

Nordpeis Orion Extra Shield

SUPPLEMENT TO MANUAL

Produkt no: SN-00000-002
Last updated: 04.01.2018

Nordpeis AS
 Gjellebekkstubben 11
 3420 Lierskogen, Norway
Orion-CPR-2013/09/10



Orion

EN 13240:2001/A2:2007

Heating of living accomodation / Kamin zum Heizen mit festen Brennstoffen

Year of Approval / Zulassungsjahr **2009**

Fire safety:	Feuersicherheit :	
Reaction to fire:	Brandverhalten:	A1 WT
Distance to combustibile:	Abstand zu brennbaren Materialien:	
Behind :	Hinten :	100mm
Beside :	Seitlich :	700 mm
Emission of combustion	Emissionswerte:	
	CO:	0,12% vol
	NOx:	76mg/m ³
	OGC:	49mg/m ³
	PM:	33mg/m ³
Surface temperature:	Oberflächentemperatur:	Pass / Bestanden
Machanical resistance:	Mechanischer Widerstand:	Pass / Bestanden
Cleanability:	Reinigungsfähigkeit:	Pass / Bestanden
Thermal Output:	Nennwärmeleistung - NWL	3kW
Energy efficiency:	Wirkungsgrad:	84,2 %
Flue gas temperature:	Abgastemperatur:	181 °C
Fuel types:	Brennstoff:	Wood logs / Scheitholz

Intermittent burning / Zeitbrandfeuerstätte
 Read and follow the manual / Lesen und befolgen Sie die Bedienungsanleitung
 Double allocation is acceptable / Mehrfachbelegung des Schornsteins ist zulässig

Complies with / Entspricht folgenden Standards:	Test report / Prüfbericht Nr :
Art 15a B-VG; LRV of Switzerland NS/3058 / 59	SINTEF 846042.07A SP P0 09503-1 RRF 40 09 1922

SN:

Technical parameters for solid fuel local space heaters

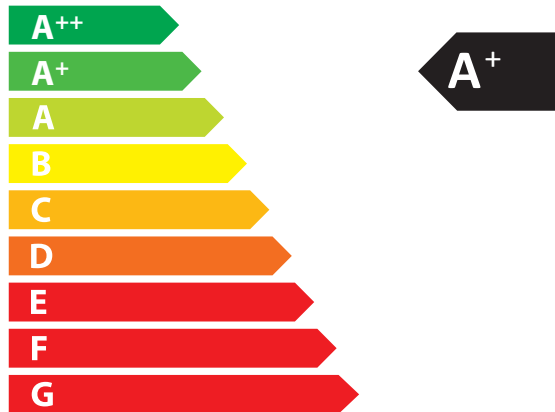
Model identifier(s): Orion							
Indirect heating functionality: no							
Direct heat output: 3 (kW)							
Fuel	Preferred fuel (only one):			Other suitable fuel(s):			
Wood logs with moisture content ≤ 25 %	yes			no			
Compressed wood with moisture content < 12 %	no			no			
Other woody biomass	no			no			
Non-woody biomass	no			no			
Anthracite and dry steam coal	no			no			
Hard coke	no			no			
Low temperature coke	no			no			
Bituminous coal	no			no			
Lignite briquettes	no			no			
Peat briquettes	no			no			
Blended fossil fuel briquettes	no			no			
Other fossil fuel	no			no			
Blended biomass and fossil fuel briquettes	no			no			
Other blend of biomass and solid fuel	no			no			
Characteristics when operating with the preferred fuel							
Seasonal space heating energy efficiency η_s [%]: 84,2							
Energy Efficiency Index (EEI): 112,8							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Heat output				Useful efficiency (NCV as received)			
Nominal heat output	P_{nom}	3	kW	Useful efficiency at nominal heat output	$\eta_{th,nom}$	84,2	%
Auxiliary electricity consumption				Type of heat output/room temperature control (select one)			
At nominal heat output	e_{max}		kW	single stage heat output, no room temperature control		no	
At minimum heat output	e_{min}		kW	two or more manual stages, no room temperature control		yes	
In standby mode	e_{sb}		kW	with mechanic thermostat room temperature control		no	
				with electronic room temperature control		no	
				with electronic room temperature control plus day timer		no	
				with electronic room temperature control plus week timer		no	
				Other control options (multiple selections possible)			
				room temperature control, with presence detection		no	
				room temperature control, with open window detection		no	
				with distance control option		no	
Permanent pilot flame power requirement							
Pilot flame power requirement (if applicable)	P_{pilot}		kW				
Contact details		Name and address of the supplier: Nordpeis AS, Gjellebekkstubben 11, N-3420 LIERSKOGEN, Norway					



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Nordpeis AS.

Nordpeis Orion



3,0
kW

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2015/1186

 Nordpeis

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