

C € 0085

EC type examination certificate

EG-Baumusterprüfbescheinigung

CE-0085BS0067

Product Identification No.
Produkt-Identnummer

Field of Application <i>Anwendungsbereich</i>	EC Gas Appliances Directive (2009/142/EC) <i>EG-Gasgeräte-Richtlinie (2009/142/EG)</i>
Owner of Certificate <i>Zertifikatinhaber</i>	BALTUR S.p.A. Via Ferrarese, 10, I-44042 Cento (Ferrara)
Distributor <i>Vertreiber</i>	BALTUR S.p.A. Via Ferrarese, 10, I-44042 Cento (Ferrara)
Product Category <i>Produktart</i>	Burners for boilers: Fan-assisted gas burner (3502)
Product Description <i>Produktbezeichnung</i>	Fan-assisted gas burner in monobloc construction
Model <i>Modell</i>	TBG ...
Countries of Destination <i>Bestimmungsländer</i>	AT, BE, BG, CH, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR
Test Reports <i>Prüfberichte</i>	supplement test: GB1942012T1 from 10.10.2013 (TRG) supplement test: GB1952012T1 from 10.10.2013 (TRG)
Test Basis <i>Prüfgrundlagen</i>	EU/2009/142/EG (30.11.2009) DIN EN 676 (01.11.2008) DIN EN 676 (01.11.2003)
File Number <i>Aktenzeichen</i>	13-0693-GER

07.11.2013 Rie A-1/2

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.



Appliance Categories <i>Gerätekategorien</i>	Supply Pressures <i>Versorgungsdrücke</i>	Countries of Destination <i>Bestimmungsländer</i>	Remarks <i>Bemerkungen</i>
I2H I2R	14,2-360 mbar 12,6-360 mbar	AT CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, NL, NO, PT, RO, SE, SI, SK	
II2H3B/P II2R3R	14,2-360, 12,6-360 mbar 14,2-360, 12,6-360 mbar	AT CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, NL, NO, PT, RO, SE, SI, SK	

