TECHNICAL PARAMETERS FOR SOLID FUEL LOCAL SPACE HEATERS EU 2015/1185 OF 24. APRIL 2015

Model identifier(s): Scan 1003 CS-HE	
Indirect heating functionality	No
Direct heat output…(kW)	8
Indirect heat output…(kW)	N.A

Fuel	Preferred fuel (Only one)	Model identifier(s)	Emissions from space heating at nominal heat output			
			PM	OGC	CO	NO_x
			[X] mg/Nm_3 (13 % O_2)			
Wood logs with moisture content ≤ 25%	Yes	No	29	59	1105	83
Compressed wood with moisture content < 12%	No	No				
Other 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 [%]	76
Energy Efficiency Class	A+
Energy Efficiency Index (EEI)	115

Item	Symbol	Value	Unit
Heat output			
Nominal heat output	P_{nom}	8	kW
Minimum heat output (indicative)	P_{min}	N.A.	kW
Auxiliary electricity consumption			
At nominal heat output	el_{max}	x,xxx	kW
At minimum heat output	el_{min}	x,xxx	kW
In standby mode	el_{SB}	x,xxx	kW
Permanent pilot flame power requirement			
Pilot flame power requirement (if applicable)	P_{pilot}	N.A.	kW

Item	Symbol	Value	Unit
Use efficiency (NCV as received)			
Useful efficiency at nominal heat output	$\eta_{th,nom}$	86	%
Useful efficiency at minimum heat output (indicative)	$\eta_{th,min}$	N.A.	%

Type of heat output/room temperature control (select one)		
single stage heat output, no room temperature control	[yes/no]	
two or more manual stages, no room temperature control	[yes/no]	Yes
with mechanic thermostat room temperature control	[yes/no]	
with electronic room temperature control	[yes/no]	
with electronic room temperature control plus day timer	[yes/no]	
with electronic room temperature control plus week timer	[yes/no]	
Other control options (multiple selections possible)		
room temperature control, with presence detection	[yes/no]	
room temperature control, with open window detection	[yes/no]	
with distance control option	[yes/no]	

Contact details	Name and address of the supplier:
	Brian Ørum, R&D Manager, Scan A/S, Denmark