



Number	17GR0156/01	Contract number	E8090
Issue date	21-04-2018	Scope	(EU) 2016/426 (9 March 2016)
Due date	28-02-2028	Module	B (Type testing)
PIN	0063CS3428	Report number	170201428

EU TYPE EXAMINATION CERTIFICATE (GAR)

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

LN1GBQ45 - VU 486/5 - 5 (H-CN) ecoTEC plus,
LN1GBQ61 - VU 656/5 - 5 (H-CN) ecoTEC plus,
VC 406/5 - 5 (E-DE) ecoTEC plus, VC 406/5 - 5 (LL-DE) ecoTEC plus,
VC 476/5 - 5 (E-DE) ecoTEC plus, VC 476/5 - 5 (LL-DE) ecoTEC plus,
VC 486/5 - 5 (E-BE) ecoTEC plus, VC 486/5 - 5 (H-INT I) ecoTEC plus,
VC 636/5 - 5 (E-DE) ecoTEC plus, VC 636/5 - 5 (LL-DE) ecoTEC plus,
VC 656/5 - 5 (E-BE) ecoTEC plus, VC 656/5 - 5 (H-INT I) ecoTEC plus,
VM 486/5 - 5 (H-IT/ES) ecoTEC plus, VM 656/5 5 (H-IT/ES) ecoTEC plus,
VU 446/5 - 5 (H-GB) ecoTEC plus, VU 486/5 - 5 (H-CZ) ecoTEC plus,
VU 486/5 - 5 (H-FR) ecoTEC plus, VU 486/5 - 5 (H-INT II) ecoTEC plus,
VU 486/5 - 5 (H-INT III) ecoTEC plus, VU 486/5 - 5 (H-INT IV) ecoTEC plus,
VU 486/5 - 5 (H-PL) ecoTEC plus, VU 486/5 - 5 (H-TR) ecoTEC plus,
VU 596/5 - 5 (H-PL) ecoTEC plus, VU 606/5 5 (H-GB) ecoTEC plus,
VU 656/5 5 (H-FR) ecoTEC plus, VU 656/5 5 (H-INT II) ecoTEC plus,
VU 656/5 5 (H-INT III) ecoTEC plus, VU 656/5 5 (H-INT IV) ecoTEC plus,
VU 656/5 5 (H-TR) ecoTEC plus, VU 656/5 - 5 (H-CZ) ecoTEC plus

manufactured by **Vaillant GmbH**
Remscheid, 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.

Luc Leroy, Kiwa



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APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

Manufacturer: Vaillant GmbH

Types:

Model name	Appliance types	Heat Input	
		CH (kW - Hi)	DHW (kW - Hi)
VC 656/5 - 5 (H-INT I) ecoTEC plus	C13, C33, C43, C53, C83, C93, B23, B23(P), B33, B53, B53(P) For AT : C13(X), C33(X), C43(X), C53(X), C93(X), B23, B23(P), B33, B53, B53(P)	11,3	60
VU 656/5 - 5 (H-CZ) ecoTEC plus	C13, C33, C43, C53, C83, C93, B23, B23(P), B33, B53, B53(P)	11,3	60
VU 656/5 - 5 (H-FR) ecoTEC plus	C13, C33, C43, C53, C83, C93, B23, B23(P), B33, B53, B53(P)	11,3	60
VU 606/5 - 5 (H-GB) ecoTEC plus	C13, C33, C43, C53, C93, B23, B23(P), B33, B53, B53(P)	11,3	60
VM 656/5 - 5 (H-IT/ES) ecoTEC plus	C13, C33, C43, C53, C83, C93, B23, B23(P), B33, B53, B53(P)	11,3	60
VU 656/5 - 5 (H-INT II) ecoTEC plus	C13, C33, C43, C53, C83, C93, B23, B23(P), B33, B53, B53(P)	11,3	60
VU 656/5 - 5 (H-INT IV) ecoTEC plus	C13, C33, C43, C53, C83, C93, B23, B23(P), B33, B53, B53(P)	11,3	60
VU 656/5 - 5 (H-INT III) ecoTEC plus	C13(X), C33(X), C43(X), C53(X), C83(X), C93(X), B23, B23(P), B33, B53, B53(P)	11,3	60
VU 656/5 - 5 (H-TR) ecoTEC plus	C13, C33, C43, C53, C93, B23, B23(P), B33, B53, B53(P)	11,3	60
VC 656/5 - 5 (E-BE) ecoTEC plus	C13, C33, C43, C53, C83, C93, B23, B23(P), B33, B53	11,3	60
LN1GBQ61 - VU 656/5 - 5 (H-CN) ecoTEC plus	C13, C33, C53	11,3	60
VC 636/5 - 5 (E-DE) ecoTEC plus	C13(X), C33(X), C43(X), C53(X), C93(X), B23, B23(P), B33, B53, B53(P)	11,3	60
VC 636/5 - 5 (LL-DE) ecoTEC plus	C13(X), C33(X), C43(X), C53(X), C93(X), B23, B23(P), B33, B53, B53(P)	11,3	60
VU 596/5 - 5 (H-PL) ecoTEC plus	C13, C33, C43, C53, C83, C93, B23, B23(P), B33, B53, B53(P)	11,3	55
VC 486/5 - 5 (H-INT I) ecoTEC plus	C13, C33, C43, C53, C93, B23, B23(P), B33, B53, B53(P) For AT : C13(X), C33(X), C43(X), C53(X), C93(X), B23, B23(P), B33, B53, B53(P)	8,1	45,2
VU 486/5 - 5 (H-CZ) ecoTEC plus	C13, C33, C43, C53, C83, C93, B23, B23(P), B33, B53, B53(P)	8,1	45,2



