

# EC Type-Examination Certificate



according to Directive 2009/142/EC Article 8, section 1. (a)  
relating to appliances burning gaseous fuels

Certificate No.: MB 69254656 0001 PIN: 1008 CR 3048

Test Report No.: 28235396 001

Certificate Holder: Vaillant GmbH  
Berghauser Strasse 40 D-42859 Remscheid - Germany

Manufacturer: Vaillant GmbH  
Berghauser Strasse 40 D-42859 Remscheid - Germany

Product: Group: Water heaters (1400)  
Gas-fired instantaneous water heater (1401)

Identification: Models:  
outsidemAG IT 11-5/0-5 BETeV H  
outsidemAG IT 14-5/0-5 BETeV H,  
outsidemAG IT 16-5/1-5 BETeV H,  
outsidemAG IT 11-5/0-5 BETeV B,  
outsidemAG IT 14-5/0-5 BETeV B,  
outsidemAG IT 16-5/1-5 BETeV B.

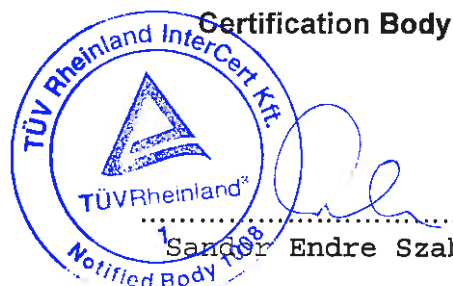
See details in Annex I.

Tested according to: 2009/142/EC

Countries of destination: IT

This type-examination certificate refers to the above mentioned product. This is to certify that the test sample is in conformity with the essential requirements of Annex I of the Directive. The Certificate Holder is entitled to use this certificate in connection with the EC Declaration of Conformity in accordance with the Directive. This certificate does not imply assessment of the series production of the product and does not permit the use of a TÜV Rheinland mark of conformity. This certificate itself does not permit the affixing of CE marking followed by the identification number of the notified body.

Date of issue:  
Budapest, 30<sup>th</sup> Nov. 2016



TÜV Rheinland InterCert Kft. – Product Certification Body — H-1132 Budapest, Váci út 48/A-B — www.tuv.hu  
Notified under No. 1008 to the EC Commission

CE The CE marking may be used if all relevant and effective EC directives are complied with. CE

**Annex I to certificate No. MB 69254656 0001**

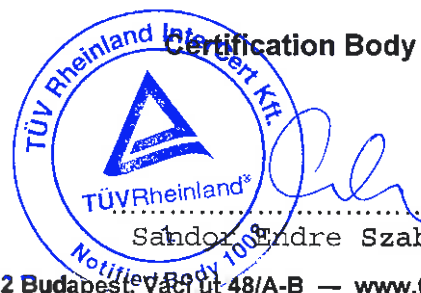
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PIN: 1008 CR 3048

**Technical specifications of the appliances**

Model	outsideMAG IT 11-5/0-5 BETeV H, outsideMAG IT 11-5/0-5 BETeV B		outsideMAG IT 14-5/0-5 BETeV H, outsideMAG IT 14-5/0-5 BETeV B		outsideMAG IT 16-5/1-5 BETeV H, outsideMAG IT 16-5/1-5 BETeV B	
Flue type	A <sub>3</sub>					
Allowed installation ambient temperature range	-25 - +60°C					
Appliance category	II <sub>2H3P</sub>		II <sub>2H3P</sub>		II <sub>2H3P</sub>	
Reference gas	G31	G20	G31	G20	G31	G20
Gas pressure (mbar)	37	20	37	20	37	20
Nominal heat input (kW)	21.3		27.1		31.0	
Nominal heat output (kW)	19.2		24.4		27.9	
Minimum heat input (kW)	5.3		6.7		7.7	
Minimum heat output (kW)	5.0		6.2		7.1	
Injector (mm)	1.10	1.40	1.20	1.50	1.20	1.50
Burner quantity	11		13		15	
Water temperature setting rang	38 - 60°C					
Permitted operating water pressure range	0.2 - 10 bar					
Max. water flow rate limited	8 l/min		10 l/min		12 l/min	
Height	608.9 mm		608.9 mm		608.9 mm	
Width	413 mm		453 mm		453 mm	
Depth	180 mm		180 mm		180 mm	
Net weight, approx. (net)	19.0 kg		20.6 kg		21.0 kg	
Electrical supply	230 VAC; 50 HZ					
Rated electrical power	46 W		49 W		51 W	
Protection class	IPX5D		IPX5D		IPX5D	
Remark: Original gas type is G20-20 mbar for final product which model name with "H", then G31-37 mbar for "B".						

**Date of issue:**

 Budapest, 30<sup>th</sup> Nov.2016

**TÜV Rheinland InterCert Kft. – Product Certification Body — H-1132 Budapest, Váci út 48/A-B — www.tuv.hu**

# CERTIFICATE of Conformity



**Certificate No.:** MK 69254657 0001  
**Test Report No.:** 28235396 001  
**Certificate Holder:** Vaillant GmbH  
Berghauser Strasse 40 D-42859 Remscheid - Germany  
**Manufacturer:** Vaillant GmbH  
Berghauser Strasse 40 D-42859 Remscheid - Germany  
**Product:** Gas-fired instantaneous water heater

**Identification:** Models:  
outsideMAG IT 11-5/0-5 BETeV H,  
outsideMAG IT 14-5/0-5 BETeV H,  
outsideMAG IT 16-5/1-5 BETeV H,  
outsideMAG IT 11-5/0-5 BETeV B,  
outsideMAG IT 14-5/0-5 BETeV B,  
outsideMAG IT 16-5/1-5 BETeV B

See details in Annex I.

**Tested according to:** 2009/125/EC ANNEX I,  
(EU) No. 814/2013,  
EN 13203-2:2015,  
EN 26:2015

**Date of Validity:** 25<sup>th</sup> Sep. 2018

This certificate refers to the above mentioned product. This is to certify that the test sample is in conformity with the requirements stated above. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The certificate is valid up to the date of validity provided that the test specifications and construction of the product remain unchanged during the period of validity.

**Date of Issue:**  
Budapest, 30<sup>th</sup> Nov.2016



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**Annex I to certificate No. MK 69254657 0001**

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Ecodesign requirements for conventional water heaters using gaseous fuels

Models	outsideMAG IT 11-5/0-5 BETeV H, outsideMAG IT 11-5/0-5 BETeV B	outsideMAG IT 14-5/0-5 BETeV H, outsideMAG IT 14-5/0-5 BETeV B	outsideMAG IT 16-5/1-5 BETeV H, outsideMAG IT 16-5/1-5 BETeV B
Declared value of smart	0	0	0
Declared load profile	M	L	XL
Measured water heating energy efficiency	74.8 %	79.8 %	80.2 %
Requirement for water heating energy efficiency, from 26 September 2015	Shall not fall below 30 %	Shall not fall below 30 %	Shall not fall below 30 %
Requirement for water heating energy efficiency, from 26 September 2017	Shall not fall below 36 %	Shall not fall below 36 %	Shall not fall below 37 %

**Certification Body**

**Date of issue:**  
 Budapest, 30<sup>th</sup> Nov. 2016

Sándor Endre Szabo

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