

Technical parameters for solid fuel local space heaters

EU 2015/1186 of 24 April 2015

Model identifier(s): JØTUL FS 520 F, JØTUL FS 520 FRL

Indirect heating functionality: no

Direct heat output (kW): 7,5 kW

Indirect heat output (kW): N.A

Fuel	Preferred fuel (only one):	Other suitable fuel(s):
Wood logs with moisture content $\leq 25\%$	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 [%]: 77%

Energy Efficiency Index (EEI): 102

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Heat output				Useful efficiency (NCV as received)			
Nominal heat output	P_{nom}	7,5	kW	Useful efficiency at nominal heat output	$\eta_{th,nom}$	67	%
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	e_{lmax}	x,xxx	kW	single stage heat output, no room temperature control	[yes/no]		
At minimum heat output	e_{lmin}	x,xxx	kW	two or more manual stages, no room temperature control	[yes/no]	Yes	
In standby mode	e_{lsb}	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				Signature:  Espen Auensen, R&D Manager			
Pilot flame power requirement (if applicable)	P_{pilot}	N.A.	kW				

Contact details Name and address of the supplier: Jøtul AS, P.O. box 1411, 1602 Fredrikstad, Norway