

Number	97338/01	Replaces	--
Issued	28-11-2017	Scope	No. 813/2013 (2-8-2013) and/or 92/42/EEC (21-05-1992)
Report number	170201428		
PIN	0063CS3428	Contract number	E 8090

## EC TYPE EXAMINATION CERTIFICATE (BED/R813)

Kiwa, notified body for council Directive 92/42/EC, hereby declares that the **Central Heating Boilers:**

Brand **Demir Döküm**

types **Maxi Condense H48 (H-TR)  
Maxi Condense H65 (H-TR)**

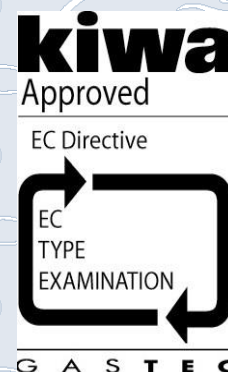
supplied by **Demir Döküm  
Bozüyük, Turkey**

meet the requirements regarding useful efficiencies according to **article 4 of commission regulation (EU) No. 813/2013** and/or as described in the **Directive 92/42/EEC on efficiency requirements.**

This is based upon the measured values as given in the table on the appendix.



Luc Leroy  
Kiwa



Certificate

Annex to Certificate: 97338/01

Appendix no.: 1

Dated: 28-11-2017

Examination report(s):

170201428

Brand name

DEMIR DÖKUM

Scope

Directive 92/42/EEC

Article 4 of commission regulation (EU) No. 813/2013

Specifications:

Model(s):

Maxi Condense H48 (H-TR)

Condensing boiler:	yes
Range rated:	yes
Low-temperature (**) boiler:	yes
B1 boiler:	no
Combination heater:	no
Gas type :	G20

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	44,1	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	14,8	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	88,4	
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	98,3	

(\*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

(\*\*) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

Calculated values are based on gross calorific value (reference conditions: 15 °C, 1013,25 mbar)

Annex to Certificate: 97338/01

Appendix no.: 1

Dated: 28-11-2017

Examination report(s):

170201428

Brand name

DEMIR DÖKUM

Scope

Directive 92/42/EEC

Article 4 of commission regulation (EU) No. 813/2013

Specifications:

Model(s):

Maxi Condense H48 (H-TR)

Condensing boiler:	yes
Range rated:	yes
Low-temperature (**) boiler:	yes
B1 boiler:	no
Combination heater:	no
Gas type :	G31

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	44,0	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	14,3	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	89,8	
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	98,5	

(\*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

(\*\*) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

Calculated values are based on gross calorific value (reference conditions: 15 °C, 1013,25 mbar)

Annex to Certificate: 97338/01

Appendix no.: 1

Dated: 28-11-2017

Examination report(s):

170201428

Brand name

DEMIR DÖKUM

Scope

Directive 92/42/EEC

Article 4 of commission regulation (EU) No. 813/2013

Specifications:

Model(s):

Maxi Condense H65 (H-TR)

Condensing boiler:	yes
Range rated:	yes
Low-temperature (**) boiler:	yes
B1 boiler:	no
Combination heater:	no
Gas type :	G20

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	58,7	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	19,7	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	88,4	
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	98,5	

(\*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

(\*\*) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

Calculated values are based on gross calorific value (reference conditions: 15 °C, 1013,25 mbar)

Annex to Certificate: 97338/01

Appendix no.: 1

Dated: 28-11-2017

Examination report(s):

170201428

Brand name

DEMIR DÖKUM

Scope

Directive 92/42/EEC

Article 4 of commission regulation (EU) No. 813/2013

Specifications:

Model(s):

Maxi Condense H65 (H-TR)

Condensing boiler:	yes
Range rated:	yes
Low-temperature (**) boiler:	yes
B1 boiler:	no
Combination heater:	no
Gas type :	G31

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	58,4	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	19,2	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	89,8	
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	98,1	

