

EC type examination certificate

EG-Baumusterprüfbescheinigung

CE-0085CL0440

Product Identification No.
Produkt-Identnummer

Field of Application <i>Anwendungsbereich</i>	EC Efficiency Directive (92/42/EEC) EG-Wirkungsgradrichtlinie (92/42/EWG)
Distributor <i>Vertreiber</i>	ELCO Shared Services GmbH Hohenzollernstraße 31, D-72379 Hechingen
Product Category <i>Produktart</i>	Boilers with flue systems: Condensing water heater (3202)
Product Description <i>Produktbezeichnung</i>	Wall hanging condensing boiler with integrated gas burner in modulating operation method
Model <i>Modell</i>	THISION MINI...
Type of Boiler <i>Heizkesseltyp</i>	condensing boiler
Test Reports <i>Prüfberichte</i>	supplement test: K5402014 B28 from 18.07.2014 (TRG)
Test Basis <i>Prüfgrundlagen</i>	EU/92/42 (21.05.1992)
File Number <i>Aktenzeichen</i>	14-0568-GWA

19.09.2014 Rie F-1/2

Date, issued by: Sheet, Head of Certification Body
Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle

DVGW CERT GmbH - recognized by the German Institute for Building Technology (DIBt) and notified at the European Commission as certification body for the EC Boiler Efficiency Directive

DVGW CERT GmbH - vom Deutschen Institut für Bautechnik (DIBt) nach dem Bauproduktengesetz anerkannte und bei der Europäischen Kommission benannte Zertifizierungsstelle für die EG-Heizkessel-Wirkungsgradrichtlinie

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Type Typ	Technical Data Technische Daten	Energy Labelling Energieeffizienzkennzeichnung
THISION MINI 12	nominal heat output: 2,9...11,7 kW nominal heat input (Hi): 3,0...12,0 kW	****
THISION MINI 18	nominal heat output: 4,4...17,6 kW nominal heat input (Hi): 4,5...18,0 kW	****
THISION MINI 25; THISION MINI Combi 25	nominal heat output: 5,4...21,5 kW nominal heat input (Hi): 5,5...22,0 kW	****
THISION MINI 30; THISION MINI Combi 30	nominal heat output: 6,3...27,3 kW nominal heat input (Hi): 6,5...28,0 kW	****
THISION MINI Combi 35	nominal heat output: 6,8...30,2 kW nominal heat input (Hi): 7,0...31,0 kW	****

Hints of Utilization / Remarks

Verwendungshinweise / Bemerkungen

The energy labelling can be used according to the actual regulations of the country of destination for the individual types.
The above listed model was certified under the Product-Identnumber CE-0085CL0440 according to the Gas Appliance Directive (2009/142/EC).

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Produkt-Identnummer

Field of Application <i>Anwendungsbereich</i>	EC Gas Appliances Directive (2009/142/EC) <i>EG-Gasgeräterichtlinie (2009/142/EG)</i>
Distributor <i>Vertreiber</i>	ELCO Shared Services GmbH Hohenzollernstraße 31, D-72379 Hechingen
Product Category <i>Produktart</i>	Boilers with flue systems: Condensing water heater (3202)
Product Description <i>Produktbezeichnung</i>	Wall hanging condensing boiler with integrated gas burner in modulating operation method
Model <i>Modell</i>	THISION MINI...
Countries of Destination <i>Bestimmungsländer</i>	AT, BA, BE, BG, BY, CH, CN, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MT, NL, NO, PL, PT, RO, RS, RU, SE, SI, SK, TR, UA
Test Reports <i>Prüfberichte</i>	supplement test: K5402014 B27 from 18.07.2014 (TRG) supplement test: K5402014 E26 from 18.07.2014 (TRG) supplement test: K5402014 E24 from 10.04.2014 (TRG) supplement test: K5402014 B25 from 10.04.2014 (TRG)
Test Basis <i>Prüfgrundlagen</i>	EU/2009/142/EG (30.11.2009) DIN EN 483 (01.06.2000) DIN EN 677 (01.08.1998) DIN EN 625 (01.10.1995)
File Number <i>Aktenzeichen</i>	14-0568-GEA

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Date, Issued by, Sheet, Head of Certification Body
Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle

DVGW CERT GmbH is an accredited body by DAkkS according to EN 45011:1998 and notified by the government of the Federal Republic of Germany for certification of gas appliances under EC Directive 2009/142/EC.