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VU 486/5 - 5 (H-FR) ecoTEC plus	C13, C33, C43, C93, B23, B23(P), B33, B53, B53(P)	8,1	45,2
VU 446/5 - 5 (H-GB) ecoTEC plus	C13, C33, C43, C53, C93, B23, B23(P), B33, B53, B53(P)	8,1	45,2
VM 486/5 - 5 (H-IT/ES) ecoTEC plus	C13, C33, C43, C53, C83, C93, B23, B23(P), B33, B53, B53(P)	8,1	45,2
VU 486/5 - 5 (H-INT II) ecoTEC plus	C13, C33, C43, C53, C83, C93, B23, B23(P), B33, B53, B53(P)	8,1	45,2
VU 486/5 - 5 (H-INT IV) ecoTEC plus	C13, C33, C43, C53, C83, C93, B23, B23(P), B33, B53, B53(P)	8,1	45,2
VU 486/5 - 5 (H-INT III) ecoTEC plus	For all : C13(X), C33(X), C43(X), C53(X), C83(X), C93(X), B23, B23(P), B33, B53, B53(P)	8,1	45,2
VU 486/5 - 5 (H-TR) ecoTEC plus	C13, C33, C43, C53, C93, B23, B23(P), B33, B53, B53(P)	8,1	45,2
VC 486/5 - 5 (E-BE) ecoTEC plus	C13, C33, C43, C53, C83, C93, B23, B23(P), B33, B53	8,1	45,2
LN1GBQ45 - VU 486/5 - 5 (H-CN) ecoTEC plus	C13, C33, C53	8,1	45,2
VC 406/5 - 5 (E-DE) ecoTEC plus	C13(X), C33(X), C43(X), C53(X), C93(X), B23, B23(P), B33, B53, B53(P)	8,1	38
VC 406/5 - 5 (LL-DE) ecoTEC plus	C13(X), C33(X), C43(X), C53(X), C93(X), B23, B23(P), B33, B53, B53(P)	8,1	38
VC 476/5 - 5 (E-DE) ecoTEC plus	C13(X), C33(X), C43(X), C53(X), C93(X), B23, B23(P), B33, B53, B53(P)	8,1	45,2
VC 476/5 - 5 (LL-DE) ecoTEC plus	C13(X), C33(X), C43(X), C53(X), C93(X), B23, B23(P), B33, B53, B53(P)	8,1	45,2
VU 486/5 - 5 (H-PL) ecoTEC plus	C13, C33, C43, C53, C83, C93, B23, B23(P), B33, B53, B53(P)	8,1	45,2

Model name	Appliance categories		Countries
VC 656/5 - 5 (H-INT I) ecoTEC plus	II _{2H3P}	G20-20mbar G31-30mbar G31-50mbar (AT)	Austria (AT), Denmark (DK), Sweden (SE), Norway (NO)
VU 656/5 - 5 (H-CZ) ecoTEC plus	II _{2H3P}	G20-20mbar G31-37mbar	Czech Republic (CZ)
VU 656/5 - 5 (H-FR) ecoTEC plus	II _{2Esi3P}	G20-20mbar G25-25mbar G31-37mbar	France (FR)
VU 606/5 - 5 (H-GB) ecoTEC plus	II _{2H3P}	G20-20mbar G31-37mbar	United Kingdom (UK), Ireland (IE), New Zealand (NZ)