(\*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

(\*\*) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

Calculated values are based on gross calorific value (reference conditions: 15 °C, 1013,25 mbar)

Number	97333/01	Replaces	-
Issued	28-11-2017	Scope	2009/142/EC (30-11-2009)
Report number	170201428	Contract number	E 8090
PIN	0063CS3428		

## EC TYPE EXAMINATION CERTIFICATE (GAD)

Kiwa hereby declares that the **Condensing Boilers,**

Brand **Demir Döküm**

types **Maxi Condense H65 (H-TR)  
Maxi Condense H48 (H-TR)**

supplied by **Demir Döküm  
Bozüyük, Turkey**

meet the essential requirements as described in the  
**Directive 2009/142/EC relating to appliances burning gaseous fuels.**

Country of destination, appliance categories, installation types and available types are mentioned in the appendix to this certificate.


Certificate

**Kiwa Nederland B.V.**  
Wilmersdorf 50  
P.O. Box 137  
7300 AC APELDOORN  
The Netherlands

[www.1kiwa.com](http://www.1kiwa.com)

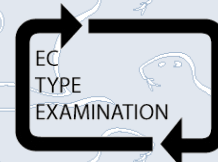
**GASTEC**



  
Luc Leroy  
Kiwa

**kiwa**  
Approved

EC Directive



2009/142/EC

**GASTEC**

**CE**  
0063

**0063**  
Page 1 of 1

CERTIFICATE 97333/01

Appendix no.: 1  
Dated: 28-11-2017  
Examination report(s): 170201428

**List of available types,**

Type name	Brand name	Appliance type	Min. Heat input (kW - Hi)	Max.Heat input (kW - Hi)
Maxi Condense H65 (H-TR)	Demir Dokum	C13, C33, C43, C53, C93, B23, B23(P), B33, B53, B53(P)	11,3	60
Maxi Condense H48 (H-TR)	Demir Dokum	C13, C33, C43, C53, C93, B23, B23(P), B33, B53, B53(P)	8,1	45,2

Appliance category and Countries of destination

Type name	Appliance category	Countries
Maxi Condense H65 (H-TR)	II2H3P G20-20mbar G31-37mbar	TR
Maxi Condense H48 (H-TR)	II2H3P G20-20mbar G31-37mbar	TR

Directives

Gas Appliance Directive (2009/142/EC)

Standard

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.



Number	17GR0176/00	Contract number	E8090
Issue date	21-04-2018	Scope	(EU) 2016/426 (9 March 2016)
Due date	12-12-2027	Module	B (Type testing)
PIN	0063CS3428	Report number	170201428

## EU TYPE EXAMINATION CERTIFICATE (GAR)

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

**Maxi Condense H48 (H-TR),  
Maxi Condense H65 (H-TR)**

manufactured by **Demir Döküm  
Bozüyük, Turkey**

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

Luc Leroy, Kiwa





Number	17GR0176/00	Page	1 of 1
Issue date	21-04-2018	Scope	(EU) 2016/426 (9 March 2016)
Due date	12-12-2027	Module	B (Type testing)
PIN	0063CS3428	Report number	170201428

## APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

Manufacturer: Demir Döküm

Types:

Model name	Appliance types	Heat Input	
		CH (kW - Hi)	DHW (kW - Hi)
Maxi Condense H65 (H-TR)	C13, C33, C43, C53, C83, C93, B23, B23(P), B33, B53, B53(P)	11,3	60
Maxi Condense H48 (H-TR)	C13, C33, C43, C53, C83, C93, B23, B23(P), B33, B53, B53(P)	8,1	45,2

Model name	Appliance categories		Countries
Maxi Condense H65 (H-TR)	II <sub>2</sub> H <sub>3</sub> P	G20-20mbar G31-37mbar	Turkey (TR)
Maxi Condense H48 (H-TR)	II <sub>2</sub> H <sub>3</sub> P	G20-20mbar G31-37mbar	Turkey (TR)

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.