Type <i>Typ</i>	Technical Data <i>Technische Daten</i>	Remarks <i>Bemerkungen</i>
TBG 35	heat input - natural gas (Hi): 72...422 kW heat input - LPG (Hi): 65...427 kW	supply pressure: 14,2-360 mbar (NPG); 25,8-360 mbar (LPG)
TBG 35 P	heat input - natural gas (Hi): 77...412 kW heat input - LPG (Hi): 73...424 kW	supply pressure: 15,4-360 mbar (NPG); 12,6-360 mbar (LPG)
TBG 45	heat input - natural gas (Hi): 89...485 kW heat input - LPG (Hi): 82...547 kW	supply pressure: 18,5-360 mbar (NPG); 22,5-360 mbar (LPG)
TBG 45 P/PN/ME	heat input - natural gas (Hi): 89...485 kW heat input - LPG (Hi): 92...555 kW	supply pressure: 18,5-360 mbar (NPG); 22,5-360 mbar (LPG)
TBG 45 P-V/PN-V TBG 50 LX PN ME/-V	heat input - natural gas (Hi): 89...485 kW heat input - natural gas (Hi): 92...555 kW heat input - LPG (Hi): 92...555 kW	supply pressure: 18,5-360 mbar supply pressure: 20-360 mbar
TBG 55	heat input - natural gas (Hi): 184...564 kW heat input - LPG (Hi): 86...616 kW	supply pressure: 20-360 mbar (NPG); 34-360 mbar (LPG)
TBG 55 P/PN/ME	heat input - natural gas (Hi): 76...672 kW heat input - LPG (Hi): 86...735 kW	supply pressure: 20-360 mbar (NPG); 34-360 mbar (LPG)
TBG 60	heat input - natural gas (Hi): 103...682 kW heat input - LPG (Hi): 114...676 kW	supply pressure: 20-360 mbar (NPG); 29-360 mbar (LPG)
TBG 60 P-V/PN-V TBG 60 P/PN/ME	heat input - natural gas (Hi): 103...682 kW heat input - natural gas (Hi): 103...682 kW heat input - LPG (Hi): 85...676 kW	supply pressure: 20-360 mbar supply pressure: 20-360 mbar (NPG); 29-360 mbar (LPG)
TBG 80 LX PN ME/-V TBG 85 P/PN/ME	heat input - natural gas (Hi): 121...836 kW heat input - natural gas (Hi): 119...882 kW heat input - LPG (Hi): 157...810 kW	supply pressure: 25-360 mbar supply pressure: 20-360 mbar (NPG); 31-360 mbar (LPG)
TBG 85 P-V/PN-V TBG 110 LX PN ME/-V TBG 120 P	heat input - natural gas (Hi): 119...882 kW heat input - natural gas (Hi): 125...1262 kW heat input - natural gas (Hi): 128...1320 kW heat input - LPG (Hi): 207...1351 kW	supply pressure: 20-360 mbar supply pressure: 38-360 mbar supply pressure: 20-360 mbar (NPG); 85-360 mbar (LPG)
TBG 120 MC	heat input - natural gas (Hi): 123...1355 kW heat input - LPG (Hi): 204...1345 kW	supply pressure: 20-360 mbar (NPG); 85-360 mbar (LPG)
TBG 120 P/PN/ME	heat input - natural gas (Hi): 156...1350 kW heat input - LPG (Hi): 152...1260 kW	supply pressure: 20-360 mbar (NPG); 34,5-360 mbar (LPG)
TBG 140 LX PN ME/-V TBG 150 P/PN/ME	heat input - natural gas (Hi): 185...1560 kW heat input - natural gas (Hi): 170...1600 kW heat input - LPG (Hi): 192...1754 kW	supply pressure: 40-360 mbar supply pressure: 20-360 mbar (NPG); 46-360 mbar (LPG)
TBG 150 P	heat input - natural gas (Hi): 176...1597 kW heat input - LPG (Hi): 167...1859 kW	supply pressure: 21,7-350 mbar (NPG); 57-350 mbar (LPG)
TBG 150 MC	heat input - natural gas (Hi): 128...1597 kW heat input - LPG (Hi): 273...1551 kW	supply pressure: 21,7-350 mbar (NPG); 57-350 mbar (LPG)
TBG 200 LX ME TBG 200 LX PN/-V TBG 210 P	heat input - natural gas (Hi): 230...1941 kW heat input - natural gas (Hi): 473...1941 kW heat input - natural gas (Hi): 323...2096 kW heat input - LPG (Hi): 271...2114 kW	supply pressure: 45-360 mbar supply pressure: 45-360 mbar supply pressure: 30-350 mbar (NPG); 36,5-350 mbar (LPG)
TBG 210 MC	heat input - natural gas (Hi): 239...2357 kW heat input - LPG (Hi): 247...2113 kW	supply pressure: 30-350 mbar (NPG); 36,5-350 mbar (LPG)
TBG 210 P/PN/ME	heat input - natural gas (Hi): 383...2150 kW heat input - LPG (Hi): 247...2100 kW	supply pressure: 24-360 mbar (NPG); 35,5-360 mbar (LPG)
TGB 600 ME TGB 800 ME	heat input - natural gas (Hi): 495...7296 kW heat input - natural gas (Hi): 815...8848 kW	supply pressure: 72-450 mbar supply pressure: 80-450 mbar

Hints of Utilization /Remarks

Verwendungshinweise / Bemerkungen

Electrical data: 230/400 VAC

Variations:: TBG...: one stage; TBG...P: two stage; TBG...PN: two stage modulating (pneumatic control); TBG...ME: two stage modulating (electronic control); TBG...MC: two stage progressive; TBG...-V: with fan speed control

Additionally tested appliance categories, supply pressures and countries of destination: CH, IS, BG, TR, HU, LT, LV, PL: I2R (14,2-450 mbar); MT: I3R (12,6-360 mbar); CH, IS, BG, TR, HU, LT, LV, PL: II2R3R (14,2-360, 12,6-360 mbar)

EG-Baumusterprüfbescheinigung

EC type examination certificate

CE-0085BS0067Produkt-Identnummer
product identification no.

Anwendungsbereich <i>field of application</i>	EG-Gasgeräte-richtlinie (2009/142/EG) <i>EC Gas Appliances Directive (2009/142/EC)</i>
Zertifikatinhaber <i>owner of certificate</i>	BALTUR S.p.A. Via Ferrarese, 10, I-44042 Cento (Ferrara)
Vertreiber <i>distributor</i>	BALTUR S.p.A. Via Ferrarese, 10, I-44042 Cento (Ferrara)
Produktart <i>product category</i>	Brenner für Heizkessel: Gasgebläsebrenner (3502)
Produktbezeichnung <i>product description</i>	Gasgebläsebrenner in Monoblockbauweise
Modell <i>model</i>	TBG ...
Bestimmungsländer <i>countries of destination</i>	AT, BE, BG, CH, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR
Prüfberichte <i>test reports</i>	Ergänzungsprüfung: GB1472009E2 vom 10.09.2009 (TRG) Ergänzungsprüfung: GB1482009E2 vom 10.09.2009 (TRG)
Prüfgrundlagen <i>test basis</i>	EU/2009/142/EG (30.11.2009) DIN EN 676 (01.11.2003)

