

# EC Type-Examination Certificate



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

**Certificate No.:** MB 69243090 0002 **PIN:** 1008 CN 2627  
**Test Report No.:** 28214974 002  
**Certificate Holder:** VARA-FÉG Kft.  
H-1139 Budapest, Fáy u. 23.  
**Manufacturer:** VARA-FÉG Kft.  
H-6900 Makó, Aradi u. 136.  
**Product:** **Group:** Boilers with flue systems (3200)  
  
Gas-fired C type water heater and combined water heater  
for heating (3201, 3203)  
**Identification:** **Model:** ZC-24HE.1, ZCK-24HE.1, ZCK-24HE-T.1  
  
See details in Annex I.  
**Tested according to:** EN 483:1999, EN 483:1999/A2:2001,  
EN 483:1999/A2:2001/AC:2006,  
EN 625:1995  
**Countries of destination:** AL, BA, BG, CY, CZ, DK, EE, FI, GR, HR, HU, IT, LT, LV,  
MD, MK, NO, RO, RS, RU, SE, SI, SK, TR, UA

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.

Certification Body

**Date of issue:**  
Budapest, 27.09.2016



TÜV Rheinland InterCert Kft. – Product Certification Body — H-1132 Budapest, Vac ut 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 69243090 0002**

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Model	ZC-24HE.1	ZCK-24HE.1, ZCK-24HE-T.1
Appliance category	II <sub>2H3B/P</sub>	
Gas supply pressure	H gas: 20 mbar, 25 mbar (only HU), B/P gas: 30 mbar	
Reference gas	G20, G30	
Nominal heat input (H <sub>i</sub> )	25,5 kW	
Nominal heat output	23 kW	
Efficiency (H <sub>i</sub> ) (at nominal heat input, 80 °C / 60 °C)	90%	
Gas connection size	3/4"	
Heating connection size	3/4"	
Heating system max. pressure	3 bar	
DHW connection size	-	1/2"
Max. DHW service pressure	-	10 bar
Max. temperature of DHW	-	55 °C
DHW flow (Δt=25 °C)	-	13 l/min
Type of air and flue gases	C12, C32, C42, C52, C62	
Electrical specifications	230 VAC, 50 Hz	
Class of protection	I.	
IP code	IP 44	
Class of NOx	4	
Air and flue gas pipe size	Koax: 60/100 mm; separated: 2x80 mm	

Appliance category	Gas supply pressure (mbar)	Countries of destination
II <sub>2H3B/P</sub>	25, 30	HU
II <sub>2H3B/P</sub>	20, 30	AL, BA, BG, CY, CZ, DK, EE, FI, GR, HR, HU, IT, LT, LV, MD, MK, NO, RO, RS, RU, SE, SI, SK, TR, UA

Critical components			
Description	Manufacturer	Model	PIN of EC Type-ex. certificate
Multifunctional control	Honeywell	Atmix VK4305; 230 V, 50 Hz	0063C01425
Automatic control unit	Honeywell	Aurora S4962DM3177	51CQ4642

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