

C € 0085



CERT

## EU type examination certificate

### EU-Baumusterprüfbescheinigung

**CE-0085CU0338**

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>	Remeha B.V. Marchantstraat 55, NL-7332 AZ Apeldoorn
<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
<b>Model</b> <i>Modell</i>	Avanta Ace...
<b>Countries of Destination</b> <i>Bestimmungsländer</i>	AL, AT, BE, BG, CH, CY, CZ, DE, EE, ES, FI, FR, GB, GR, HR, HU, IE, IT, LT, LU, LV, MK, NL, NO, PL, PT, RO, SE, SI, SK, TR
<b>Test Reports</b> <i>Prüfberichte</i>	supplement test: 20-00569-AB02-033 from 24.09.2021 (EBI)
<b>Test Basis</b> <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)
<b>Date of Expiry / File No.</b> <i>Ablaufdatum / AZ</i>	17.09.2029 / 21-0644-GER



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11.11.2021 Kö K-1/2

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



Deutsche  
Akkreditierungsstelle  
D-ZE-16028-01-01

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

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	
I3B/P	30 mbar	CY	
I3B/P	37 mbar	BE	
I12E3B/P	20, 30 mbar	LU	
I12E3P	20, 30 mbar	LU	
I12EK3B/P	20/25, 30 mbar	NL	
I12EK3P	20/25, 30 mbar	NL	
I12ELL3B/P	20, 50 mbar	DE	
I12ELwLs3B/P	20,20,13, 37 mbar	PL	
I12Esi3B/P	20/25, 37 mbar	FR	
I12Esi3P	20/25, 37 mbar	FR	
I12H3B/P	20, 30 mbar	CH, CZ, EE, FI, GB, GR, HR, IE, IT, LT, LV, NO, RO, SE, SI, SK, TR	
I12H3B/P	20, 50 mbar	AT	
I12H3P	20, 37 mbar	CH, CZ, EE, ES, FI, 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>
Avanta Ace 24c; Avanta Ace 24c CCS	nominal heat output: 4,8...20,0 kW heat input (Hi): 4,9...20,6 (drinking water: ...24,7) kW	
Avanta Ace 24s	nominal heat output: 4,8...23,3 kW heat input (Hi): 4,9...24,0 (drinking water: ...24,7) kW	
Avanta Ace 28c; Avanta Ace 28c CCS	nominal heat output: 5,8...24,0 kW heat input (Hi): 6,0...24,7 (drinking water: ...28,9) kW	
Avanta Ace 35c; Avanta Ace 35c CCS	nominal heat output: 7,0...30,0 kW heat input (Hi): 7,2...30,9 (drinking water: ...36,0 resp. for IT ...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)

MK: I3B/P (30 mbar)

flue types B23, B23P, B33, C13(x), C33(x), C43(x), C43P, C53(x), C63(x), C83(x), C93(x), C(10)3(x), C(11)3(x), C(12)3(x): according to installation manual with flue systems of SIT (approval no. 0476-CPR-8045), Groppalli (approval no. 2592-CPR-0001), CENTROTEC SUSTAINABLE AG (approval no. 0036 CPR 9169 003), COXGEELEN BV (approval no. 0036 CPR 91367 001), POUJOULAT S.A. (approval no. 2592-CPR-0022), SKOBERNE GmbH (approval no. 0036 CPR 9184 001), M&G GROUP EUROPE B.V. (approval no. 0432-CPR-00182) and PANFLEX B.V. (approval no. 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 Januar 1st, 2023.

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

The boilers was tested for the addition of up to 20 vol.-% hydrogen to natural gas (G25.3) as burning gas according to chapters 8.6.2, 8.7, 8.11.5.2.2, 8.11.5.2.5, 8.11.7 und 8.12.3.2 of DVGW CERT ZP 3100 with positiv results.