Aktenzeichen
file number 09-0050-GEA

26.01.2011 Rie A-1/2

Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle
date, issued by, sheet, head of certification body

DVGW CERT GmbH - von der Deutschen Bundesregierung benannte und von der Europäischen Kommission offiziell registrierte Stelle für die Konformitätsbewertung von Gasgeräten

DVGW CERT GmbH - notified by the government of the Federal Republic of Germany and officially registered by the European Commission for conformity assessment of gas appliances

ZLS

ZLS-ZE-527/07

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Elektrische Daten: 230/400 V AC
electrical data

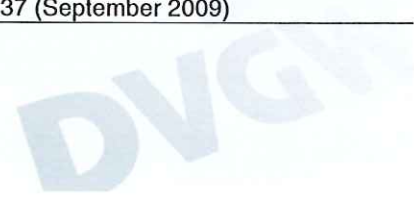
Gerätekatategorien <i>appliance categories</i>	Versorgungsdrücke <i>supply pressures</i>	Bestimmungsländer <i>countries of destination</i>	Bemerkungen <i>remarks</i>
I2H I2R	14,2-360 mbar 12,6-360 mbar	AT CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, NL, NO, PT, RO, SE, SI, SK	gemäß DIN EN 437 (September 2009)
II2H3B/P	14,2-360, 12,6-360 mbar	AT	nicht TBG...LX PN ME/-V
II2R3R	14,2-360, 12,6-360 mbar	CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, NL, NO, PT, RO, SE, SI, SK	gemäß DIN EN 437 (September 2009); nicht TBG...LX PN ME/-V

Typ <i>type</i>	Technische Daten <i>technical data</i>	Bemerkungen <i>remarks</i>
TBG 50 LX PN ME/-V	Wärmebelastung Erdgas (Hi): 89...485 kW	Anschlussdruck: 20-360 mbar
TBG 55	Wärmebelastung Flüssiggas (Hi): 92...555 kW	
TBG 55 P/PN/ME	Wärmebelastung Erdgas (Hi): 184...564 kW	Anschlussdruck: 20-360 mbar (NPG); 34-360 mbar (LPG)
TBG 80 LX PN ME/-V	Wärmebelastung Flüssiggas (Hi): 86...616 kW	Anschlussdruck: 20-360 mbar (NPG); 34-360 mbar (LPG)
TBG 85 P/PN/ME	Wärmebelastung Erdgas (Hi): 76...672 kW	Anschlussdruck: 25-360 mbar
TBG 110 LX PN ME/-V	Wärmebelastung Flüssiggas (Hi): 86...735 kW	Anschlussdruck: 20-360 mbar (NPG); 31-360 mbar (LPG)
TBG 120 P/PN/ME	Wärmebelastung Erdgas (Hi): 121...836 kW	Anschlussdruck: 38-360 mbar
TBG 140 LX PN ME/-V	Wärmebelastung Flüssiggas (Hi): 156...1350 kW	Anschlussdruck: 20-360 mbar (NPG); 34,5-360 mbar (LPG)
TBG 150 P/PN/ME	Wärmebelastung Erdgas (Hi): 152...1260 kW	Anschlussdruck: 40-360 mbar
TBG 210 P/PN/ME	Wärmebelastung Flüssiggas (Hi): 185...1560 kW	Anschlussdruck: 20-360 mbar (NPG); 46-360 mbar (LPG)
TBG 200 LX ME	Wärmebelastung Erdgas (Hi): 383...2150 kW	Anschlussdruck: 24-360 mbar (NPG); 35,5-360 mbar (LPG)
TBG 200 LX PN/-V	Wärmebelastung Flüssiggas (Hi): 247...2100 kW	Anschlussdruck: 45-360 mbar
TBG 45	Wärmebelastung Erdgas (Hi): 230...1941 kW	Anschlussdruck: 45-360 mbar
TBG 45 P/PN/ME	Wärmebelastung Flüssiggas (Hi): 89...485 kW	Anschlussdruck: 18,5-360 mbar (NPG); 22,5-360 mbar (LPG)
TBG 60	Wärmebelastung Erdgas (Hi): 82...547 kW	Anschlussdruck: 18,5-360 mbar (NPG); 22,5-360 mbar (LPG)
TBG 60 P/PN/ME	Wärmebelastung Flüssiggas (Hi): 92...555 kW	Anschlussdruck: 20-360 mbar (NPG); 29-360 mbar (LPG)
TBG 35	Wärmebelastung Erdgas (Hi): 103...682 kW	Anschlussdruck: 20-360 mbar (NPG); 29-360 mbar (LPG)
TBG 35 P	Wärmebelastung Flüssiggas (Hi): 85...676 kW	Anschlussdruck: 14,2-360 mbar (NPG); 25,8-360 mbar (LPG)
	Wärmebelastung Erdgas (Hi): 72...422 kW	Anschlussdruck: 15,4-360 mbar (NPG); 12,6-360 mbar (LPG)
	Wärmebelastung Flüssiggas (Hi): 65...427 kW	
	Wärmebelastung Erdgas (Hi): 77...412 kW	
	Wärmebelastung Flüssiggas (Hi): 73...424 kW	

