

Information requirements for solid fuel local space heaters	
Model/Name:	LIBERA 8
Trademark:	NOBIS
Indirect heating functionality:	No
Direct heat output:	8,1
Indirect heat output:	--

Fuel:	Preferred fuel:	Other suitable fuel(s):	$\eta_s\%$ (*)	Specie heating emissions at nominal heat output (*)				Specie heating emissions at minimum heat output (*)			
				P	COG	CO	NOX	P	COG	CO	NOX
				mg/Nm ³ (13% O ₂)				mg/Nm ³ (13% O ₂)			
Wood logs with moisture content ≤ 25 %	Yes	No	75,3	8	27	570	94	--	--	--	--
Compressed wood with moisture content < 12 %	No	No	--	--	--	--	--	--	--	--	--

Characteristics when operating with the preferred fuel only

Heat output			
Nominal heat output:	P _{nom}	8,1	kW
Minimum heat output (indicative):	P _{min}	--	kW

Useful efficiency (NCV as received)			
Useful efficiency at nominal heat output:	$\eta_{th,nom}$	85,3	%
Useful efficiency at minimum heat output (indicative):	$\eta_{th,min}$	--	%

Auxiliary electricity consumption			
At nominal heat output:	e _{l,max}	--	kW
At minimum heat output:	e _{l,min}	--	kW
In standby mode:	e _{l,sb}	--	kW

Permanent pilot flame power requirement			
Pilot flame power requirement:	P _{pilot}	--	kW

Type of heat output/room temperature control F(2):	Single stage heat output, no room temperature control	No
	Two or more manual stages, no room temperature control	No
	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 F(3) (multiple selections possible):	Room temperature control, with presence detection	No
	Room temperature control, with open window detection	No
	With distance control option	No

Energy efficiency class:	A+
Energy efficiency index (EEI):	114

Note: (*) η_s = seasonal energy efficiency, PM = particulate matter, OGC = organic gaseous compounds, CO = carbon monoxide, Nox = nitrogen oxides

		DECLARATION ACCORDING COMMISSION REGULATION (EU) 2015/1185 April 2015 and ACCORDING COMMISSION DELEGATED REGULATION (EU) 2015/1186 April 2015									
Information requirements for solid fuel local space heaters											
Model/Name:				LIBERA 11 V - LIBERA 11 C							
Trademark:				NOBIS							
Indirect heating functionality:				No							
Direct heat output:				11,6							
Indirect heat output:				--							
Fuel:	Preferred fuel:	Other suitable fuel(s):	$\eta_s\%$ (*)	Specie heating emissions at nominal heat output (*)				Specie heating emissions at minimum heat output (*)			
				P	COG	CO	NOX	P	COG	CO	NOX
				mg/Nm ³ (13% O ₂)				mg/Nm ³ (13% O ₂)			
Wood logs with moisture content ≤ 25 %	No	No	--	--	--	--	--	--	--	--	--
Compressed wood with moisture content < 12 %	Yes	No	89,5	9	7	114	97	6	5	134	94
Characteristics when operating with the preferred fuel only											
Heat output											
Nominal heat output:		P _{nom}	11,6					kW			
Minimum heat output (indicative):		P _{min}	4					kW			
Useful efficiency (NCV as received)											
Useful efficiency at nominal heat output:		$\eta_{th,nom}$	91,7					%			
Useful efficiency at minimum heat output (indicative):		$\eta_{th,min}$	92,6					%			
Auxiliary electricity consumption											
At nominal heat output:		e _{l,max}	0,0108					kW			
At minimum heat output:		e _{l,min}	0,0085					kW			
In standby mode:		e _{l,sb}	0,0019					kW			
Permanent pilot flame power requirement											
Pilot flame power requirement:		P _{pilot}	--					kW			
Type of heat output/room temperature control F(2):		Single stage heat output, no room temperature control					No				
		Two or more manual stages, no room temperature control					No				
		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					Yes				
Other control options F(3) (multiple selections possible):		Room temperature control, with presence detection					No				
		Room temperature control, with open window detection					No				
		With distance control option					Yes				
Energy efficiency class:		A++									
Energy efficiency index (EEI):		131									

Note: (*) η_s = seasonal energy efficiency, PM = particulate matter, OGC = organic gaseous compounds, CO = carbon monoxide, Nox = nitrogen oxides