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VM 656/5 - 5 (H-IT/ES) ecoTEC plus	II _{2H3P}	G20-20mbar G31-37mbar	Italy (IT), Spain (ES), Portugal (PT)
VU 656/5 - 5 (H-INT II) ecoTEC plus	II _{2H3P}	G20-20mbar G20-25 mbar (HU) G31-30mbar G31-37mbar (SK/HR)	Hungary (HU), (Slovakia (SK), Croatia (HR), Serbia (RS), Bosnia and Herzegovina (BA), Macedonia (MK), Albania (AL), Montenegro (ME), Kosovo (KO), Romania (RO)
VU 656/5 - 5 (H-INT IV) ecoTEC plus	II _{2H3P}	G20- 13(20) mbar (RU) G20-20mbar G31-30mbar	Russia (RU), Ukraine (UA), Belarus (BY), Moldova (MD), Kazakhstan (KZ)
VU 656/5 - 5 (H-INT III) ecoTEC plus	II _{2H3P}	G20-20mbar G31-37mbar	Slovenia (SL), Greece (GR), Estonia (EE), Lithuania (LT), Latvia (LV), Bulgaria (BG)
VU 656/5 - 5 (H-TR) ecoTEC plus	II _{2H3P}	G20-20mbar G31-37mbar	Turkey (TR)
VC 656/5 - 5 (E-BE) ecoTEC plus	I _{2E(S)} , I _{3P}	G20-20mbar G31-37mbar	Belgium (BE)
LN1GBQ61 - VU 656/5 - 5 (H-CN) ecoTEC plus	I _{2H}	G20-20mbar	China (CN)
VC 636/5 - 5 (E-DE) ecoTEC plus	II _{2ELL3P} , I _{2E}	G20-20mbar G25-20mbar (DE) G31-50mbar	Germany (DE), Luxembourg (LU)
VC 636/5 - 5 (LL-DE) ecoTEC plus	II _{2ELL3P}	G20-20mbar G25-20mbar (DE) G31-50mbar	Germany (DE)
VU 596/5 - 5 (H-PL) ecoTEC plus	II _{2ELW3P}	G20-20mbar G27-20mbar G31-37mbar	Poland (PL)
VC 486/5 - 5 (H-INT I) ecoTEC plus	II _{2H3P}	G20-20mbar G31-30mbar G31-50mbar (AT)	Austria (AT), Denmark (DK), Sweden (SE), Norway (NO)
VU 486/5 - 5 (H-CZ) ecoTEC plus	II _{2H3P}	G20-20mbar G31-37mbar	Czech Republic (CZ)
VU 486/5 - 5 (H-FR) ecoTEC plus	II _{2Esi3P}	G20-20mbar G25-25mbar G31-37mbar	France (FR)
VU 446/5 - 5 (H-GB) ecoTEC plus	II _{2H3P}	G20-20mbar G31-37mbar	United Kingdom (UK), Ireland (IE), New Zealand (NZ)
VM 486/5 - 5 (H-IT/ES) ecoTEC plus	II _{2H3P}	G20-20mbar G31-37mbar	Italy (IT), Spain (ES), Portugal (PT)
VU 486/5 - 5 (H-INT II) ecoTEC plus	II _{2H3P}	G20-20mbar G20-25 mbar (HU)	Hungary (HU), (Slovakia (SK), Croatia (HR),



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		G31-30mbar G31-37mbar (SK/HR)	Serbia (RS), Bosnia and Herzegovina (BA), Macedonia (MK), Albania (AL), Montenegro (ME), Kosovo (KO), Romania (RO)
VU 486/5 - 5 (H-INT IV) ecoTEC plus	II _{2H3P}	G20- 13(20) mbar (RU) G20-20mbar G31-30mbar	Russia (RU), Ukraine (UA), Belarus (BY), Moldova (MD), Kazakhstan (KZ)
VU 486/5 - 5 (H-INT III) ecoTEC plus	II _{2H3P}	G20-20mbar G31-37mbar	Slovenia (SL), Greece (GR), Estonia (EE), Lithuania (LT), Latvia (LV), Bulgaria (BG)
VU 486/5 - 5 (H-TR) ecoTEC plus	II _{2H3P}	G20-20mbar G31-37mbar	Turkey (TR)
VC 486/5 - 5 (E-BE) ecoTEC plus	I _{2E(S)} , I _{3P}	G20-20mbar G31-37mbar	Belgium (BE)
LN1GBQ45 - VU 486/5 - 5 (H-CN) ecoTEC plus	I _{2H}	G20-20mbar	China (CN)
VC 406/5 - 5 (E-DE) ecoTEC plus	II _{2ELL3P} , I _{2E}	G20-20mbar G25-20mbar (DE) G31-50mbar	Germany (DE), Luxembourg (LU)
VC 406/5 - 5 (LL-DE) ecoTEC plus	II _{2ELL3P}	G20-20mbar G25-20mbar (DE) G31-50mbar	Germany (DE)
VC 476/5 - 5 (E-DE) ecoTEC plus	II _{2ELL3P} , I _{2E}	G20-20mbar G25-20mbar (DE) G31-50mbar	Germany (DE), Luxembourg (LU)
VC 476/5 - 5 (LL-DE) ecoTEC plus	II _{2ELL3P}	G20-20mbar G25-20mbar (DE) G31-50mbar	Germany (DE)
VU 486/5 - 5 (H-PL) ecoTEC plus	II _{2ELW3P}	G20-20mbar G27-20mbar G31-37mbar	Poland (PL)

Standards:
EN 15502-1:2012 + A1:2015, EN 15502-2-1:2012 + A1:2016

Remark:
Flue type C43(x) (common flue system with a maximum of 5 appliances) according the applicable installation instructions and mounting instructions mentioned in the flue book manuals for related appliances and countries.