


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

Model identifier(s): Scan 5006 FR/FL							
Indirect heating functionality		No					
Direct heat output...(kW)		4.5					
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	38	64	1070	99	
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 [%]		-					
Energy Efficiency Class		A+					
Energy Efficiency Index (EEI)		111					
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Heat output				Use efficiency (NCV as received)			
Nominal heat output	P _{nom}	4.5	kW	Useful efficiency at nominal heat output	$\eta_{th, nom}$	83.56	%
Minimum heat output (indicative)	P _{min}	N.A.	kW	Useful efficiency at minimum heat output (indicative)	$\eta_{th, min}$	N.A.	%
Auxiliary electricity consumption				Type of heat output/room temperature control (select one)			
At nominal heat output	el _{max}	x,xxx	kW	single stage heat output, no room temperature control		[yes/no]	
At minimum heat output	el _{min}	x,xxx	kW	two or more manual stages, no room temperature control		[yes/no]	Yes
In standby mode	el _{SB}	x,xxx	kW	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]	
Permanent pilot flame power requirement							
Pilot flame power requirement (if applicable)	P _{pilot}	N.A.	kW				
Contact details	Name and address of the supplier:						
	 Brian Ørum, R&D Manager, Scan A/S, Denmark						