

CERTIFICATION KEYMARK CCC3

Robinets thermostatiques



Liste de prix 2018

(Les montants indiqués s'entendent hors taxes et sont à majorer du taux de TVA en vigueur)

Version du 02/01/2018

Tarif applicable et Conditions de facturation

1. TARIF APPLICABLE

1.1. OBTENTION DE LA CERTIFICATION (en € HT)

Ref	PRESTATIONS	TARIFS
412	FRAIS D'OUVERTURE DE DOSSIER (FRAIS D'ENTREE)	8 690
412	FRAIS DE DROIT D'USAGE DE LA KEYMARK ⁽³⁾ <i>(ces frais sont reversés à AFNOR Certification pour le compte du CEN)</i>	
	. Par site de production	300
	. Par type de produit	300
	. Par sous type de produit	60
INSTRUCTION DU DOSSIER DE DEMANDE D'ADMISSION ⁽¹⁾		
415	. Pour le premier robinet thermostatique	715
715	. Pour chaque robinet thermostatique supplémentaire	275
AUDIT D'ADMISSION D'UN SITE DE PRODUCTION		
311 + 331	<u>Forfait Zone 1⁽²⁾ ⁽¹⁾</u> : (incluant la préparation, la prestation d'audit, le rapport, le suivi des actions correctives et le temps de déplacement et le prélèvement le cas échéant) (frais de séjour et de déplacement en sus : voir § Erreur ! Source du renvoi introuvable.) <i>Pour un audit conjoint KEYMARK / Marque NF, les frais afférent à l'audit KEYMARK sont réduits à un montant de 1 320 € (HT).</i>	3 960
311 + 332	<u>Forfait Zone 2⁽²⁾</u> : (incluant la préparation, la prestation d'audit, le rapport, le suivi des actions correctives et le temps de déplacement et le prélèvement le cas échéant) (frais de séjour et de déplacement en sus : voir § Erreur ! Source du renvoi introuvable.) <i>Pour un audit conjoint KEYMARK / Marque NF, les frais afférent à l'audit KEYMARK sont réduits à un montant de 1 320 € (HT).</i>	5 280
311 + 333	<u>Forfait Zone 3⁽²⁾</u> : (incluant la préparation, la prestation d'audit, le rapport, le suivi des actions correctives et le temps de déplacement et le prélèvement le cas échéant) (frais de séjour et de déplacement en sus : voir § Erreur ! Source du renvoi introuvable.) <i>Pour un audit conjoint KEYMARK / Marque NF, les frais afférent à l'audit KEYMARK sont réduits à un montant de 1 320 € (HT).</i>	6 600
314	Temps additionnel, le cas échéant, par heure	165
231	PRELEVEMENT DANS LE COMMERCE OU SUR STOCK (hors audit)	660

(1) Les frais de gestion sont facturés au tarif minimum. Toutefois, des frais supplémentaires pourront être facturés sur la base du tarif horaire d'EUROVENT CERTITA CERTIFICATION, en cas d'examen ou d'assistance technique complémentaire, nécessaires pour l'instruction d'une demande.

Taux horaire = 165 € HT

(2) Les zones géographiques sont définies au paragraphe 1.4 du présent tarif.

(3) La définition des types et des sous types est décrite en annexe C des règles KEYMARK pour les robinets thermostatiques.

211	ESSAIS D'ADMISSION	TARIFS
	Les essais sont réalisés et facturés par l'un des laboratoires ci-dessous et reconnus par le CEN-CCC3-KERYMARK conformément aux dispositions des règles KEYMARK pour les robinets thermostatiques.	-

Laboratoires :

