



Number	18GR0480/00	Contract number	
Issue date	21-04-2018	Scope	(EU) 2016/426 (9 March 2016)
Due date	20-04-2028	Module	B (Type testing)
PIN	0063CR3574	Report number	160900574

EU TYPE EXAMINATION CERTIFICATE (GAR)

Kiwa hereby declares that the central heating boilers, type(s):

**GCU compact 315 (R2U30GC015Ax),
GCU compact 315 Biv (R2U30GB015Ax),
GCU compact 320 (R2U30GC020Ax),
GCU compact 320 Biv (R2U30GB020Ax),
GCU compact 515 (R2U50GC015Ax),
GCU compact 515 Biv (R2U50GB015Ax),
GCU compact 520 (R2U50GC020Ax),
GCU compact 520 Biv (R2U50GB020Ax),
GCU compact 524 (R2U50GC024Ax),
GCU compact 524 Biv (R2U50GB024Ax),
GCU compact 528 (R2U50GC028Ax),
GCU compact 528 Biv (R2U50GB028Ax)**

manufactured by **ROTEX Heating Systems GmbH
Güglingen, Germany**

meet(s) the essential requirements as described in the
Regulation (EU) 2016/426 relating to appliances burning gaseous fuels.

A description of the specific type(s) like model names, appliance types and categories is given in the appendix to this certificate.

CERTIFICATE

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APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

Manufacturer: ROTEX Heating Systems GmbH

Types:

Type name	CH Heat input		Nominal Heat output	
	(kW - Hi) G20	(kW - Hi) G31	(kW) G20	(kW) G31
GCU compact 315 (R2U30GC015Ax)	3.0 – 15.0	3.0 – 15.0	2.9 - 14.6	2.9 - 14.6
GCU compact 315 Biv (R2U30GB015Ax)	3.0 – 15.0	3.0 – 15.0	2.9 - 14.6	2.9 - 14.6
GCU compact 320 (R2U30GC020Ax)	3.0 – 20.0	3.0 – 20.0	2.9 – 19.5	2.9 – 19.5
GCU compact 320 Biv (R2U30GB020Ax)	3.0 – 20.0	3.0 – 20.0	2.9 – 19.5	2.9 – 19.5
GCU compact 515 (R2U50GC015Ax)	3.0 – 15.0	3.0 – 15.0	2.9 - 14.6	2.9 - 14.6
GCU compact 515 Biv (R2U50GB015Ax)	3.0 – 15.0	3.0 – 15.0	2.9 - 14.6	2.9 - 14.6
GCU compact 520 (R2U50GC020Ax)	3.0 – 20.0	3.0 – 20.0	2.9 – 19.5	2.9 – 19.5
GCU compact 520 Biv (R2U50GB020Ax)	3.0 – 20.0	3.0 – 20.0	2.9 – 19.5	2.9 – 19.5
GCU compact 524 (R2U50GC024Ax)	4.0 – 24.0	5.0 – 24.0	3.9 – 23.4	4.9 – 23.4
GCU compact 524 Biv (R2U50GB024Ax)	4.0 – 24.0	5.0 – 24.0	3.9 – 23.4	4.9 – 23.4
GCU compact 528 (R2U50GC028Ax)	4.0 – 28.0	5.0 – 28.0	3.9 – 27.2	4.9 – 27.2
GCU compact 528 Biv (R2U50GB028Ax)	4.0 – 28.0	5.0 – 28.0	3.9 – 27.2	4.9 – 27.2

Appliance types : B23, B23P, B33, B53, B53P, C13(X), C33(X), C43(X), C53(X), C63(X), C83(X), C93(x)

Appliance categories : I2E+, I2E, I2EK, I2ELL, I2H, I2N, I3P, II2E(S)3P, II2E+3P, II2E3P, II2EK3P, II2ELL3P, II2Er3P, II2Esi3P, II2H3P, II2L3P, II2N3P

Countries:

Austria, Belgium, Croatia, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, United Kingdom, the Netherlands

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Appliance category per countries of destination:

Type name	Appliance category	Supply pressure	Countries
GCU compact	I _{2E}	20 mbar	LU
GCU compact	II _{2E3P}	20, 37 mbar 20, 50 mbar	LU
GCU compact	II _{2E3P}	20, 37 mbar	PL
GCU compact	I _{2E+} , II _{2E+3P}	20/25, 37 mbar	BE
GCU compact	I _{2E(S)} , II _{2E(S)3P}	20, 37 mbar	BE
GCU compact	I _{2N} , II _{2N3P}	20/25, 37 mbar	BE
GCU compact	I _{3P}	37 mbar	BE
GCU compact	I _{2H}	20 mbar	DK, FI, LV, NL, NO, SE, TR
GCU compact	I _{2N}	20 mbar	DK, ES, FR, GR, PT, SI
GCU compact	II _{2Esi3P}	20/25, 37 mbar	FR
GCU compact	II _{2Er3P}	20/25, 37 mbar	FR
GCU compact	II _{2N3P}	20/25, 37 mbar	FR
GCU compact	II _{2E+3P}	20/25, 37 mbar	FR
GCU compact	I _{2ELL} , II _{2ELL3P}	20, 50 mbar	DE
GCU compact	II _{2N3P}	20/25, 50 mbar	DE
GCU compact	II _{2H3P}	20, 37 mbar	CH, ES, FR, GB, GR, HR, IE, IT, LT, PT, SI, SK
GCU compact	II _{2H3P}	20, 50 mbar	AT, CH, CZ, SK
GCU compact	II _{2H3P}	25, 30 mbar	HU
GCU compact	II _{2L3P}	25, 37 mbar	NL
GCU compact	I _{2EK} , II _{2EK3P}	20/25, 37 mbar	NL
GCU compact	I _{2N} , II _{2N3P}	20/25, 37 mbar	NL
GCU compact	II _{2N3P}	20/25, 37 mbar	ES, GR, SI, PT
GCU compact	II _{2H3P}	20, 30 mbar	RO

Standard : EN 15502-1:2012 + A1 : 2015, EN 15502-2-1: 2012

Remarks:

The following Flue systems are approved in combination with the appliance;

- Centrotherm 60/100 and 80/125 (approval number 0036 CPD 9169 003)
- Ubbink 60/100 and 80/125 (approval number 0036 CPD 9169 003)
- M&G 60/100 and 80/125 (approval number 0432-CPR-900182)

(for details see installation manual, or flue book manuals for related appliances and countries)

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APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

Measured efficiencies:

Appliance: GCU compact 528 (BIV)

setting:	temperature:	efficiency:
100% Qn	60/80°C	97.1
100% Qa	60/80°C	97.7
30% Qa	30°C return	108.0
100% Qn	30/50°C	104.0
100% Qa	30/50°C	105.8
Qmin	30/50°C	107.5

Appliance: GCU compact 524 (BIV)

setting:	temperature:	efficiency:
100% Qn	60/80°C	97.4
100% Qa	60/80°C	97.7
30% Qa	30°C return	107.9

Appliance: GCU compact 320 / 520 (BIV)

setting:	temperature:	efficiency:
100% Qn	60/80°C	97.3
100% Qa	60/80°C	97.4
30% Qa	30°C return	107.9
100% Qn	30/50°C	104.5
100% Qa	30/50°C	106.0
Qmin	30/50°C	107.9

Appliance: GCU compact 315 / 515 (BIV)

setting:	temperature:	efficiency:
100% Qn	60/80°C	97.5
100% Qa	60/80°C	97.0
30% Qa	30°C return	107.4