SCHIEDEL

Declaration about qualities according to the Regulation (EU) 305/2011
No: CPR_POLARIS

EN

1.	Unique identifying code of the product type Type, series, serial number or any other element enabling the identification of construction products	POLARIS Type BE
2.	Intended use of the construction product in accordance with the appropriate harmonised technical specification	Residential solid fuel burning appliance without water heating.
3.	Name, company or registered trademark and contact address of the producer	**ROMOTOP spol. s r.o.** Komenského 325, 742 01 Suchdol nad Odrou, Czech Republic
4.	Authorised representative	**Schiedel GmbH & Co. KG,** Lerchenstraße 9, 80995 München, Germany
5.	System(s) of assessment and control of stability of properties of construction products	3
6.	Report: Assessment of the Performance of Contruction Product Test report no. Nominated test laboratory Harmonised technical specification	1015-AoP-30-17623-2-TZ / 2025-10-13 30-17623-2-T / 2025-10-01 NB1015, Strojírenský zkušební ústav, s.p., Hudcova 424/56b, 62100 Brno EN 16510-1 ed.2:2023 | EN 16510-2-2:2022

7. Declared qualities stated

Product type	Principal dimensions (mm)			Nominal heat output (kW)	Hot-water exchanger nominal heat output (kW)	Fuel consumption (kg/h)	Flue pipe deameter (mm)	Flue draught (Pa)
	Height	Width	Depth					
POLARIS	1341	805	574	7,8	---	2,20	150-200	12

Main characteristics — Wood-fireplace insert type — 153A-031

Fire safety		Fulfilled			
Protection of flammable materials		**Minimum distance from flammable materials**		**from nonflammable materials**	
Back	d_R	0	d_{Rnon}	---	mm
Front	d_P	1200		---	mm
Front to the floor	d_F	500		---	mm
Side	d_S	800	d_{Snon}	---	mm
Side with glass	d_{S1}	440		---	mm
Side – niche	d_{S2}	---	d_{S2non}	---	mm
Side – location 45°	d_{S3}	---		---	mm
Side radiation	d_L	0		---	mm
From the floor	d_B	50		---	mm
From the ceiling	d_C	500		---	mm
Type of material and thickness of any protective insulation material(s)		SILCA 250 – 40 mm		---	
Hygiene, health and environmental protection		**At nominal heat output**		**At part load heat output**	
Emissions carbon monoxide	CO 13 % O_2	1182		---	mg/Nm³
Emissions oxides of nitrogen	NO_x 13 % O_2	83		---	mg/Nm³
Emissions organic carbon gas	OGC 13 % O_2	42		---	mg/Nm³
Emissions particulate matter	PM 13 % O_2	38		---	mg/Nm³
Safety and accessibility in use					
Flue gas outlet temperature	T_{snom}	268	T_{spart}	---	°C
Minimum flue draught	p_{nom}	12	p_{part}	---	Pa
Dry flue gas mass flow rate	$\Phi_{f,g\,nom}$	6,0	$\Phi_{f,g\,part}$	---	g/s
Saving energy and heat		**At nominal heat output**		**At part load heat output**	
Room thermal heating output	P_{nom}	7,8	P_{part}	---	kW
Water thermal heating output	P_{Wnom}	NPD	P_{Wpart}	---	kW
Efficiency	η_{nom}	82	η_{part}	---	%
Seasonal space heating energy efficiency	η_s	72		---	%
Energy Efficiency Index	EEI	109		---	
Energy efficiency classification – class		A+		---	
Electricity consumption	el_{max}	---	el_{min}	---	kW
Electricity consumption in standby mode	el_{SB}	---		---	kW
Sustainable use of natural resources					
Environmental sustainability		NPD		---	

***) „NPD" (No Performance Determined), if no quality is stated**

8. The characteristics of the above-mentioned product are in conformity with the declared characteristics. This declaration of performance is made under the sole responsibility of the above-mentioned manufacturer in accordance with Regulation (EU) No 305/2011.

The characteristics of the product(s) referred to in points 1 and 2 comply with the characteristics referred to in point 7.

Ing. Vladimír Krajíček
Product and innovative manager

ROMOTOP spol. s r.o.
Komenského 325
742 01 Suchdol nad Odrou
IČ: 47678186, DIČ: CZ47678186

Processed by and on behalf of the manufacturer:
Mgr. Ondřej Šuba
Technician

Suchdol nad Odrou, 13.10.2025