IGE

Pfaffenwaldring, 35
D-70569 STUGGART

SIET

Via Nino Bixio, 27/c
I-29121 PIACENZA

WSPLab

Kapuzinerweg, 7
D-70374 STUTT GART

1.2. SUIVI DES PRODUITS CERTIFIES (en € HT)

	PRESTATIONS	TARIFS
722	FRAIS FIXES DE REDEVANCE ANNUELLE	8 690
	FRAIS DE DROIT D'USAGE DE LA KEYMARK ⁽³⁾ <i>(ces frais sont reversés à AFNOR Certification pour le compte du CEN)</i>	
613	. Par site de production	300
611	. Par type de produit	300
614	. Par sous type de produit	60
417	INSTRUCTION DU DOSSIER D'ADMISSION COMPLEMENTAIRE OU D'EXTENSION ⁽¹⁾	
417	. Pour le premier robinet thermostatique	715
417	. Pour chaque robinet thermostatique supplémentaire	275
	AUDIT D'UN SITE DE PRODUCTION	
312 + 331	Forfait Zone 1 ⁽²⁾ : (incluant la préparation, la prestation d'audit, le rapport, le suivi des actions correctives et le temps de déplacement et le prélèvement le cas échéant) (frais de séjour et de déplacement en sus : voir Terms and Conditions) <i>Pour un audit conjoint KEYMARK / Marque NF, les frais afférent à l'audit KEYMARK sont réduits à un montant de 1 320 € (HT).</i>	3 300

312	<u>Forfait Zone 2 ⁽²⁾ :</u> + (incluant la préparation, la prestation d'audit, le rapport, le suivi des actions correctives et le temps de déplacement et le prélèvement le cas échéant) 332 (frais de séjour et de déplacement en sus : voir Terms and Conditions) <i>Pour un audit conjoint KEYMARK / Marque NF, les frais afférent à l'audit KEYMARK sont réduits à un montant de 1 320 € (HT).</i>	4 620
312	<u>Forfait Zone 3 ⁽²⁾ :</u> + (incluant la préparation, la prestation d'audit, le rapport, le suivi des actions correctives et le temps de déplacement et le prélèvement le cas échéant) 333 (frais de séjour et de déplacement en sus : voir Terms and Conditions) <i>Pour un audit conjoint KEYMARK / Marque NF, les frais afférent à l'audit KEYMARK sont réduits à un montant de 1 320 € (HT).</i>	5 940
314	Temps additionnel, le cas échéant, par heure	165
231	PRELEVEMENT DANS LE COMMERCE OU SUR STOCK (hors audit)	660

(1) Les frais de gestion sont facturés au tarif minimum. Toutefois, des frais supplémentaires pourront être facturés sur la base du tarif horaire d'EUROVENT CERTITA CERTIFICATION, en cas d'examen ou d'assistance technique complémentaire, nécessaires pour l'instruction d'une demande.

Taux horaire = 165 € HT

(2) Les zones géographiques sont définies au paragraphe 1.4 du présent tarif.

(3) La définition des types et des sous types est décrite en annexe C des règles KEYMARK pour les robinets thermostatiques.

211	ESSAIS DE SUIVI	TARIFS
	Les essais sont réalisés et facturés par l'un des laboratoires ci-dessous et reconnus par le CEN-CCC3-KERYMARK conformément aux dispositions des règles KEYMARK pour les robinets thermostatiques.	-
371	VERIFICATIONS COMPLEMENTAIRES : Examen du plan d'action suite à non-conformité relevée lors des essais	330

Laboratoires :

IGE

Pfaffenwaldring, 35
D-70569 STUGGART

SIET

Via Nino Bixio, 27/c
I-29121 PIACENZA

WSPLab

Kapuzinerweg, 7
D-70374 STUTTGART

2. CONDITIONS DE FACTURATION

Les conditions de facturation sont précisées dans le document Terms and Conditions en annexe

Les conditions de paiement sont mentionnées sur les factures.

L'envoi des factures est effectué uniquement par mail. Une copie papier de la facture est disponible sur demande.



INVOICING TERMS AND CONDITIONS 2018

In accordance with all ECC certification programmes reference documents into force

Version of 05/12/2017

EUROVENT CERTITA CERTIFICATION SAS au capital de 100 000 € - 48-50 rue de la Victoire 75009 Paris - FRANCE -
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1. APPLICABLE FEES AND RELATED TERMS AND CONDITIONS

1.1. GENERAL

EUROVENT CERTITA CERTIFICATION reserves the right to put the certification decision on hold if a payment is due. Unpaid invoices can lead to the suspension of a certificate. Unpaid invoices generated under a given certification programme can lead to a certificate suspension process to another programme belonging to the same company or group.

