



## EU DECLARATION OF CONFORMITY

Company Name and Address: Ferroli S.p.A.  
Via Ritonda 78/A  
IT – 37047 San Bonifacio (VR) Italy  
Tel.: +39 045 6139411  
Email: info@ferroli.com

The declaration of conformity is issued under the sole responsibility of Ferroli S.p.A.

Appliance type: CONDENSING BOILER

Trademark: FERROLI

Identification of products:

BLUEHELIX HITECH RRT 28 K 50 - BLUEHELIX HITECH RRT 34 K 50

The listed products satisfy the essential requirements of the relevant Directives, Regulations and Standards:

2016/426 EU GAR Regulation

92/42/EEC - BED Directive

2014/35/EU - LVD Directive

2014/30/EU - EMC Directive

2009/125/EC ERP Directive

2017/1369/EU – ENERGY LABELLING Regulation

2012/19/EU – WEEE Directive

2011/65/EU and (EU) 2015/863 – RoHS Directive

(EC) No 1907/2006 – REACH Regulation

### GAR and BED

DIN EN 15502-1:02/2022 - DIN EN 15502-2-1:11/2022

### EMC

EN 55014-1:2017 - EN 55014-2:2015

EN 61000-3-2:2019 - EN 61000-3-3:2013

### LVD

EN 60335-2-102:2016

PIN N°: CE-0085CT0650  
Notified Body: 0085  
Certificate issued by: DVGW CERT GmbH  
Address: Josef-Wirmer Straße 1-3 D-53123 Bonn  
Type examination report: K 3026 2023 B23 and K 3026 2023 E22  
Issued by: TÜV Rheinland Energy GmbH  
Address: Am Grauen Stein, D-51105 Köln

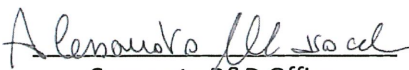
Any change to the appliance and/or any use not according to the instructions will lead the invalidation of this Declaration of Conformity.



San Bonifacio, 05/05/2023  
(Place, date)



www.ferroli.com

  
Corporate R&D Officer  
Alessandro Marocco

  
Country Manager  
Riccardo Bottura

**EC type examination certificate**  
**EG-Baumusterprüfbescheinigung**

**CE-0085CT0650**

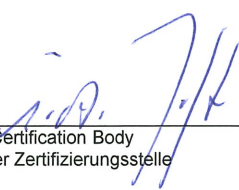
Product Identification No.  
 Produkt-Identnummer

<b>Field of Application</b> <i>Anwendungsbereich</i>	EC Efficiency Directive (92/42/EEC) <i>EG-Wirkungsgradrichtlinie (92/42/EWG)</i>
<b>Owner of Certificate</b> <i>Zertifikatinhaber</i>	Ferrolì S.p.A. Via Ritonda 78A, I-37047 San Bonifacio (VR)
<b>Distributor</b> <i>Vertreiber</i>	Ferrolì S.p.A. Via Ritonda 78A, I-37047 San Bonifacio (VR)
<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 condensing water heater
<b>Model</b> <i>Modell</i>	BLUEHELIX HITECH RRT...; OMNIA S HYBRID...
<b>Type of Boiler</b> <i>Heizkesseltyp</i>	condensing boiler
<b>Test Reports</b> <i>Prüfberichte</i>	supplement test: K 3026 2022 B17 from 29.06.2022 (TRG)
<b>Test Basis</b> <i>Prüfgrundlagen</i>	EU/92/42 (21.05.1992)
<b>File Number</b> <i>Aktenzeichen</i>	22-0224-GWR



702028-01-A-DE

01.09.2022 Pz A-1/2  
 Date, Issued by, Sheet, Head of Certification Body  
 Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle




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<b>Type</b> <b>Typ</b>	<b>Technical Data</b> <b>Technische Daten</b>	<b>Energy Labelling</b> <b>Energieeffizienzkenzeichnung</b>
BLUEHELIX HITECH RRT 24 C	nominal heat output: 2,8...24,5 kW heat input (Hi): 2,9...25,0 (DHW.: ...25,0) kW	
BLUEHELIX HITECH RRT 28 C/K 50	nominal heat output: 2,8...28,0 kW heat input (Hi): 2,9...28,5 (DHW.: ...28,5) kW	
BLUEHELIX HITECH RRT 34 C/K 50	nominal heat output: 2,8...34,0 kW heat input (Hi): 2,9...34,7 (DHW.: ...34,7) kW	
BLUEHELIX HITECH RRT 18 H/S	nominal heat output: 2,8...18,0 kW heat input (Hi): 2,9...18,4 kW	
BLUEHELIX HITECH RRT 28 H/S	nominal heat output: 2,8...28,0 kW heat input (Hi): 2,9...28,5 kW	
BLUEHELIX HITECH RRT 34 H/S	nominal heat output: 2,8...34,0 kW heat input (Hi): 2,9...34,7 kW	
BLUEHELIX HITECH RRT 45 H	nominal heat output: 6,3...42,9 kW heat input (Hi): 6,4...43,8 kW	
OMNIA S HYBRID 28C 3.2 UI 6/10	nominal heat output: 2,8...28,0 kW heat input (Hi): 2,9...28,5 (DHW.: ...28,5) kW	
OMNIA S HYBRID 28H 3.2 UI 6/10	nominal heat output: 2,8...28,0 kW heat input (Hi): 2,9...28,5 kW	

