

Rhein-Ruhr Feuerstätten Prüfstelle • Im Lipperfeld 34 b • 46047 Oberhausen

- ❖ Testing laboratory according to Regulation (EU) Nr. 305/2011, notified body No.: NB 1625
 - ❖ Testing, monitoring and certification body according to LBO, registered No.: NRW 15
 - ❖ Testing, monitoring and certification body in construction supervision licensing procedures
 - ❖ DIN CERTCO testing laboratory, registered No. PL139
 - ❖ Testing laboratory according to DIN EN ISO/IEC 17025:2005, DAkkS No. D-PL-17727-01-00
- The accreditation is only valid within the boundary of the certificates annex.



Certificate No. RRF - ITT 13 3282-1

Brief summary of the test results for the declaration of performance (DoP) according to regulation (EU) 305/2011 (CPR)

Product testing acc. to: EN 13240:2001/A2:2004/AC:2007 - *Roomheater fired by solid fuel*

Fulfilled requirements: 1. and 2. level of 1. BImSchV of Germany
LRV of Switzerland

Manufacturer: **HWAM A/S**
Nydamsvej 53, DK-8362 Hørning

Product: Roomheater fired by solid fuel
Type, batch, serial number: **WIKING Miro 6-sten**
WIKING Miro 4-sten, WIKING Miro 2, WIKING Miro 4, WIKING Miro 6

Purpose of the product: Room heating in buildings fitted without a boiler

Nominal heat output: **4,9 kW (-Solid fuel wood logs)**


Test result: The construction product fulfilled all requirements with the mentioned test fuels (p.2) of the above-named european standards and regulations.
Test results see page 2.

This document is a translation of the original German certificate. In case of doubts, the German version is valid.

This document replaces the certificate No. RRF - 40 13 3282 dated on 13 May 2013.



Oberhausen, 26 June 2018
(Place and date)


(Dipl.-Ing. S. Müller)
(stamp and signature of the head of the testing laboratory)

Harmonized technical specification	EN 13240:2001/A2:2004/AC:2007	
Characteristics:	Performance:	
Fire safety	Pass	
Reaction to fire	A1	
<u>Minimum distances to combustibles:</u>		
Position of the fireplace in the trihedron	90°	45°
floor	mm	---
rear / sides / ceiling	mm	100 / 310 / ---
in range of the inspection window	mm	900
Risk of burning fuel falling out	Pass	
Cleanability	Pass	
Emissions of combustion products based on 13% O₂		
Test results with test fuel	Beech logs	
	%	CO [0,09%]
CO	mg/m ³	1125
PM (Particles)	mg/m ³	18,2
NO _x	mg/m ³	114
OGC	mg/m ³	66
Surface temperature	Pass	
Electrical safety	NPD	
Release of hazardous substances	NPD	
Mechanical resistance (to carry a flue)	Pass	
Thermal output/Energy efficiency	Pass	
Nominal heat output	kW	4,9
Space heat output	kW	4,9
Efficiency	η [%]	78
Flue gas temperature (measurment section)	T [°C]	295
"Wertetripel" for calculating the flue according to DIN EN 13384-1 and 13384-2		
Flue gas mass flow accor. to nominal heat output	ṁ [g/s]	4,5
Flue gas temperature measured on flue spigot	t [°C]	326
Mean flue draught according to nominal heat output	p [Pa]	12
Operating mode	intermittent burning	
The roomheater is suitable for installation in a shared flue system.		