1.1.1. Prices

The listed prices are net prices, i.e. exclusive of any added taxes. They are expressed in Euro.

1.1.2. Prepayment

Invoiced fees are to be prepaid unless otherwise stipulated.

1.1.3. Refunds

Fees are not refundable, even in the event of non-renewal, waiver, suspension or withdrawal of the certification and regardless of the certification process outcome.

1.1.4. Terms of payment

Net 30 days end of the month unless otherwise stipulated. Interest at the rate of 10% per year, effective from the first calendar day following the payment deadline indicated on the invoice, will be charged on all overdue balance. Fixed charge to cover debt collection costs is fixed at 40 euros.

1.1.5. Price list publication period

Fourth quarter of year N-1 for existing programmes unless otherwise stipulated.

1.1.6. Price list validity

Valid for the calendar year N specified on the price list. All services are invoiced at valid prices at date of accomplishment unless otherwise stipulated.

1.2. ADMINISTRATION FEES

Administration fees are charged at the minimum rate. However, additional fees may be charged on the basis of EUROVENT CERTITA CERTIFICATION's hourly fee, in case of additional assistance necessary to process an application file.

1.2.1. Launching committee participation fee

Fee requested for the participation to the launching committee (or "working group" for NF/QB marks). Covers the costs incurred in the development of the certification programme in question.

When entrance to the developed programme is made soon after the programme entry into force the manufacturer who participated to the development work can be exempted from paying the entrance fee (see conditions in §1.2.2).

1.2.2. Entrance fee (EF)

Fee requested at the entrance of each certification programme – once.

Invoiced at valid price at date of application.

Covers the costs incurred in updating the various documents necessary for the running of the certification programme in question.

If the applicant took part in the development work of the programme in question and signed the license agreement within an 18-month period from the programme start (entry into force date specified on the certification documents) he is exempted from paying the entrance fee.

For ECP programmes, in the event of an application as a holding, as defined in the Certification Manual, the amount invoiced equals three (3) times the EF price indicated in the price list.

1.2.3. Fixed annual fee (FAF)

Fee requested on a yearly basis, including at entrance time.

Following granting of product certification, EUROVENT CERTITA CERTIFICATION invoices annually a fixed amount which covers, notably and not limited to:

- evaluation/follow-up of the applicant/participant product list and planning of the surveillance campaign;
- evaluation of the surveillance operations outcome (success or failure) and implementation of resulting actions;
- whenever applicable, the right of use¹ of the certification mark. The corresponding amount is paid out to the mark owner.

For ECP programmes, if the licensee is a holding, as defined in the Certification Manual, the amount invoiced equals three (3) times the FAF price indicated in the price list.

For ECP and NEx programmes, the FAF is invoiced yearly mid-October to applicants/participants as the yearly fee corresponding to the following year activity unless otherwise stipulated. For applicants the FAF is invoiced at valid price at date of application. When date of application is between 1 August and 31 December of year N, the following FAF invoice is requested in mid-October of year N+1.

For other programmes the FAF is invoiced yearly in January as the yearly fee corresponding to the ongoing year activity unless otherwise stipulated.

1.2.4. Variable annual fee (VAF)

The Variable Annual Fee accounts for the certification scope (number of ranges and/or models and/or production sites, etc.) variability from one applicant/participant to another which impacts the amount of work needed to evaluate, check and publish the certified data.

For ECP and NEx programmes, the VAF is invoiced yearly in April. Adjustment may be applied in October if need be.

Otherwise the VAF is invoiced yearly in January.

1.2.5. Contract modification fee

Charge for each contract change or modification.

1.2.6. Certification request evaluation fee

The evaluation fee covers the cost incurred in evaluating the application file admissibility.

¹ Note: The right of use the certification mark is aimed at covering:

- general operation of the certification mark (quality system, monitoring of bodies in the network, management of the mark committee if any, etc.);
- protection of the mark: filing and protection of the mark, legal counsel, processing of misuses (legal services, etc.);
- contribution to the general promotion of the mark.

1.3. TESTING FEES (TF)

Testing fee indicated in the price list is per unit tested.

Adjustment according to price list valid at actual test date may apply.

Must be paid prior to testing date unless otherwise stipulated.

