

Domestic swimming pools - Water systems - Part 3:  
Water treatment - Requirements

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-EN 16713-3:2016 sisaldab Euroopa standardi EN 16713-3:2016 ingliskeelset teksti.	This Estonian standard EVS-EN 16713-3:2016 consists of the English text of the European standard EN 16713-3:2016.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 10.02.2016.	Date of Availability of the European standard is 10.02.2016.
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English Version

## Domestic swimming pools - Water systems - Part 3: Water treatment - Requirements

Piscines privées à usage familial - Systèmes de distribution d'eau - Partie 3: Traitement - Exigences

Schwimmbäder für private Nutzung - Wassersysteme - Teil 3: Aufbereitung - Anforderungen

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EUROPÄISCHES KOMITEE FÜR NORMUNG

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## European foreword

This document (EN 16713-3:2016) has been prepared by Technical Committee CEN/TC 402 “Domestic Pools and Spas”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by August 2016, and conflicting national standards shall be withdrawn at the latest by August 2016.

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

EN 16713, *Domestic swimming pools — Water systems*, currently comprises:

- *Part 1: Filtration systems— Requirements and test methods;*
- *Part 2: Circulation systems— Requirements and test methods;*
- *Part 3: Water treatment— Requirements.*

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## 1 Scope

This European Standard specifies requirements and test methods for equipment and means of pool water treatment utilized in domestic swimming pools.

This standard applies for swimming pools as defined in EN 16582-1 and will be read in conjunction with it.

This standard does not apply to:

- pools for public use covered by EN 15288-1;
- spas for domestic or public use;
- paddling pools according to EN 71-8;
- natural and nature like pools.

NOTE For filtration systems see EN 16713-1 and for circulation systems see EN 16713-2.

The purpose of this standard is furthermore to ensure a consistently high quality of pool water in terms of hygiene in order to prevent damage to human health, particularly as a result of pathogens. At the same time, account is also to be taken of the well-being of the bathers (e.g. by minimizing the side effects caused by disinfectants). To this end, requirements are specified for water quality and water treatment.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 15031, *Chemicals used for treatment of swimming pool water — Aluminium based coagulants*

EN 15074, *Chemicals used for treatment of swimming pool water — Ozone*

EN 15797, *Chemicals used for the treatment of swimming pool water — Iron based coagulants*

EN 16380, *Chemicals used for treatment of swimming pool water — Potassium peroxomonosulfate*

EN 16400, *Chemicals used for treatment of swimming pool water — Hydrogen peroxide*

EN 16582-1:2015, *Domestic swimming pools — Part 1: General requirements including safety and test methods*

EN 16582-2:2015, *Domestic swimming pools — Part 2: Specific requirements including safety and test methods for inground pools*

EN 16582-3:2015, *Domestic swimming pools — Part 3: Specific requirements including safety and test methods for aboveground pools*

EN 16713-1, *Domestic swimming pools — Water systems — Part 1: Filtration systems — Requirements and test methods*

EN 16713-2, *Domestic swimming pools — Water systems — Part 2: Circulation systems — Requirements and test methods*