„ITEM – Consult" Ltd
Notified Body for Gas Appliances and
Pressure Vessels and Equipments

CE 1837

# CERTIFICATE

## EC TYPE-EXAMINATION CERTIFICATE

### №: 1837-KPED-0073

| | |
|---|---|
| **Manufacturer's Company name and address:** | "MAVIL S.A.", 1st km Neochori Road-, 621 00 Serres, Greece. |
| **Place of production:** | "MAVIL S.A.", 1st km Neochori Road-, 621 00 Serres, Greece |
| **Type description:** | **Light oil fired central heating boilers– model FOCUS 20,30,40** |
| **Nominal thermal output (KW):** | 22; 33; 44 |
| **Max. admissible operat. pressure (bar):** | 3,0 |
| **Max. admissible temperature (°C):** | 90,0 |
| **Product date** | Stated on page 2 |
| **Energy efficiency (%):** | Stated on page 2 |
| **Conformity Report №:** | KS 073/18.11.2022 |

***"ITEM-Consult" Ltd hereby confirms, that after carried out procedure "EC Type examination-Module B", type of the boiler for heating with hot water "*Light oil fired central heating boilers– model FOCUS 20,30,40*" fulfill the essential requirements of Regulation (EU) №813/ 2013 for implementation of Directive 2009/125/EC for ecodesign of space heaters and combination heaters, introduced by Ordinance on additional measures related to the implementation of the regulations adopted pursuant to Art. 15 of Directive 2009/125 / EC of 21.10.2009 establishing a framework for the setting of ecodesign requirements for energy-related products.***

***This certificate does not allow to affix the identification number 1837 of the Notified Body.***

***Validity:*** *10 years*

Sofia, Bulgaria,21.11.2022
*(Place and date of issue)*

Manager "ITEM Consult"Ltd: (Eng. L. Vasilev)

ИТЕМ Консулт" ЕООД София

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**Product date**
**Energy efficiency of the heater**

| № | Type of the heater | FOCUS 20 | FOCUS 30 | FOCUS 40 |
|---|---|---|---|---|
| 1. | Nominal Power (output ); kW | 22,7 | 32,7 | 44,1 |
| 2. | BURNERS: | Ecoflam Max 1 | Ecoflam Max 1 | RIELLO type Gu |
| 3. | Energy efficiency at nominal heat output and temperature regime 80/60 (%) | 94 | 93 | 95 |
| 4. | Seasonal space heating energy efficiency in active mode (%) - $\eta_{son}$ | 94 | 93 | 95 |
| 5. | Seasonal energy efficiency (%)–$\eta_s$ | 90 | 89 | 88 |

Normative reference: EN 303-1:2017; EN 303-2:2017; EN 304:2017; EN 15456:2009

***Validity:*** *10 years*

Sofia, Bulgaria, 21.11.2022
*(Place and date of issue)*

Manager "ITEM Consult"Ltd:
(Eng. L.Vasilev)

"ИТЕМ Консулт" ЕООД
София