The testing fees are invoiced prior to the test according to valid price list unless otherwise stipulated.

All transport costs, tax and duties shall be paid by applicant or participant. Shipping DDP (Duty Delivered Paid) to the laboratory, return shipment must be ordered EXW (Ex works). 11% service charge for any fees, customs or duties fees.

In some particular cases specified in relevant technical certification rules the product testing is conducted by the independent laboratory personnel in the applicant/participant premises, called participant laboratory. This case is foreseen in the price list with specific prices whenever applicable.

1.4. AUDIT FEES (AF)

Fees related to initial/surveillance audit base price (see §1.4.1) are invoiced prior to the audit according to valid price list.

Other audit related fees, such as variable travel expenses (see §1.4.4) and, when applicable, additional range(s) audited (see §1.4.2) and/or fees related to evaluation of nonconformity(ies) corrective actions plan (see §1.4.5), are invoiced separately unless otherwise stipulated.

Any unexpected time (see §1.4.7) will be charged on a separate invoice at the defined ECC hourly rate.

Adjustment according to price list valid at actual audit date may apply.

1.4.1. Initial/surveillance audit base price

Covers fixed travel expenses for the applicable geographical area, fees related to on-site working time, fees related to on-site software checking and/or product sampling when applicable and fees related to off-site (in house) working time (preparation and analysis of the audit).

1.4.2. Additional range during the audit

When an additional range is audited with respect to the regular audit content defined in relevant technical certification rules, the corresponding price is invoiced to the applicant/participant, either prior to the audit when included in the foreseen audit plan or as a separate invoice otherwise.

1.4.3. Fixed travel expenses

Fixed rate for time allocated to travel from auditor doorstep to production site.

Standard travel times are defined for each of the three (3) geographical areas defined below:

- Area 1: metropolitan France + Benelux + Italy + Switzerland + Germany + Spain + Portugal + Liechtenstein + United Kingdom
- Area 2: EU countries not listed in Area 1 + Turkey + Norway + Morocco + Tunisia + Algeria + Iceland + Albania + Serbia + Bosnia and Herzegovina + Montenegro + FYR Macedonia
- Area 3: French Overseas Departments and Territories + Countries departments or territories neither listed in Area 1 nor in Area 2

1.4.4. Variable Travel Expenses (VTE)

Include meals and lodging, flight ticket, train ticket, car rental including gas, taxi or private hire, road toll fees, parking fees, transfer fee, visa and any other tax or duties related to audit destination. Invoiced based on actual costs with an 11% service charge.

1.4.5. Evaluation of nonconformity(ies) corrective actions plan

If nonconformities are identified during the on-site audit, the applicant/participant is asked to prepare a corrective actions plan within a given delay. The relevance of this corrective actions plan is then evaluated by the auditor.

1.4.6. Checking of the nonconformity(ies) resolution

ECC verifies the elements provided by the applicant/participant with respect to the actions undertaken in the frame of the corrective actions plan. The decision regarding the elements admissibility is specified in the corrective actions report which is returned to the applicant/participant.

1.4.7. Unexpected time

Additional time required to complete any of the items, unexpected travel time, unexpected waiting time at the factory location, unexpected delays of all kind not caused by ECC.

Minimum invoicing time is three (3) hours.

1.4.8. Discount for combined audits or close-location audits (audit tours)

A non-cumulative discount of 20 % per applicant/participant and per programme is applied on the audit base price if the audit is conducted in the context of a geographical grouping of a number of production sites.

A non-cumulative discount of 30 % per applicant/participant and per programme is applied on the audit base price for a single audited site (several programmes and/or several applicants/participants).

A non-cumulative discount of 40 % per applicant/participant is applied on the audit base price if the audit scope is similar and that the following conditions are met:

- a single audited site for several applicants/participants of the same programme;
- and the audited products / processes are the same. If the auditor observes that this is not actually the case then an adjustment of the invoicing will be made.

In the statements here above, programme means any certification programme managed by EUROVENT CERTITA CERTIFICATION.

The discounts are non-cumulative. When several of the aforementioned cases are met, the case the most favourable to the applicant/participant is applied.

