pressure not exceeding 1 MPa.

NOTE 1 Examples of similar purposes are the installation of appliances in canteens, restaurants, laundrettes and communal flats.

NOTE 2 The connection of the appliance to the water mains may be temporary or permanent.

NOTE 3 When reference is made to the water mains, water supplied from a cistern or similar system is also included.

This standard does not apply to

- a) appliances used for dry cleaning;
- b) appliances for medical purposes;
- c) appliances intended for industrial purposes;
- d) water heaters that are an integral part of the water supply system;
- e) water coolers that are an integral part of the water supply system;
- f) backflow prevention devices for general purposes.

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**