

EG-Baumusterprüfbescheinigung**EC type examination certificate****CE-0085BS0045**Produkt-Identnummer
product identification no.

Anwendungsbereich <i>field of application</i>	EG-Wirkungsgradrichtlinie (92/42/EWG) <i>EC Efficiency Directive (92/42/EEC)</i>
Zertifikatinhaber <i>owner of certificate</i>	BOSCH TERMOTEKNIK SANAYI VE TICARET A.S. Organize Sanayi Bölgesi, TR-45030 Manisa
Vertreiber <i>distributor</i>	BOSCH TERMOTEKNIK SANAYI VE TICARET A.S. Organize Sanayi Bölgesi, TR-45030 Manisa
Produktart <i>product category</i>	Boilers: Combi water heater (3103)
Produktbezeichnung <i>product description</i>	Wall hanging combi water heater optionally also as central water heater
Modell <i>model</i>	ZC/ZSC/ZWC/ZWSE ... MFK/MFKP
Heizkesseltyp <i>type of boiler</i>	standard-/low-temperature boiler
Prüfberichte <i>test reports</i>	supplement test: 08/04/1037 EU from 04.04.2008 (DBI)
Prüfgrundlagen <i>basis of type examination</i>	EU/92/42 (21.05.1992)
Aktenzeichen <i>file number</i>	08-0248-GWA

05.06.2008 Rie A-1/2
Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle
date, issued by, sheet, head of certification bodyDVGW CERT GmbH - vom Deutschen Institut für Bautechnik (DIBt) nach dem
Bauproduktengesetz anerkannte und bei der Europäischen Kommission benannte
Zertifizierungsstelle für die EG-Heizkessel-WirkungsgradrichtlinieDVGW 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**DIBt**

ZP 42

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Type <i>type</i>	Technische Daten <i>technical data</i>	Energieeffizienzkennz. <i>energy labelling</i>
ZC/ZSC/ZWC 24-3 MFK/MFKP; ZWSE 24-6 MFK	heat output: 7,3...24,0 kW heat input - natural gas (Hi): 8,4...26,7; 7,7...24,6 (13 mbar) kW heat input - LPG (Hi): 8,4...26,7; 8,1...25,8 (G30) kW	**
ZC/ZSC/ZWC 28-3 MFK/MFKP; ZWSE 28-6 MFK	heat output: 8,6...28,1 kW heat input - natural gas (Hi): 9,8...31,3; 9,4...30,0 (13 mbar) kW heat input - LPG (Hi): 9,8...30,1 (G30); 9,8...31,3 (G31) kW	**
ZC/ZSC/ZWC 18-3 MFK	heat output: 5,5...18,0 kW heat input (Hi): 6,2...20,1 kW	**
ZC/ZSC/ZWC 24-3 MFK	heat output: 11,0...24,0 (G20); 11,0...23,2 (G30) kW heat input - natural gas (Hi): 12,3...26,7 kW heat input - LPG (Hi): 12,3...25,8 kW	**
ZC/ZSC/ZWC 24/28-3 MFK	heat output: 7,3...24,0; 7,3...28,1 (domestic water) kW heat input (Hi): 8,4...26,7; 8,4...31,3 (domestic water) kW	**
ZC/ZSC/ZWC 28-3 MFK	heat output: 12,7...28,1 (G20); 12,7...27,1 (G30) kW heat input - natural gas (Hi): 14,2...31,3 kW heat input - LPG (Hi): 14,2...30,1 kW	**

Verwendungshinweise / Bemerkungen

hints of utilization / remarks

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-0085BS0045 according to the Gas Appliance Directive (90/396/EEC).

DVGW

EG-Baumusterprüfbescheinigung

EC type examination certificate

CE-0085BS0045Produkt-Identnummer
product identification no.

Anwendungsbereich <i>field of application</i>	EG-Gasgeräte-richtlinie (90/396/EWG) <i>EC Gas Appliances Directive (90/396/EEC)</i>
Zertifikatinhaber <i>owner of certificate</i>	BOSCH TERMOTEKNIK SANAYI VE TICARET A.S. Organize Sanayi Bölgesi, TR-45030 Manisa
Vertreiber <i>distributor</i>	BOSCH TERMOTEKNIK SANAYI VE TICARET A.S. Organize Sanayi Bölgesi, TR-45030 Manisa
Produktart <i>product category</i>	Boilers: Combi water heater (3103)
Produktbezeichnung <i>product description</i>	Wall hanging combi water heater optionally also as central water heater
Modell <i>model</i>	ZC/ZSC/ZWC/ZWSE ... MFK/MFKP
Bestimmungsländer <i>countries of destination</i>	AZ, BE, CS, CZ, EE, ES, FR, GE, GR, HR, HU, IR, IT, LT, LV, PL, PT, RO, RU, SI, SK, TR, UA
Prüfberichte <i>test reports</i>	supplement test: 08/04/1037 EU from 04.04.2008 (DBI)
Prüfgrundlagen <i>basis of type examination</i>	EU/90/396/EWG (29.06.1990) DIN EN 297 (01.10.2005)
Aktenzeichen <i>file number</i>	08-0248-GEA