1.4.9. Audit cancellation

Any audit cancellation by the applicant/participant, which date has been agreed on by EUROVENT CERTITA CERTIFICATION and the audited company, will be charged according to the following:

- cancellation 20 calendar days to 11 calendar days prior to the planned date: 50% of the audit amount ;
- cancellation 10 calendar days before the planned date: 100 % of the audit amount.

Besides, 100% of incurred costs, with applicable service charge (see §0), are due regardless of the cancellation date.



In case an audit is cancelled by ECC due to unpaid invoices, the audit cancellation is considered the responsibility of the applicant/participant. ECC is entitled to cancel an audit as soon as the corresponding invoice is overdue.

1.5. CHECK SOFTWARE FEES

Invoiced prior to the check software according to valid price list.

Adjustment according to price list valid at actual check date may apply.

Must be paid prior to the check software date. In case of CD ROM format all transport costs, tax and duties shall be paid by applicant or participant.

1.5.1. Pre check

Pre-checking of software is a pre-requisite, done in house by ECC. When the software complies with the requirements, this step is completed and ECC can schedule the production site audit.

1.5.2. Comparison check

When the BN uses the same software as the OEM, ECC proceeds to a comparison check between BN and OEM software versions to verify their consistency.

1.5.3. Annual software checking

Annual verification of the software compliance to the Operational Manual requirements, done in house by ECC.

1.5.4. Test check

After a test is completed, the operating (real) testing conditions are re-introduced in the software for determination of actual performance ratings to be considered as declared values and confrontation with test results.

1.5.5. Additional check

Punctual checking of new software version following test failure and/or in between the foreseen checks on a voluntary basis.

1.6. SAMPLING VISIT

Whenever applicable an auditor conducts a specific visit to the production site dedicated to the on-site sampling of units to be tested.

1.7. DESK STUDY FEES

Study of documents (technical drawings, specification, Installation Operational Manual, quality procedure, etc.) issued by a manufacturer prior to an audit to validate requirements listed in the reference documents.

The desk study can also include a review of the software if required.

1.8. SOURCING FEES

In case sourcing fees are requested for the purchase of the unit(s) to be tested, or the purchase of a unit in the frame of a challenge procedure, partial down payment is invoiced prior to sourcing according to valid price list and balance is invoiced based on actual costs with an 11% service charge.

1.9. ADDITIONAL CHECKING OPERATIONS

Costs resulting from additional checking operations (audits, tests, check software...) considered necessary following non-conformities or anomalies detected during routine inspections, or as a result of sanctions proposed by ECC, if applicable, are payable by the applicant/participant, regardless of the results.

2. LEGEND

Applicant	Status of company in the process of obtaining first certification for a given certification programme.
Brand Name (BN)	Companies that are not the manufacturer of the product sold under their own name; can be another manufacturer or a distributor.
CE marking	ECC is notified body for certification of factory production control of metal and plastic chimney products necessary for their CE marking.
Date of application	Date of reception by ECC of paper version of the signed license agreement.
DDP	Duty Delivered Paid
DINPlus	Voluntary quality certification mark (Germany mainly). ECC organises controls (tests, audits, etc.) on heat pumps, and transfers the complete certified files to DINCertco who can deliver DINPlus.
ECC	Eurovent Certita Certification
ECP	Eurovent Certified Performance. Voluntary third-party product certification mark owned by ECC.
EXW	Incoterm meaning Ex works
Initial audit	Audit conducted in the frame of the qualification procedure.
Keymark	Voluntary certification mark based on conformity with European Standards and owned by CEN and CENELEC. ECC is part of the qualified certification bodies.
Launching Committee (LC)	Committee started to establish a new certification programme by contributing to the reference documents preparation and providing guidance for the laboratory/test agency/audit agency choice. Cease activities when the programme starts.
MCS	Microgeneration Certification Scheme. Quality assurance scheme recognized in United Kingdom. ECC is part of the Certification Bodies accredited to assess products according to the MCS Standards.
NEx	Nature of Excellence. Voluntary third-party product certification mark, owned by ECC, with a dedicated focus on quality and durability of high performance product.
NF	Voluntary product certification mark, owned by the Association Francaise de Normalisation (AFNOR), for which ECC is mandated body for specific certification applications.
Participant	Status of company who has obtained first certification and who participates in the annual control process of a given certification programme.
QB	Voluntary product certification mark, owned by the Centre Scientifique et Technique du Bâtiment (CSTB), for which ECC is licensee for specific certification applications.
Surveillance audit	Audit conducted in the frame of the repetition procedure.
Technical certification Rules	Document that describes specific rules and procedures, notably regarding testing and rating of certified products, for a given certification programme.