DWG



# EU type examination certificate

## EU-Baumusterprüfbescheinigung

CE-0085CT0650

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>Owner of Certificate</b> <i>Zertifikatinhaber</i>	Ferrolì S.p.A. Via Ritonda 78A, I-37047 San Bonifacio (VR)
<b>Distributor</b> <i>Vertreiber</i>	Ferrolì S.p.A. Via Ritonda 78A, I-37047 San Bonifacio (VR)
<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 condensing water heater
<b>Model</b> <i>Modell</i>	BLUEHELIX HITECH RRT...; OMNIA S HYBRID...
<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, IS, IT, LT, LU, LV, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR
<b>Test reports</b> <i>Prüfberichte</i>	Supplement test: K 3026 2023 B23 from 31.05.2023 (TRG) Supplement test: K 3026 2023 E22 from 31.05.2023 (TRG)
<b>Test basis</b> <i>Prüfgrundlagen</i>	EU/2016/426 A III B (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>	14.06.2031 / 22-0646-GER



70229/04-A-DE

12.07.2023 Kir A-1/2



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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Appliance Categories <i>Gerätekategorien</i>	Supply Pressures <i>Versorgungsdrücke</i>	Countries of Destination <i>Bestimmungsländer</i>	Remarks <i>Bemerkungen</i>
I2E	20 mbar	DE, LU, RO	
I2ELwLs	20,20,13 mbar	PL	
I2H	20 mbar	CZ, ES, GR, NL	
I3B/P	30 mbar	BE, PT	
I3B/P	50 mbar	DE, GR	
I12E+3+	20/25, 28-30/37 mbar	BE, FR	
I12E+3B/P	20/25, 37 mbar	FR	
I12E+3P	20/25, 37 mbar	BE	
I12E3B/P	20, 50 mbar	DE	
I12E3B/P	20, 30 mbar	PL	
I12EK3B/P	25, 30 mbar	NL	
I12ELL3B/P	20, 50 mbar	DE	
I12ELwLs3B/P	20,20,13, 30 mbar	PL	
I12H3+	20, 28-30/37 mbar	CH, CY, CZ, ES, GB, GR, IE, IT, LT, PT, SI, SK	
I12H3+	20, 30/37 mbar	TR	
I12H3B/P	20, 30 mbar	CY, CZ, DK, EE, FI, HR, HU, IS, IT, LT, NO, RO, SE, SI, SK	
I12H3B/P	20, 37 mbar	HR, LV, TR	
I12H3B/P	20, 50 mbar	AT, CH, GR, LU, SK	
I12H3P	20, 37 mbar	ES, GB, IE, PT	
I12HM3+	20, 28-30/37 mbar	IT	
I12HM3B/P	20, 30 mbar	IT	
I12HM3B/P	20, 37 mbar	IT	
I12HM3P	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>
BLUEHELIX HITECH RRT 24 C	Nominal heat output: 2,8...24,5 kW Heat input (Hi): 2,9...25,0 (DHW.: ...25,0) kW	
BLUEHELIX HITECH RRT 28 C/K 50	Nominal heat output: 2,8...28,0 kW Heat input (Hi): 2,9...28,5 (DHW.: ...28,5) kW	
BLUEHELIX HITECH RRT 34 C/K 50; RRT B 34 K 50	Nominal heat output: 2,8...34,0 kW Heat input (Hi): 2,9...34,7 (DHW.: ...34,7) kW	
BLUEHELIX HITECH RRT 18 H/S	Nominal heat output: 2,8...18,0 kW Heat input (Hi): 2,9...18,4 kW	
BLUEHELIX HITECH RRT 28 H/S	Nominal heat output: 2,8...28,0 kW Heat input (Hi): 2,9...28,5 kW	
BLUEHELIX HITECH RRT 34 H/S; RRT B 34	Nominal heat output: 2,8...34,0 kW Heat input (Hi): 2,9...34,7 kW	
BLUEHELIX HITECH RRT 45 H	Nominal heat output: 6,3...42,9 kW Heat input (Hi): 6,4...43,8 kW	
OMNIA S HYBRID 28C 3.2 UI 6/10	Nominal heat output: 2,8...28,0 kW Heat input (Hi): 2,9...28,5 (DHW.: ...28,5) kW	
OMNIA S HYBRID 28H 3.2 UI 6/10	Nominal heat output: 2,8...28,0 kW Heat input (Hi): 2,9...28,5 kW	

Type Variation <i>Ausführungsvariante</i>	Explanations <i>Erläuterungen</i>
...C; ...C...	condensing combi water heater
...H	condensing water heater
...S	condensing water heater only for GB
...K 50	with hot water storage tank (50 liters)
...B	floor standing

### Hints of Utilization /Remarks

#### Verwendungshinweise / Bemerkungen

Electrical data: 230 V AC, 50 Hz

Flue types B23, B33, C(10)3, C(11)3, C13, C23, C33, C43, C53, C63, C83, C93: according to installation manual with flue system of Gropalli (2592-CPR-001)

Approved appliance categories, supply pressures and countries of destination: AL, MK: I12E3B/P (20, 50 mbar); BG, MT: I12H3B/P (20, 30 mbar); ES, FR, GR, PT: I2N (20 mbar); FR: I2N (25 mbar); FR: I2H (20/25); BE, SI: I2N (20 mbar); ES, IE: I3B (30 mbar); NL: I12L3B/P (25, 30)

In non-EU countries, the conformity approval will only be accepted once the Gas Appliance Regulation EU/2016/426 will be transferred into national law.

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