

We hereby,

NIKO THERM ENGINEERING Ltd

Maritsa str. 20

5100 Gorna Oryahovitsa, Republic of Bulgaria

We declare under our sole responsibility that the pellet heating boiler model **Expert 20/30/50** (in combination with the RB burner) developed by us has been manufactured under an implemented and maintained production control system and complies with the requirements of:

Directives of the European Parliament and of the Council:

Directive 2006/42/EC	Safety of machinery
Directive 2014/30/EC	Electromagnetic compatibility
Directive 2014/35/EC	Low-voltage equipment

Хармонизирани стандарти:

BDS EN 303-5:2012	Heating boilers
BDS EN 61000-6-3:2007+A1:2011	Electromagnetic compatibility (EMC). Part 6-3: Generic standards.
BDS EN 55014-1:2017	Electromagnetic compatibility. Part 1: Emissions.
BDS EN 60335-1:2012	Household and similar electrical appliances. Safety.
	Part 1 General equipment
BDS 60335-2-1-2:2016	Household and similar electrical appliances. Safety.
	Part-102: Particular requirements

Test reports:

№ 2a-19-010/14.03.2019r.	issued by an accredited testing
№ 2EMC-19-010/14.03.2019r.	"Testing of Machines, Equipment, and Devices" Laboratory
№ 2EMC-И-19-010/14.03.2019r.	to the CENTER FOR TESTING AND EUROPEAN CERTIFICATION,
	Stara Zagora
№ SFB-04-2019	issued by the accredited laboratory Kontrol-94 OOD,
	Gorna Oryahovitsa, under Certificate No. 122 LI dated 30 September 2016.

Declared performance characteristics

Thermal power output	nominal	reduced
	20kW/26kW/50kW	5kW/7,8kW/10kW
Fuel consumption	6,12 kg/h	1,86 kg/h
CO emissions in combustion products at 10% O ₂	432 mg/m ³	294 mg/m ³
Flue gas temperature	133°	90°
Efficiency	89%	88,3%
Maximum water operating pressure	2 bar	

Emissions in combustion products at 10%		
PM (mg/m ³)	30,8 mg/m ³	18 mg/m ³
OGC (mg/m ³)	19,85 mg/m ³	19,68 mg/m ³

Signed for and on behalf of the manufacturer:
10.09.2026:

Gorna Oryahovitsa

Manager:
(eng. Nikolay Tsvetanov)