Preisliste für Prüfungen thermostatischer Heizkörperventile nach DIN EN 215													
Die in der unten stehenden Tabelle angegebenen Nettopreise in EUR sind Einzelprüfkosten je Ventil. Die Zahlen in den grau unterlegten Bereichen entsprechen der Anzahl der Prüfgegenstände.													
2018													
Abschn	Reihenfolge der Prüfungen	Prüfreihe											
		A.1	A.2	A.3		A.4		B	C		D		
6.3.4	Biegefestigkeit des Ventils					1	46	1	46			1	
6.3.1	Druckfestigkeit, Dichtheit des Ventils					1	46	1	46			1	
6.3.5	Drehfestigkeit des Sollwertinstellers	3	122							1	122		
6.3.6	Biegefestigkeit des Sollwertinstellers	3	77							1	77		
6.4.1.3	Größter Durchfluß	3	41					1	41	1	41	1	41
6.2.1.1	Öffnungskennlinie bei niedrigster SollwertEinstellung (Kennlinie 1)	3	220							1	220		
6.2.1.1	Öffnungskennlinie bei höchster SollwertEinstellung (Kennlinie 2)	3	220							1	220		
6.2.1.2	Öffnungskennlinie bei einer Zwischenstellung des Sollwertinstellers (Kennlinie 3)	3 (9)	220	1	220	1	220	1	220	1 (3)	220	1 (3)	220
6.2.1.3	Schließkennlinie bei einer Zwischenstellung des Sollwertinstellers (Kennlinie 4)	3	220					1	220	2	220	1	220
6.2.1.4	Öffnungskennlinie für Thermostatventile mit Übertragungsgliedern nach 3.2.2 bis 3.2.4 bei MSE (Kennlinie 5)	3	220							1	220		
6.2.1.5	Schließkennlinie bei MSE und einem höheren Differenzdruck als 10 kPa (Kennlinie 6)	3	220					1	220	1	220	1	220
6.2.1.6	Schließkennlinie bei MSE und einem statischen Druck von 1000 kPa (Kennlinie 7)	3	220							1	220		
6.4.1.11	Wassertemperatureinfluß	2	434							2	434		
6.4.1.12	Schließzeit	2	398							2	398		
6.4.2.3	Prüfung der Temperaturbeständigkeit			1	77								
6.4.2.1	Mechanische Dauerprüfung					1	796						
6.4.2.2	Thermische Dauerprüfung							1	1066				
6.2.1.2	Öffnungskennlinie bei MSE (Kennlinie 3)			1	220	1	220	1	220				
6.3.3	Dichtheit der Spindelabdichtung					1	61						61
6.3.2	Dichtheit des mechanisch mit der Schutzkappe geschlossenen Ventils (wenn gefordert)					1	46	1	46			1	46
	ohne VE	6344	517	1297	1598								
	mit VE	7664	517	1297	1598								
				Prüfreihe		A1 - A4		B	C	D			
	Ventil ohne Voreinstellung						9756	838	3664	762			
	Ventil mit Voreinstellung						11076	1278	4104	1202			
	Kontrollprüfung - Ventile ohne VE						724						
	Ventile mit VE						1142						

