

## EC TYPE-EXAMINATION CERTIFICATE

Number **E 0625**



GASTEC NV, notified body **0063** hereby declares

that the **burner control units**

series **EUROGAS**

made by **Brahma S.p.A.**

**Legnago, Italy,**

complies with the essential requirements of the Gas Appliances Directive (90/396/EEC).

The compliance is based on examination to:  
EN 298 (October 1993).

PIN : 63AQ0625

Report no. : 115833/4

The products have been approved for:

Austria

Denmark

France

Ireland

The Netherlands

Sweden

Belgium

Spain

United Kingdom

Italy

Norway

Germany

Finland

Greece

Luxemburg

Portugal

A description of the specific types, valid reports and identification numbers is given in the appendices to this certificate.

Apeldoorn, **1 February 1996**

dr. L. Noordzij,  
president.

Centre of Gas Technology

**GASTEC**

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# CERTIFICATE

**EC TYPE-EXAMINATION CERTIFICATE: E 0625**

Appendix no.: 2  
 Dated: 15-06-1996  
 P.I.N.: 63AQ0625  
 Examination reports:  
 115833/4 dated June 1996

This appendix replaces appendix no. 2 dated 1 February 1996.

**EUROGAS,**  
 types VM 41/VM42

Automatic burner control systems for use on gas fired appliances (non-permanent operation).

The Brahma burner control unit, type VM 41 is suitable for forced draught burners with a maximum burner output of 120 kW.

The Brahma burner control unit, type VM 42 is suitable for forced draught burners with a maximum burner output greater than 120 kW.

The Brahma burner control units, types VM 41/VM 42 are enclosed controls intended for installation within an appliance enclosure.

Specifications:

Electrical supply : 230 Vac, 50/60 Hz.  
 Ambient temperature : -20/+60°C.  
 IP protection degree : IP 40  
 Flame detector device : ionisation  
 Applied technology : electronics

Outputs:

Fan motor : 230 Vac/ max. 3.0 A,  $\cos \Phi > 0.4$   
 Alarm : 230 Vac/ max. 1.0 A,  $\cos \Phi = 1$   
 Gas valve EV1 : 230 Vac/ max. 0.5 A,  $\cos \Phi > 0.4$   
 Gas valve EV2 : 230 Vac/ max. 0.5 A,  $\cos \Phi > 0.4$   
 External ignition : 230 Vac/ max. 2.0 A,  $\cos \Phi > 0.4$

Times:

VM 41	Pre-purge time : 20..60 s. Safety time : 2.. 5 s.
VM 42	Pre-purge time : 20.. 60s Safety time : 2..3 s.

Behaviour after flame failure:

EUROGAS, type VM 41

Flame failure during safety time causes spark restoration, followed by non volatile lockout.

Flame failure during normal operation causes recycling,  
(1x) followed by non volatile lockout.

EUROGAS, type VM 42

Flame failure during safety time causes spark restoration,  
followed by non volatile lockout.

Flame failure during normal operation causes non volatile lockout.