05.06.2008 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 V AC, 50 Hz, P = 160 VA, IPX4D
electrical data

Gerätekatategorien <i>appliance categories</i>	Versorgungsdrücke <i>supply pressures</i>	Bestimmungsländer <i>countries of destination</i>	Bemerkungen <i>remarks</i>
I2E+	20/25 mbar	BE	
I3+	28-30/37 mbar	BE	
II2E LwLs3B/P	20,20,13, 37 mbar	PL	
II2E+3+	20/25, 28-30/37 mbar	FR	
II2H3+	20, 28-30/37 mbar	ES, IT, PT	
II2H3B/P	20, 30 mbar	CZ, GR, IT, RO, SK, TR	
II2H3P	20, 37 mbar	CZ	
II2H3P	20, 50 mbar	CZ	
II2HS3B/P	25, 30 mbar	HU	
II2HS3B/P	25, 50 mbar	HU	

Installationsarten <i>installation codes</i>	Bestimmungsländer <i>countries of destination</i>	Bemerkungen <i>remarks</i>
B11	AZ, BE, CS, CZ, EE, ES, FR, GE, GR, HR, HU, IR, IT, LT, LV, PL, PT, RO, RU, SI, SK, TR, UA	
B11BS	AZ, BE, CS, CZ, EE, ES, FR, GE, GR, HR, HU, IR, IT, LT, LV, PL, PT, RO, RU, SI, SK, TR, UA	

Typ <i>type</i>	Technische Daten <i>technical data</i>	Bemerkungen <i>remarks</i>
ZC/ZSC/ZWC 24-3 MFK/MFKP; ZWSE 24-6 MFK	heat output: 7,3...24,0 kW heat input - natural gas (Hi): 8,4...26,7; 7,7...24,6 (13 mbar) kW heat input - LPG (Hi): 8,4...26,7; 8,1...25,8 (G30) kW	heat output: 6,7...22,0 kW (G20, 13 mbar); 7,1...23,2 (G30)
ZC/ZSC/ZWC 28-3 MFK/MFKP; ZWSE 28-6 MFK	heat output: 8,6...28,1 kW heat input - natural gas (Hi): 9,8...31,3; 9,4...30,0 (13 mbar) kW heat input - LPG (Hi): 9,8...30,1 (G30); 9,8...31,3 (G31) kW	heat output: 8,3...27,0 kW (G20, 13 mbar); 8,6...27,1/28,1 (G30/GZ41,5A); 8,4...27,0 kW (GZ35A); heat input (Hi): 9,6/9,8...30,0/31,3 kW (GZ35A/41,5A)
ZC/ZSC/ZWC 18-3 MFK	heat output: 5,5...18,0 kW heat input (Hi): 6,2...20,1 kW	
ZC/ZSC/ZWC 24-3 MFK	heat output: 11,0...24,0 (G20); 11,0...23,2 (G30) kW heat input - natural gas (Hi): 12,3...26,7 kW heat input - LPG (Hi): 12,3...25,8 kW	only for IT
ZC/ZSC/ZWC 24/28-3 MFK	heat output: 7,3...24,0; 7,3...28,1 (domestic water) kW heat input (Hi): 8,4...26,7; 8,4...31,3 (domestic water) kW	only for ES and PT
ZC/ZSC/ZWC 28-3 MFK	heat output: 12,7...28,1 (G20); 12,7...27,1 (G30) kW heat input - natural gas (Hi): 14,2...31,3 kW heat input - LPG (Hi): 14,2...30,1 kW	only for IT

Ausführungsvariante <i>type variation</i>	Erläuterungen <i>explanations</i>
ZC...	central water heater
ZSC...; ZWSE...	with hot drinking water storage
ZWC...	combi water heater
...MFKP	with smaller secondary plate heat exchanger for drinking water heating

Verwendungshinweise / Bemerkungen *hints of utilization / remarks*

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

LT, LV, EE, HR, SI: II2H3+ (20; 28-30/37 mbar)
 AZ, GE, RU, UA: II2H3B/P (13, 30 mbar) and II2H3B/P (20, 30 mbar)
 IR: II2H3B/P (20, 30 mbar)
 CS: II2H3B/P (25, 30 mbar)

In Azerbaijan, Georgia, Croatia, Serbia Montenegro, in the Ukraine, in Iran and in the Russian Federation the CE-marking will be accepted as conformaty approval if the Gas Appliance Directive (90/396/EEC) is transferred into national law by Azerbaijan, Georgia, Croatia, Serbia Montenegro, Ukraine, Iran and Russian Federation.

The appliances are sold with the trade marks Junkers, e.l.m Leblanc, Bosch and Vulcano.