Price of each test foreseen by EN 215 - Year 2018

<i>EN 215</i>	<i>Test description</i>	<i>Test price [€]</i>
6.3.4	Testing of mechanical properties: resistance of the valve body assembly to a bending moment.	60,00
6.3.1	Testing of mechanical properties: resistance to pressure, leak-tightness of the valve body assembly.	60,00
6.3.5	Testing of mechanical properties: resistance of the temperature selector to a torque.	145,00
6.3.6	Testing of mechanical properties: resistance of the temperature selector to a bending moment.	85,00
6.4.1.3	Testing of operating characteristics: maximum flow rate.	60,00
6.2.1.1	Characteristic curves of thermostatic valves: opening curve at minimum setting of the temperature selector (curve no. 1).	255,00
6.2.1.1	Characteristic curves of thermostatic valves: opening curve at maximum setting (curve no. 2).	255,00
6.2.1.2	Characteristic curves of thermostatic valves: opening curve at an intermediate setting of the temperature selector (curve no. 3).	255,00
6.2.1.3	Characteristic curves of thermostatic valves: closing curve at an intermediate setting of the temperature selector (curve no. 4).	255,00
6.2.1.4	Characteristic curves of thermostatic valves: opening curve for thermostatic valves with transmission elements in accordance with 3.2.2 to 3.2.4 at an intermediate setting of the temperature selector (curve no. 5).	255,00
6.2.1.5	Characteristic curves of thermostatic valves: closing curve at an intermediate setting of the temperature selector and at a differential pressure greater than 10 kPa (0,1 bar) (curve no. 6).	255,00
6.2.1.6	Characteristic curves of thermostatic valves: closing curve at an intermediate setting of the temperature selector and at a static pressure of 1000 kPa (10 bar) (curve no. 7).	255,00
6.4.1.11	Testing of operating characteristics: water temperature influence.	450,00
6.4.1.12	Testing of operating characteristics: response time.	425,00
6.4.2.3	Endurance tests and temperature resistance test: temperature resistance test.	85,00
6.4.2.1	Endurance tests and temperature resistance test: mechanical endurance test.	850,00
6.4.2.2	Endurance tests and temperature resistance test: thermal endurance test.	1150,00
6.3.3	Testing of mechanical properties: leak-tightness of the stem seal.	85,00
6.3.2	Testing of mechanical properties: leak-tightness of the valve closed mechanically by means of the protection cap.	60,00
---	Authority a	60,00
Annex A	Thermostatic Radiator Valves: dimensions and details on connection.	255,00

PRICELIST

for the tests of thermostatic radiator valves conforming to EN 215

The sequence of the different tests as well as the required numbers of test samples for a complete test of thermostatic valve is described in clauses 6.5 of the standard. The following prices in **EURO** show the costs for one thermostatic radiator valve and one test.

Clause no. in EN 215	Test sequence	Test series no.							
		A.1	A.2	A.3	A.4	B	C	D	
6.3.4	Resistance of the valve body assembly to a bending moment				40	40			
6.3.1	Resistance to pressure, leak-tightness of the valve body assembly				40	40			
6.3.5	Resistance of the temperature selector to a torque	115					115		
6.3.6	Resistance of the temperature selector to a bending moment	70					70		
6.4.1.3	Maximum flow rate	45				45	45	45	
6.2.1.1	Opening curve at minimum setting of the temperature selector (curve no. 1)	205					205		
6.2.1.1	Opening curve at minimum setting of the temperature selector (curve no. 2)	205					205		
6.2.1.2	Opening curve at an intermediate setting of the temperature selector (curve no. 3)	205	205	205	205	205	205	205	
6.2.1.3	Closing curve at an intermediate setting of the temperature selector (curve no. 4)	205				205	205	205	
6.2.1.4	Opening curve for thermostatic valves with transmission elements at an intermediate setting of the temperature selector (curve no. 5)						205		
6.2.1.5	Closing curve at an intermediate setting of the temperature selector and at a differential pressure greater than 10 kPa (curve no. 6)	205				205	205	205	
6.2.1.6	Closing curve at an intermediate setting of the temperature selector and at a differential pressure of 1000 kPa (curve no. 7)	205					205		
6.4.1.11	Water temperature effect	400					400		
6.4.1.12	Response time	380					380		
6.4.2.3	Temperature resistance test		70						
6.4.2.1	Mechanical endurance test			740					
6.4.2.2	Thermal endurance test				990				
6.2.1.2	Opening curve at an intermediate setting of the temperature selector (curve no. 3)		205	205	205				
6.3.3	Leak-tightness of the stem seal			55				55	
6.3.2	Leak-tightness of the valve closed mechanically by means of the protection cap				40	40		40	