

**STANDARD** 

I.S. EN 215:2004

ICS 91.140.10

National Standards Authority of Ireland Dublin 9 Ireland

Tel: (01) 807 3800 Fax: (01) 807 3838

# THERMOSTATIC RADIATOR VALVES - REQUIREMENTS AND TEST METHODS

This Irish Standard was published under the authority of the National Standards Authority of Ireland and comes into effect on: August 10, 2004

NO COPYING WITHOUT NSAI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

© NSAI 2004 Price Code L

Údarás um Chaighdeáin Náisiúnta na hÉireann

This is a free page sample. Access the full version online.



**AMENDMENT** 

I.S. EN 215:2004/A1:2006

ICS 91.140.10

National Standards Authority of Ireland Glasnevin, Dublin 9 Ireland

Tel: +353 1 807 3800 Fax: +353 1 807 3838 http://www.nsai.ie

## THERMOSTATIC RADIATOR VALVES - REQUIREMENTS AND TEST METHODS

Sales

http://www.standards.ie

This Amendment was published under the authority of the National Standards Authority of Ireland and comes into effect on: May 10, 2006

NO COPYING WITHOUT NSAI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

© NSAI 2006 Price Code G

Údarás um Chaighdeáin Náisiúnta na hÉireann

This is a free page sample. Access the full version online.

EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN 215:2004/A1

March 2006

ICS 91.140.10

#### **English Version**

### Thermostatic radiator valves - Requirements and test methods

Robinets thermostatiques d'équipement du corps de chauffe - Exigences et méthodes d'essai

Thermostatische Heizkörperventile - Anforderungen und Prüfung

This amendment A1 modifies the European Standard EN 215:2004; it was approved by CEN on 16 January 2006.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN 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 CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

### EN 215:2004/A1:2006 (E)

Contents	Page
Foreword	
Contents	4
Foreword	4
Clause 1 Scope	
Subclause 3.1.5 Protection cap	4
Subclause 3.2 Types of thermostatic valves (see Figure 3)	
Subclause 3.2.5 Thermostatic valve with pre-setting	
Subclause 3.3 Types of connections	
Subclause 5.4.4, subclauses 5.5.5 = 5.5.6 inclusive	
Subclause 5.3.4 Change of the flow rate by means of the protection cap	
Subclause 5.3.5 Sensor temperature at the minimum and maximum setting of the temperature	
selector	
Subclause 5.3.7 Differential pressure influence	
Subclause 5.3.8 Influence of the static pressure	
Subclause 5.3.9 Temperature difference between temperature point S and the closing and opening temperature respectively	
Subclause 5.3.10 Influence of ambient temperature on thermostatic valves with transmission	
elements	
Subclause 5.3.11 Water temperature effect	
·	
Clause 6 Test apparatus and methods	
Subclause 6.1.2 Apparatus for testing the thermostatic valve in the water bath	
Subclause 6.1.3 Apparatus for testing the thermostatic valve in the air stream Subclause 6.2.1 Determination of the characteristic curves	
Subclause 6.2.2 Plotting of the theoretical curve	
Subclause 6.3.1 Resistance to pressure, leak-tightness of the valve body assembly	
Subclause 6.3.2 Leak-tightness of the valve closed mechanically by means of the protection cap .	
Subclause 6.3.3 Leak-tightness of the stem seal	10
Subclause 6.3.5 Resistance of the temperature selector to a torque	10
Subclause 6.3.6 Resistance of the temperature selector to a bending moment	
Subclause 6.4.1.1 Nominal flow rate and flow rate at S-1 K	
Subclause 6.4.1.2 Characteristic flow rate for thermostatic valves with pre-setting	1
Subclause 6.4.1.3 – Subclause 6.4.1.5 inclusive	
Subclause 6.4.1.6 Change of the flow rate by means of the protection cap	
Subclause 6.4.1.7 – subclause 6.4.1.9 inclusive	
Subclause 6.4.1.10 Subclause 6.4.1.11	
Subclause 6.4.1.12 Water temperature influence	
Subclause 6.4.1.13 Response time	
Subclause 6.4.2.1 – 6.4.2.3	
Subclause 6.5 Test schedule	12
Clause 7. Technical information to be published by the manufacturer in the manufacturer's instruction for installation and operation	4.
A.1 General	
A.6 Marking (This marking does not cover possible certification marking)	
Annex B	
Annex C (informative) Test block for thermostatic integrated valves	



The is a new provider i arenade and chare publication at the limit below	This is a free preview.	Purchase the	entire publication	at the link below:
--	-------------------------	--------------	--------------------	--------------------

**Product Page** 

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation