



RIKA Innovative Ofentechnik GmbH  
 AT-4563 Micheldorf, Müllerviertel GmbH  
 18  
 6306-CPR-07.2013

EN13240:2001/A2:2004/AC:2007

**Notified Body:** 1746  
**Intended use:** Space heating in residential buildings without possible supply of hot water  
**Name:** BACK 6 kW  
**Description:** space heating appliances fired by wood logs - system 3

|  |                          |                |
|--|--------------------------|----------------|
| <b>Height</b>  | 1336 mm                  |                |
| <b>Width</b>   | 505 mm                   |                |
| <b>Depth</b>   | 435 mm                   |                |
| <b>Fire safety</b>   | pass                     |                |
| Safety distance to combustible material  | rear                     | 100 mm         |
|  | sides                    | 100 mm         |
|  | top                      | 500 mm         |
|  | front                    | 800 mm         |
|  | floor                    | 0 mm           |
| <b>Emission of combustion products</b>   | pass                     |                |
| CO-Emission at nominal heat output   | < 0,12 %                 |                |
| CO-Emission at nominal heat output   | < 1,25 g/Nm <sup>3</sup> |                |
| <b>Release of dangerous substances</b>   | NPD                      |                |
| <b>Surface temperature</b>   | pass                     |                |
| <b>Electrical safety</b>   | pass (*)                 |                |
| <b>Cleanability</b>  | pass                     |                |
| <b>Durability</b>  | pass                     |                |
| <b>Mechanical resistance (to carry chimney)</b>  | NPD                      |                |
| <b>Maximum operating pressure</b>  | not applicable           |                |
| <b>Flue gas temperature at the measuring section at nominal heat output</b>                                  | 201,6 °C                 |                |
| <b>Flue gas temperature outlet at nominal heat output</b>  | 241,9 °C                 |                |
| <b>Thermal output</b>  | pass                     |                |
| Nominal- / part load heat output   | 6 kW                     | - kW           |
| Nominal- / part load space heat output   | 6 kW                     | - kW           |
| Nominal- / part load water heat get output folder path   | not applicable           | not applicable |
| <b>Efficiency</b>  | pass                     |                |
| Nominal- / part load Efficiency  | 84,6 %                   | - %            |
| <b>recommended fuel type</b>   | wood logs                |                |
| <b>Suitability for installation to a shared flue system</b>  | yes                      |                |
| Emission (addition)  |                          |                |
| CO wood logs   | g/Nm <sup>3</sup>        | < 1,25         |
| PM wood logs   | g/Nm <sup>3</sup>        | < 0,04         |
| OGC wood logs  | g/Nm <sup>3</sup>        | < 0,12         |
| NO <sub>x</sub> wood logs  | g/Nm <sup>3</sup>        | < 0,20         |
| Emission (requirements according AT 15A)   |                          |                |
| CO wood logs   | mg/MJ                    | < 1100         |
| PM wood logs   | mg/MJ                    | < 35           |
| OGC wood logs  | mg/MJ                    | < 50           |
| NO <sub>x</sub> wood logs  | mg/MJ                    | < 150          |
| <b>Pleas read manufacturer´s operating instructions carefully before installing and using the appliance!</b> |                          |                |

(\*) only for models with RIKATRONIC



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Signed on behalf of the manufacturer

Andreas Bloderer / product manager

Name and function

Micheldorf, 16.12.2021

Place and date of issue