

Information requirements for solid fuel local space heaters

Model/Name:	N70 6kW V - N70 6kW C
Trademark:	NOBIS
Indirect heating functionality:	No
Direct heat output:	6,3
Indirect heat output:	--

Fuel:	Preferred fuel:	Other suitable fuel(s):	η_s (%) (*)	Specie heating emissions at nominal heat output (*)				Specie heating emissions at minimum heat output (*)			
				P	COG	CO	NOX	P	COG	CO	NOX
Wood logs with moisture content ≤ 25 %	No	No	--	--	--	--	--	--	--	--	--
Compressed wood with moisture content < 12 %	Yes	No	90,3	8	4	40	94	6	6	162	87

Characteristics when operating with the preferred fuel only

Heat output			
Nominal heat output:	P_{nom}	6,3	kW
Minimum heat output (indicative):	P_{min}	3	kW

Useful efficiency (NCV as received)			
Useful efficiency at nominal heat output:	$\eta_{th,nom}$	94,1	%
Useful efficiency at minimum heat output (indicative):	$\eta_{th,min}$	94	%

Auxiliary electricity consumption			
At nominal heat output:	$e_{l,max}$	0,0600	kW
At minimum heat output:	$e_{l,min}$	0,0400	kW
In standby mode:	$e_{l,SB}$	0,0020	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):	133

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