Ausführungsvariante <i>type variation</i>	Erläuterungen <i>explanations</i>
TBG ...	einstufige Betriebsweise
TBG ... P	zweistufige Betriebsweise
TBG ... PN	zweistufig modulierende Betriebsweise (pneumatisch gesteuert)
TBG ... ME	zweistufig modulierende Betriebsweise (elektronisch gesteuert)
TBG ... LX	Low-NOX-Ausführung
...-V	mit Geschwindigkeitsregler für das Gebläse

Verwendungshinweise / Bemerkungen *hints of utilization / remarks*

Zusätzlich geprüfte Bestimmungsländer, Gerätekatategorien und Anschlussdrücke:
 CH, IS, BG, TR, HU, LT, LV, PL: I2R (14,2-360 mbar) gemäß DIN EN 437 (September 2009)
 MT: I3R (12,6-360 mbar) gemäß DIN EN 437 (September 2009)
 CH, IS, BG, TR, HU, LT, LV, PL: II2R3R (14,2-360, 12,6-360 mbar) gemäß DIN EN 437 (September 2009)



EC type examination certificate

EG-Baumusterprüfbescheinigung

CE-0085BS0067Product Identification No.
Produkt-Identnummer

Field of Application <i>Anwendungsbereich</i>	EC Gas Appliances Directive (2009/142/EC) <i>EG-Gasgeräte-Richtlinie (2009/142/EG)</i>
Owner of Certificate <i>Zertifikatinhaber</i>	BALTUR S.p.A. Via Ferrarese, 10, I-44042 Cento (Ferrara)
Distributor <i>Vertreiber</i>	BALTUR S.p.A. Via Ferrarese, 10, I-44042 Cento (Ferrara)
Product Category <i>Produktart</i>	Burners for boilers: Fan-assisted gas burner (3502)
Product Description <i>Produktbezeichnung</i>	Fan-assisted gas burner in monobloc construction
Model <i>Modell</i>	TBG ...
Countries of Destination <i>Bestimmungsländer</i>	AT, BE, BG, CH, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR
Test Reports <i>Prüfberichte</i>	supplement test: GB1472009E2 from 10.09.2009 (TRG) supplement test: GB1482009E2 from 10.09.2009 (TRG)
Test Basis <i>Prüfgrundlagen</i>	EU/2009/142/EG (30.11.2009) DIN EN 676 (01.11.2003)

File Number
Aktenzeichen 09-0050-GEA

26.01.2011 Rie A-1/2

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

DVGW CERT GmbH - notified by the government of the Federal Republic of Germany and officially registered by the European Commission for conformity assessment of gas appliances

DVGW CERT GmbH - von der Deutschen Bundesregierung benannte und von der Europäischen Kommission offiziell registrierte Stelle für die Konformitätsbewertung von Gasgeräten

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ZLS-ZE-527/07

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Electrical Data
Elektrische Daten

230/400 V AC

Appliance Categories <i>Gerätekategorien</i>	Supply Pressures <i>Versorgungsdrücke</i>	Countries of Destination <i>Bestimmungsländer</i>	Remarks <i>Bemerkungen</i>
I2H I2R	14,2-360 mbar 12,6-360 mbar	AT CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, NL, NO, PT, RO, SE, SI, SK	according to DIN EN 437 (September 2009)
II2H3B/P	14,2-360, 12,6-360 mbar	AT	not TBG...LX PN ME/-V
II2R3R	14,2-360, 12,6-360 mbar	CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, NL, NO, PT, RO, SE, SI, SK	according to DIN EN 437 (September 2009); not TBG...LX PN ME/-V

