


DECLARATION OF PERFORMANCE NO. W16-16,3/03/2022
IN ACCORDANCE WITH THE REGULATION UE 305/2011


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|---|---|---|---|
| 1 | Unique identification code of the product type | KAWMET W16 (16,3 kW) ECO | |
| 2 | Intended use of the product | Room heater burning solid fuel without hot water supply | |
| 3 | Name and address of the manufacturer | ODLEWNIA KAW-MET MAREK KAWIŃSKI Sp.z o.o. Zadąbrowie 311, 37-716, Orły, Polska | |
| 4 | Name and address of the authorized representative | N/A | |
| 5 | System of AVCP | System 3 | |
| 6 | Name and identification number of the notified body | OIL AND GAS INSTITUTE- National Research Institute, 25a Lubicz Str. 31-503 Cracow, POLAND / Notified body No. 1450 | |
| | Test report no. | 4233 A1 22 / 4233 B1 22 | |
| 7 | DECLARED PERFORMANCE | | |
| | ESSENTIAL CHARACTERISTICS | PERFORMANCE | HARMONIZED TECHNICAL SPECIFICATION |
| | Fire safety: | | EN 13229:2001 EN 13229:2001/A1:2003 EN 13229:2001/A2:2004 EN 13229:2001/AC:2006 EN 13229:2001/A2:2004/AC:2007 |
| | • Reaction to fire | A1 | |
| | • Distance to combustible materials | Minimum distances (mm): Floor = 0 Front, rear, sides, ceiling = 1500 • Combustible materials inside the surround must be covered by insulation as described in the manual | |
| | • Risk of burning fuel falling out | Pass | |
| | • Safety of filling the device with fuel | Pass | |
| | • Equipping the product with adjustable and properly marked combustion air setting devices | Pass | |
| | • Cleanability | Pass | |
| | • Correct and effective operation of the device | Pass | |
| | • Release of dangerous substances | NPD | |
| | • Electrical safety | NPD | |
| | Nominal heat output | 16,3 kW | |
| | Room heating output | 16,3 kW | |
| | Water heating output | NPD | |
| | Energy efficiency ($\eta_{th,nom}$) | 80,4 % | |
| | Emission of combustion products, CO (13% O ₂) | 0,12% / 1482 mg/m ³ | |
| | Flammability | 1 h | |
| | Surface temperature | Manipulation handles: Primary air adjustment handle: 55,6 °C Furnace door handle: 67,9 °C Damper handle: 17,4 °C Secondary air adjustment handle - glass: 66,4 °C Secondary air adjustment handle - back wall: 27,1 °C • The manufacturer provides tools to ensure safe operation of the device | |
| | Flue gas temperature at nominal heat output | 271,9 °C | |
| | Maximum operating pressure | NPD | |
| | Mechanical resistance | NPD | |
| | Fuel type | Hardwood (moisture \leq 20%) | USER MANUAL |
| 8 | <i>The performance of the product identified in point 1 in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. in accordance with the regulation UE 305/2011</i> | | |

 Zadąbrowie 15.03.2022
 Place and date

ODLEWNIA "KAW-MET"
 MAREK KAWIŃSKI SP. Z O.O.
 37-716 Orły, Zadąbrowie 311
 NIP 7952568415, REGON 521473146


 Signed for and on behalf of the manufacturer
 by: CEO Marek Kawiński