DECLARATION OF PERFORMANCE

N21F-CPR-2021/08/31-GB



PRODUCT

Product type Sheet Steel Insert
Type designation N-21F Exclusive

Product identificationSee serial number plate on productIntended area of useHeating of rooms in residential buildings

Fuel Wood

MANUFACTURER

Name Nordpeis AS

Address Gjellebekkstubben 11 3420 Lierskogen, Norway

CHECKS

According to AVCP System 3

Standard EN 13229:2001/A2:2004/AC:2007

Test instituteRein-Ruhr Feuerstatätten Prüfstelle, NB 1625
has checked declared performance and issued

test report no. RRF - NS 21 5701, RRF - 29 21 5701

DECLARED PERFORMANCE

Essential Characteristic Reaction to fire A1 Minimum distances to non-combustible material 20 mm back 20 mm side other safety distances according product manual Risk of falling embers Emission from combustion: Carbon monoxide at 13% O ₂ Oxygen nitride NOx at 13% O ₂ Organic Gaseous Carbon at 13% O ₂ Particulate Matter at 13 O ₂ Surface temperatures Cleanability Approved Mechanical durability Releases of Hazardous Substances Nominal output P = 6,0 kW Flue gas temperature at nominal output specification					
Minimum distances to non-combustible material 20 mm back 20 mm side other safety distances according product manual Risk of falling embers Emission from combustion: Carbon monoxide at 13% O ₂ CO = 1125 mg / m³ Oxygen nitride NOx at 13% O ₂ NOx = 69 mg / m³ Organic Gaseous Carbon at 13% O ₂ Particulate Matter at 13 O ₂ Surface temperatures Cleanability Approved Mechanical durability Approved Nominal output P = 6,0 kW Flue gas temperature at nominal output 12 mg / m³ Approved Approved Releases of Hazardous Substances Nominal output Table 293 °C	Essential Characteristic		Performa	Harmonized technical specification	
20 mm side other safety distances according product manual Risk of falling embers Emission from combustion: Carbon monoxide at 13% O ₂ Oxygen nitride NOx at 13% O ₂ Particulate Matter at 13 O ₂ Surface temperatures Cleanability Mechanical durability Approved Nominal output P = 6,0 kW Flue gas temperature at nominal output Lag according product manual Approved EN 13229:2001 / A2:2004 /AC:2007 EN 13229:2001 / A2:2004 /AC:2007 Approved Approved Approved Approved Nominal output P = 6,0 kW Flue gas temperature at nominal output t _a = 293 °C	Reaction to fire	A1			
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Carbon monoxide at 13% O ₂ Oxygen nitride NOx at 13% O ₂ Organic Gaseous Carbon at 13% O ₂ Particulate Matter at 13 O ₂ Surface temperatures Cleanability Approved Mechanical durability Releases of Hazardous Substances Nominal output Approved P = 6,0 kW Flue gas temperature at nominal output CO = 1125 mg / m³ EN 13229:2001 / A2:2004 /AC:2007 A2:2004 /AC:2007 A2:2004 /AC:2007	Risk of falling embers	Approved	t		
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Organic Gaseous Carbon at 13% O ₂ Particulate Matter at 13 O ₂ PM = 12 mg / m ³ Surface temperatures Approved Cleanability Approved Mechanical durability Approved Releases of Hazardous Substances Nominal output P = 6,0 kW Flue gas temperature at nominal output t _a = 293 °C	Carbon monoxide at 13% O ₂	CO =	1125	mg/m^3	
Organic Gaseous Carbon at 13% O ₂ Particulate Matter at 13 O ₂ PM = 12 mg / m ³ Surface temperatures Approved Cleanability Approved Mechanical durability Approved Releases of Hazardous Substances Nominal output P = 6,0 kW Flue gas temperature at nominal output A2:2004 /AC:2007 A2:2004 /AC:2007	Oxygen nitride NOx at 13% O ₂	NOx =	69	mg/m^3	FN 13229:2001 /
Surface temperatures Approved Cleanability Approved Mechanical durability Approved Releases of Hazardous Substances Approved Nominal output P = 6,0 kW Flue gas temperature at nominal output t _a = 293 °C	Organic Gaseous Carbon at 13% O ₂	OGC =	63	mg/m^3	1
Cleanability Approved Mechanical durability Approved Releases of Hazardous Substances Approved Nominal output P = 6,0 kW Flue gas temperature at nominal output t _a = 293 °C	Particulate Matter at 13 O ₂	PM =	12	mg/m^3	
Mechanical durability Releases of Hazardous Substances Approved Nominal output P = 6,0 kW Flue gas temperature at nominal output t _a = 293 °C	Surface temperatures	Approved	d		
Releases of Hazardous Substances Approved Nominal output $P = 6,0 \text{ kW}$ Flue gas temperature at nominal output $t_a = 293 \text{ °C}$	Cleanability	Approved	d		
Nominal output $P = 6.0$ kW Flue gas temperature at nominal output $t_a = 293$ °C	Mechanical durability	Approved	d		
Flue gas temperature at nominal output t _a = 293 °C	Releases of Hazardous Substances	Approved	t		
	Nominal output	P =	6,0	kW	
Energy efficiency η = 80,0 %	Flue gas temperature at nominal output	t _a =	293	°C	
	Energy efficiency	η=	80,0	%	

The udersigned is responsible for the manufacture and conformity with declared performance

Stian Varre, CEO Nordpeis AS Lierskogen, 12.06.2024