Type <i>Typ</i>	Technical Data <i>Technische Daten</i>	Remarks <i>Bemerkungen</i>
TBG 50 LX PN ME/-V	heat input - natural gas (Hi): 92...555 kW heat input - LPG (Hi): 92...555 kW	supply pressure: 20-360 mbar
TBG 55	heat input - natural gas (Hi): 184...564 kW heat input - LPG (Hi): 86...616 kW	supply pressure: 20-360 mbar (NPG); 34-360 mbar (LPG)
TBG 55 P/PN/ME	heat input - natural gas (Hi): 76...672 kW heat input - LPG (Hi): 86...735 kW	supply pressure: 20-360 mbar (NPG); 34-360 mbar (LPG)
TBG 80 LX PN ME/-V	heat input - natural gas (Hi): 121...836 kW	supply pressure: 25-360 mbar
TBG 85 P/PN/ME	heat input - natural gas (Hi): 119...882 kW heat input - LPG (Hi): 157...810 kW	supply pressure: 20-360 mbar (NPG); 31-360 mbar (LPG)
TBG 110 LX PN ME/-V	heat input - natural gas (Hi): 125...1262 kW	supply pressure: 38-360 mbar
TBG 120 P/PN/ME	heat input - natural gas (Hi): 156...1350 kW heat input - LPG (Hi): 152...1260 kW	supply pressure: 20-360 mbar (NPG); 34,5-360 mbar (LPG)
TBG 140 LX PN ME/-V	heat input - natural gas (Hi): 185...1560 kW	supply pressure: 40-360 mbar
TBG 150 P/PN/ME	heat input - natural gas (Hi): 170...1600 kW heat input - LPG (Hi): 192...1754 kW	supply pressure: 20-360 mbar (NPG); 46-360 mbar (LPG)
TBG 210 P/PN/ME	heat input - natural gas (Hi): 383...2150 kW heat input - LPG (Hi): 247...2100 kW	supply pressure: 24-360 mbar (NPG); 35,5-360 mbar (LPG)
TBG 200 LX ME	heat input - natural gas (Hi): 230...1941 kW	supply pressure: 45-360 mbar
TBG 200 LX PN/-V	heat input - natural gas (Hi): 473...1941 kW	supply pressure: 45-360 mbar
TBG 45	heat input - natural gas (Hi): 89...485 kW heat input - LPG (Hi): 82...547 kW	supply pressure: 18,5-360 mbar (NPG); 22,5-360 mbar (LPG)
TBG 45 P/PN/ME	heat input - natural gas (Hi): 89...485 kW heat input - LPG (Hi): 92...555 kW	supply pressure: 18,5-360 mbar (NPG); 22,5-360 mbar (LPG)
TBG 60	heat input - natural gas (Hi): 103...682 kW heat input - LPG (Hi): 114...676 kW	supply pressure: 20-360 mbar (NPG); 29-360 mbar (LPG)
TBG 60 P/PN/ME	heat input - natural gas (Hi): 103...682 kW heat input - LPG (Hi): 85...676 kW	supply pressure: 20-360 mbar (NPG); 29-360 mbar (LPG)
TBG 35	heat input - natural gas (Hi): 72...422 kW heat input - LPG (Hi): 65...427 kW	supply pressure: 14,2-360 mbar (NPG); 25,8-360 mbar (LPG)
TBG 35 P	heat input - natural gas (Hi): 77...412 kW heat input - LPG (Hi): 73...424 kW	supply pressure: 15,4-360 mbar (NPG); 12,6-360 mbar (LPG)

type variation <i>Ausführungsvariante</i>	explanations <i>Erläuterungen</i>
TBG ...	one stage operating
TBG ... P	two stage operating
TBG ... PN	two stage modulation operating (pneumatic control)
TBG ... ME	two stage modulation operating (electronic control)
TBG ... LX	Low-NOX-version
...-V	with fan speed controller

hints of utilization / remarks
Verwendungshinweise / Bemerkungen

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

CH, IS, BG, TR, HU, LT, LV, PL: I2R (14,2-360 mbar) according to DIN EN 437 (September 2009)

MT: I3R (12,6-360 mbar) according to DIN EN 437 (September 2009)

CH, IS, BG, TR, HU, LT, LV, PL: II2R3R (14,2-360, 12,6-360 mbar) according to DIN EN 437 (September 2009)

DVGW