

EU type examination certificate**EU-Baumusterprüfbescheinigung****CE-0085CM0128**Product Identification No.
Produkt-Identnummer

Field of Application <i>Anwendungsbereich</i>	EU Gas Appliances Regulation (EU/2016/426) <i>EU-Gasgeräteverordnung (EU/2016/426)</i>
Distributor <i>Vertreiber</i>	Baxi Calefaccion S.L.U. C/ Lopez de Hoyos, 35 CP, E-28002 Madrid
Product Category <i>Produktart</i>	Boilers with flue systems: Condensing water heater (3202)
Product Description <i>Produktbezeichnung</i>	Condensing water heater with full automatic burner control, gas/combustion-air ratio control and secondary heat exchanger
Model <i>Modell</i>	BIOS PLUS -...F; GMB PLUS...
Countries of Destination <i>Bestimmungsländer</i>	AL, AT, BE, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IT, LT, LU, LV, MK, NL, NO, PL, PT, RO, SE, SI, SK, TR
Test Reports <i>Prüfberichte</i>	supplement test: 21-00323-AB02-033 from 12.11.2021 (EBI)
Test Basis <i>Prüfgrundlagen</i>	EU/2016/426 A III B (09.03.2016) DIN EN 15502-1 (01.10.2015) DIN EN 15502-2-1 (01.09.2017) DVGW CERT ZP 3100 (07.10.2020)
Date of Expiry / File No. <i>Ablaufdatum / AZ</i>	23.03.2028 / 22-0079-GEA

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25.02.2022 Kö B-1/2

Date, Issued by, Sheet, Head of Certification Body
Datum, Bearbeiter, Blatt, Leiter der ZertifizierungsstelleDeutsche
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Elektrical Data
Elektrische Daten

230 V AC, 50 Hz, IPX5D

Appliance Categories <i>Gerätekategorien</i>	Supply Pressures <i>Versorgungsdrücke</i>	Countries of Destination <i>Bestimmungsländer</i>	Remarks <i>Bemerkungen</i>
I2E(S)	20/25 mbar	BE	
I3P	37 mbar	BE	
II2E3P	20, 50 mbar	LU	
II2ELw3P	20, 37 mbar	PL	
II2Esi3P	20/25, 37 mbar	FR	
II2H3P	20, 30 mbar	DK, EE, FI, LT, LV, NO, RO, SE, SI	
II2H3P	20, 37 mbar	CZ, ES, GB, GR, HR, IE, IT, PT, SK, TR	
II2H3P	20, 50 mbar	AT	
II2HM3P	20, 37 mbar	IT	
II2HS3P	25, 37 mbar	HU	
II2L3P	25, 37 mbar	NL	

Type <i>Typ</i>	Technical Data <i>Technische Daten</i>	Remarks <i>Bemerkungen</i>
BIOS PLUS -50 F	nominal heat output: 5,0...45,0 kW heat input (Hi): 5,1...46,3 kW	
BIOS PLUS -70 F	nominal heat output: 7,2...65,0 kW heat input (Hi): 7,4...66,9 kW	
BIOS PLUS -90 F	nominal heat output: 9,4...85,0 (natural gas); 12,2...85,0 (LPG) kW heat input - natural gas (Hi): 9,7...87,4 kW heat input - LPG (Hi): 12,5...87,4 kW	
BIOS PLUS -110 F	nominal heat output: 11,4...102,0 kW heat input (Hi): 11,7...104,9 kW	
BIOS PLUS -130 F	nominal heat output: 24,3...121,5 (natural gas); 34,7...121,5 (LPG) kW heat input (Hi): 24,8...123,8 (natural gas); 35,4...123,8 (LPG) kW	
BIOS PLUS -150 F	nominal heat output: 28,1...140,3 (natural gas); 40,0...140,3 (LPG) kW heat input (Hi): 28,6...143,0 (natural gas); 40,9...143,0 (LPG) kW	
5 x BIOS PLUS -90 F	nominal heat output: 9,4...425,0 kW heat input (Hi): 9,7...437,0 kW	cascade
4 x BIOS PLUS -110 F	nominal heat output: 11,4...408,0 kW heat input (Hi): 11,7...419,6 kW	cascade
GMB PLUS...	nominal heat output: maximal 841,8 (LPG and natural gas) kW heat input (Hi): maximal 858,0 (LPG and natural gas) kW	only for ES and PT, refer to Remarks
4 x BIOS PLUS -130 F	nominal heat output: 36,3...486,0 kW nominal heat input (Hi): 37,0...495,2 kW	cascade
3 x BIOS PLUS -150 F	nominal heat output: 45,2...420,9 kW nominal heat input (Hi): 46,0...429,0 kW	cascade
4 x BIOS PLUS -150 F	nominal heat output: 45,2...561,2 kW nominal heat input (Hi): 46,0...572,0 kW	cascade

Hints of Utilization /Remarks
Verwendungshinweise / Bemerkungen

Flue types for BIOS PLUS ...: B23, B23P, C13, C33, C43, C53, C63, C83, C93 according to "installation manual BIOS PLUS -..."

Flue type for GMB PLUS ...: B23 according to "installation manual GMB PLUS"

The boilers „GMB PLUS“ consisting of maximum 6 boilers BIOS PLUS -50 F up to BIOS PLUS -150F, which are connected only on hydraulic side as cascade. In one cascade are maximum 2 different boiler types allowed.

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

CY: II2H3P (20, 30 mbar)

AL, BG, MK: II2H3P (20, 37 mbar)

In the non-EU countries the conformity approval will be accepted if the Gas Appliance Regulation EU/2016/426 is transferred into national law by this countries.

The boilers BIOS PLUS -50 F, BIOS PLUS -70 F, BIOS PLUS -90 F, BIOS PLUS -110 F, BIOS PLUS -130 F and BIOS PLUS -150 F are qualified for the addition of up to 20 vol.-% hydrogen to natural gas (G20) as burning gas according to DVGW CERT ZP 3100.