

C E 0085



CERT

## EU type examination certificate

### EU-Baumusterprüfbescheinigung

CE-0085DL0336

Product Identification No.  
Produkt-Identnummer

<b>Field of Application</b> <i>Anwendungsbereich</i>	EU Gas Appliances Regulation (EU/2016/426) <i>EU-Gasgeräteverordnung (EU/2016/426)</i>
<b>Distributor</b> <i>Vertreiber</i>	BDR THERMEA France S.A.S. 57, rue de la Gare, F-67580 Mertzwiller
<b>Product Category</b> <i>Produktart</i>	Boilers with flue systems: Condensing combi water heater (3204)
<b>Product description</b> <i>Produktbezeichnung</i>	Condensing combi water heater optional also as water heater
<b>Model</b> <i>Modell</i>	MCR 2...; MCR4...; VIVADENS...; Virtuens...
<b>Countries of Destination</b> <i>Bestimmungsländer</i>	AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IT, LT, LU, LV, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR
<b>Test reports</b> <i>Prüfberichte</i>	Supplement test: 20-00237-AB04-033 from 18.12.2023 (EBI) Supplement test: 20-00237-AB05-033 from 18.12.2023 (EBI) Supplement test: 20-00237-AB06-033 from 18.12.2023 (EBI)
<b>Test basis</b> <i>Prüfgrundlagen</i>	EU/2016/426 A III G (09.03.2016) DIN EN 15502-1 (01.02.2022) DIN EN 15502-2-1 (01.11.2022) DVGW CERT ZP 3100-20 (01.12.2022)
<b>Date of Expiry / File No.</b> <i>Ablaufdatum / AZ</i>	24.07.2030 / 23-0610-GER



27.03.2024 Ca E-1/2

*Handwritten signature and date: J.A. 20.7.24*

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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**Elektrical Data** 230 V AC, 50 Hz, IPX5D  
**Elektrische Daten**

Appliance Categories <i>Geräteategorien</i>	Supply Pressures <i>Versorgungsdrücke</i>	Countries of Destination <i>Bestimmungsländer</i>	Remarks <i>Bemerkungen</i>
I2N	20 mbar	BE	
I3B/P	30 mbar	CY	
I3B/P	37 mbar	BE	
I12E3B/P	20, 30 mbar	LU	
I12EK3B/P	20/25, 30 mbar	NL	
I12EK3P	20/25, 30 mbar	NL	
I12ELw3B/P	20, 37 mbar	PL	only for types ...30... and ...35...
I12ELwLs3B/P	20,20,13, 37 mbar	PL	only for type ...24
I12Er3P	20/25, 37 mbar	FR	
I12H3B/P	20, 30 mbar	CH, CZ, EE, FI, GB, GR, HR, IE, IT, LT, LV, NO, RO, SE, SK, TR	
I12H3B/P	20, 50 mbar	AT	
I12H3P	20, 37 mbar	CH, CZ, EE, ES, FI, FR, GB, GR, HR, IE, IT, LT, LV, NO, PT, RO, SE, SI, SK, TR	
I12H3P	20, 50 mbar	AT	
I12HM3B/P	20, 30 mbar	IT	
I12HM3P	20, 37 mbar	IT	
I12HS3B/P	25, 30 mbar	HU	

Type <i>Typ</i>	Technical Data <i>Technische Daten</i>	Remarks <i>Bemerkungen</i>
MCR 2 24	Nominal heat output: 2,4...24,0 kW Heat input (Hi): 2,5...24,7 (drinking water: ...24,7) kW	
VIVADENS Smart 32; VIVADENS Smart 32/35 MI; Virtuens Smart 32	Nominal heat output: 3,4...32,0 kW Heat input (Hi): 3,5...33,0 (drinking water: ...34,9) kW	
MCR 2 28 BIC	Nominal heat output: 2,8...24,0 kW Heat input (Hi): 2,9...24,7 (drinking water: ...28,9) kW	
MCR 2 30 MI; MCR 2 XL 30 MI	Nominal heat output: 3,0...20,0 kW Heat input (Hi): 3,1...20,6 (drinking water: ...31,0) kW	
MCR 2 35 MI; MCR 2 35 BIC; MCR4 24/35 BIC; MCR 2 XL 35 BIC; MCR 2 XL 35 MI	Nominal heat output: 3,5...24,0 kW Heat input (Hi): 3,6...24,7 (drinking water: ...36,0) kW	
MCR 2 XL 35; MCR4 32; MCR4 32/35 MI	Nominal heat output: 3,5...32,0 kW Heat input (Hi): 3,6...33,0 (drinking water: ...36,0) kW	
MCR 2 XL 25; MCR4 24; MCR4 24/29 MI;	Nominal heat output: 3,0...24,0 kW Heat input (Hi): 3,1...24,7 (drinking water: ...30,0) kW	
MCR4 19; MCR4 19/20 MI	Nominal heat output: 2,4...19,0 kW Heat input (Hi): 2,5...19,6 (drinking water: ...20,6) kW	
Virtuens Smart 15	Nominal heat output: 2,4...15,0 kW Heat input (Hi): 2,5...15,4 (drinking water: ...20,6) kW	
VIVADENS Smart 24; VIVADENS Smart 24/29 MI; Virtuens Smart 24; Virtuens Smart 24/29 MI	Nominal heat output: 3,0...24,0 kW Heat input (Hi): 3,1...24,7 (drinking water: ...30,0) kW	
VIVADENS Smart 24/35 BIC	Nominal heat output: 3,4...24,0 kW Heat input (Hi): 3,5...24,7 (drinking water: ...34,9) kW	

### Hints of Utilization /Remarks

#### Verwendungshinweise / Bemerkungen

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

AL, BG, ES, MK, PT: I12H3B/P (20, 30 mbar); AL, BG, MK: I12H3P (20, 37 mbar); DE: I12N3B/P (20, 50 mbar);

FR: I12Er3B/P (20/25, 37 mbar); MK: I3B/P (30 mbar)

flue types B23, B23P, B33, C13(x), C33(x), C43(x), C43P, C83P, C53(x), C63(x), C83(x), C93(x), C(10)3(x), C(11)3(x), C(12)3(x), C(13)3(x), C(15)3(x): according to installation manual with flue systems of Centrotherm Sustainable AG (0036 cpr 9169); Coxgeelen BV (0036 cpr 91367); Pojoulat SA (2592 cpr 0022); Sit Spa (0476 cpr 8045); Skoberne GmbH (0036 cpr 9184); M&G Group Europe BV (0432 cpr 00182); Panflex BV (0407 cpr 1264)

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 recognition of the CE mark in the United Kingdom is currently limited to December 31st, 2024.

The boilers are qualified for the addition of up to 20 vol.-% hydrogen to natural gas (G20; G25.3) as burning gas according to DVGW CERT ZP 3100.