

CE 0085



CERT

**EU type examination certificate**  
**EU-Baumusterprüfbescheinigung**

**CE-0085CU0338**  
Product Identification No.  
Produkt-Identnummer

|   |  |
|---|--|
| <b>Field of Application</b><br><i>Anwendungsbereich</i>     | EU Gas Appliances Regulation (EU/2016/426)<br><i>EU-Gasgeräteverordnung (EU/2016/426)</i>  |
| <b>Distributor</b><br><i>Vertreiber</i>                     | Remeha B.V.<br>Marchantstraat 55, NL-7332 AZ Apeldoorn   |
| <b>Product Category</b><br><i>Produktart</i>                | Boilers with flue systems: Condensing combi water heater (3204)  |
| <b>Product Description</b><br><i>Produktbezeichnung</i>     | Condensing combi water heater  |
| <b>Model</b><br><i>Modell</i>                               | Avanta Ace...  |
| <b>Countries of Destination</b><br><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><br><i>Prüfberichte</i>                  | supplement test: 20-00569-033 from 26.01.2021 (EBI)  |
| <b>Test Basis</b><br><i>Prüfgrundlagen</i>                  | EU/2016/426 A III B (09.03.2016)<br>DIN EN 15502-1 (01.10.2015)<br>DIN EN 15502-2-1 (01.09.2017)<br>DVGW CERT ZP 3100 (07.10.2020) |

**Date of Expiry / File No.** 17.09.2029 / 20-0837-GEA  
**Ablaufdatum / AZ**

7000144-DE

16.03.2021 Rie K-1/2

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



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

| <b>Appliance Categories</b><br><i>Gerätekatégorien</i> | <b>Supply Pressures</b><br><i>Versorgungsdrücke</i> | <b>Countries of Destination</b><br><i>Bestimmungsländer</i>                      | <b>Remarks</b><br><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,<br>IE, IT, LT, LV, NO, RO, SE, SI,<br>SK, TR         |                                      |
| I12H3B/P   | 20, 50 mbar   | AT   |                                      |
| I12H3P   | 20, 37 mbar   | CH, CZ, EE, ES, FI, GB, GR,<br>HR, IE, IT, LT, LV, NO, PT, RO,<br>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   |                                      |

| <b>Type</b><br><i>Typ</i>             | <b>Technical Data</b><br><i>Technische Daten</i>   | <b>Remarks</b><br><i>Bemerkungen</i> |
|---------------------------------------|--|--------------------------------------|
| Avanta Ace 24c; Avanta Ace<br>24c CCS | nominal heat output: 4,8...20,0 kW<br>heat input (Hi): 4,9...20,6 (drinking water: ...24,7) kW |                                      |
| Avanta Ace 28c; Avanta Ace<br>28c CCS | nominal heat output: 5,8...24,0 kW<br>heat input (Hi): 6,0...24,7 (drinking water: ...28,9) kW |                                      |
| Avanta Ace 35c; Avanta Ace<br>35c CCS | nominal heat output: 7,0...30,0 kW<br>heat input (Hi): 7,2...30,9 (drinking water: ...36,0) 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), Gropalli (approval no. 2592-CPR-0001), CENTROTEC SUSTAINABLE AG (approval no. 0036 CPR 9169 003), COXGEELEN BV (approval no. 0036 CPR 91367 001), POUJOLAT 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 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.