DVGW CERT GmbH ist von der DAkkS nach DIN EN 45011:1998 akkreditierte und von der Deutschen Bundesregierung benannte Stelle für die Zertifizierung von Gasgeräten gemäß EG-Richtlinie 2009/142/EG.

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Appliance Categories <i>Gerätekategorien</i>	Supply Pressures <i>Versorgungsdrücke</i>	Countries of Destination <i>Bestimmungsländer</i>	Remarks <i>Bemerkungen</i>
I2E	20 mbar	PL	
I2E(S)	20/25 mbar	BE	
I2ELL	20 mbar	DE	
I2H	20 mbar	DK, EE, FI, LU, LV, NO, SE	
I2HS	25 mbar	HU	
I3P	28-30 mbar	CY	
I3P	29 mbar	HU	
I3P	37 mbar	BE, PL	
I3P	50 mbar	BE, DE, HU	
II2E LwLs3P	20,20,13, 30 mbar	PL	only "MED" models
II2E(S)3P	20/25, 37 mbar	BE	
II2E(S)3P	20/25, 50 mbar	BE	
II2E3P	20, 37 mbar	PL	
II2ELL3P	20, 50 mbar	DE	
II2Esi3P	20/25, 37 mbar	FR	
II2H3P	20, 30 mbar	LT, RO	
II2H3P	20, 37 mbar	CH, CZ, ES, GB, GR, HR, IE, IS, IT, PT, SI, SK, TR	
II2H3P	20, 50 mbar	AT, CH, GR, IS, SK	
II2H3P	25, 29 mbar	HU	
II2H3P	25, 50 mbar	HU	
II2HM3P	20, 37 mbar	IT	only "MED" models
II2HS3P	25, 29 mbar	HU	only "MED" models
II2HS3P	25, 50 mbar	HU	only "MED" models
II2L3P	25, 30 mbar	NL	
II2L3P	25, 50 mbar	NL	

Type <i>Typ</i>	Technical Data <i>Technische Daten</i>	Remarks <i>Bemerkungen</i>
THISION MINI 12	nominal heat output: 2,9...11,7 kW nominal heat input (Hi): 3,0...12,0 kW	
THISION MINI 18	nominal heat output: 4,4...17,6 kW nominal heat input (Hi): 4,5...18,0 kW	
THISION MINI 25; THISION MINI Combi 25	nominal heat output: 5,4...21,5 kW nominal heat input (Hi): 5,5...22,0 kW	sanitary water heat input (Hi): 5,5...26,0 kW
THISION MINI 30; THISION MINI Combi 30	nominal heat output: 6,3...27,3 kW nominal heat input (Hi): 6,5...28,0 kW	sanitary water heat input (Hi): 6,5...30,0 kW
THISION MINI Combi 35	nominal heat output: 6,8...30,2 kW nominal heat input (Hi): 7,0...31,0 kW	sanitary water heat input (Hi): 7,0...34,5 kW

Hints of Utilization /Remarks

Verwendungshinweise / Bemerkungen

flue types: B23, B23P, B33, C13(x), C23, C33(x), C43(x), C43P (only with flap), C53(x), C63(x), C83(x), C93(x) according to installation manual with flue systems of Natalini (approval-no. Z-7.2-338 and Z-7.2-339) and Groppalli (approval-no. 400087 and IFPC 400009)

Electrical data: 230 V AC, 50 Hz

Additionally tested appliance categories, supply pressures and countries of destination:

BG: II2H3P (20, 30 mbar); BA, BY, MT, RS, RU, UA: II2H3P (20, 37 mbar); BA, BY, MT, RS, RU, UA: II2H3P (20, 50 mbar); CN: II2H3P (10-20, 28 mbar)

In Bosnien-Herzegovina, China, Serbia, Belarus, in the Russian Federation and in the Ukraine the CE-marking will be accepted as conformity approval if the GAD (2009/142/EC) is transferred into national law by this countries.