

- ❖ 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 17025:2018, DAkkS No. D-PL-17727-01-00
- The accreditation is only valid within the boundary of the certificates annex.

Certificate No. RRF - ITT 20 5541-1

Brief summary of the test results for the declaration of performance (DoP) according to regulation (EU) 305/2011 (CPR) from test report No. RRF - 40 20 5541

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
Amendment according to Art. 15a B-VG of the Republic of Austria
LRV of Switzerland
Royal Decision No. 2010-3943 (level 1, 2 and 3) of Belgium
Danish regulation for combustion plants (regulering af luftforurening fra fyringsanlæg til fast brændsel under 1 MW)

Manufacturer: **Varde Ovne A/S**
Pottemagervej 1, DK-7100 Vejle

Product: Roomheater fired by solid fuel
Type, batch, serial number: **Aura 7**

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

Nominal heat output: **5 kW (-Solid fuel wood logs)**

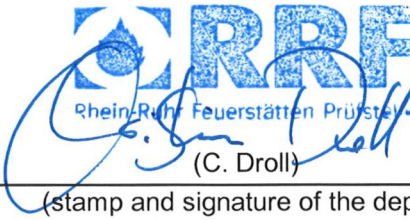
Test result: The construction product fulfilled all requirements with the mentioned test fuels (p.2) of the above-named european standards and regulations.

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

This document replaces the document no. RRF - ITT 20 5541 dated on 20 August 2020.

Oberhausen, 28 September 2020

(Place and date)


Rhein-Ruhr Feuerstätten Prüfstelle
(C. Droll)

(stamp and signature of the deputy 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°	90° *)	45° *)
floor	mm: 0	0	0
rear / sides / ceiling	mm: 150 / 350 / ---	75 / 150 / ---	75 **)
in range of the inspection window (d_P / d_L / d_F)	mm: 900 / 0 / 0	900 / 0	900 / 0
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 [0,1%]	
CO	mg/m ³ :	1250	
PM (Particles)	mg/m ³ :	21	
NO _x	mg/m ³ :	111	
C _{OGC}	mg/m ³ :	97	
<u>Emissions in flue gas based on energy</u>			
(Evaluation according to the requirements of "Art. 15a B-VG über Schutzmaßnahmen betreffend Kleinfeuerungen" in Austria)			
CO	mg/MJ:	860	
PM (Particles)	mg/MJ:	12	
NO _x	mg/MJ:	79	
C _{OGC}	mg/MJ:	41	
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	5,0	
Space heat output (acc. to CPR for specification in the DoP)	kW	5,0	
Efficiency	η [%]	81	
Flue gas temperature (measurement section)	T [°C]	265	
"Wertetripel" for calculating the flue according to DIN EN 13384-1 and 13384-2 (accor. to nominal heat output)			
Flue gas mass flow	ṁ [g/s]	4,6	
Flue gas spigot temperature	t [°C]	318	
Minimum flue draught	p [Pa]	12	
Operating mode	intermittent burning		
The roomheater is not suitable for installation in a shared flue system.			
Comment:			
*) Safety test on a brick wall according to the Norwegian building requirements			
**) shortest distance to the lateral test wall			
Decision rule 1: A positive conformity statement is made for values within the specification (requirement) but also within the uncertainty range (measurement uncertainty for the respective value). The conformity statement was made without taking into account the measurement uncertainty.			

