



Number	19BE0040/00	Replaces	--
Issue date	06-06-2019	Contract number	E8090
Report number	180800005	Module	B (Type testing)
PIN	0063CU3005	Scope	Art. 4 of No. 813/2013 (2-8-2013) and/or 92/42/EEC (21-05-1992)

## EC TYPE EXAMINATION CERTIFICATE (BED/R813)

Kiwa, notified body for council Directive 92/42/EC, hereby declares that the condensing central heating boilers, type(s):

**CombiTek Condens 24 - AS/1 (H-IT),  
SemiaTek Condens 24-AS/1 (H-IT),  
SemiaTek Condens 28-AS/1 (H-IT),  
ThemaTek Condens 24 - AS/1 (H-IT)**

Manufacturer **Hermann Saunier Duval  
Milano, Italy**

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**.

Reference standard: EN 15502-1:2012+A1:2015 and EN 15502-2-1:2012+A1:2016

This certificate is only valid in combination with the appendix to this certificate, where specific information and/or conditions are given.

CERTIFICATE

Ronald Karel, Kiwa



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## APPENDIX TO EC TYPE EXAMINATION CERTIFICATE (BED/R813)

Hermann Saunier Duval

Specifications:

Model(s):

CombiTek Condens 24 - AS/1 (H-IT), SemiaTek Condens 24-AS/1 (H-IT),  
ThemaTek Condens 24 - AS/1 (H-IT)

Condensing boiler:                    yes/∅  
Range rated:                            yes/∅  
Low-temperature (\*\*) boiler:        yes/∅  
B1 boiler:                                yes/no  
Combination heater:                  yes/∅

	Symbol	Value	Unit
<b>Useful heat output</b>			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	18,3	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	6,1	kW
<b>Useful efficiencies</b>			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	87,3	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	97,1	%

(\*) 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)



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## APPENDIX TO EC TYPE EXAMINATION CERTIFICATE (BED/R813)

Hermann Saunier Duval

Specifications:

Model(s):

SemiaTek Condens 28-AS/1 (H-IT)

Condensing boiler:	yes/∅
Range rated:	yes/∅
Low-temperature (**) boiler:	yes/∅
B1 boiler:	yes/no
Combination heater:	yes/∅

	Symbol	Value	Unit
<b>Useful heat output</b>			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	23,9	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	8,0	kW
<b>Useful efficiencies</b>			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	88,0	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	97,4	%

(\*) 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)