## Technical parameters for solid fuel local space heaters EU 2015/1186 of 24 April 2015

Model identifier(s): Jøtul F 100 ECO.2Indirect heating functionality:Direct heat output...(kW)4,9

Fuelfuel (only one):suitable fuel(s):PMWood logs with moisture content < 25%YesNo25Compressed wood with moisture content < 12%NoNo25Compressed wood with moisture content < 12%NoNo0Other woody biomassNoNoNo0Non-woody biomassNoNoNo00Anthracite and dry steam coalNoNoNo0Hard cokeNoNoNo00Low temperature cokeNoNoNo0Bituminous coalNoNoNo0Lignite briquettesNoNoNo0Peat briquettesNoNoNo0Blended fossil fuel briquettesNoNoNo0Other fossil fuel briquettesNoNoNo0Blended biomass and fossil fuel briquettesNoNoNo0Other blend of biomass and solid fuelNoNoNo0Characteristics when operating with the preferred fuelSeasonal space heating energy efficiency $\eta_s$ [%]: 70Energy Efficiency Index (EEI): 106ItemSymbolValueItemSymbol	(x) m	PGC CO ng/Nm <sup>3</sup> (13% 104 134 	0 <sub>2</sub> )
Wood logs with moisture content < 25%			
Compressed wood with moisture content < 12%			
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 n <sub>s</sub> [%]: 70         Energy Efficiency Index (EEI): 106       No       No			
Non-woody biomassNoNoAnthracite and dry steam coalNoNoHard cokeNoNoLow temperature cokeNoNoBituminous coalNoNoLignite briquettesNoNoPeat briquettesNoNoBlended fossil fuel briquettesNoNoOther fossil fuelNoNoBlended biomass and fossil fuel briquettesNoNoOther blend of biomass and solid fuelNoNoCharacteristics when operating with the preferred fuelSeasonal space heating energy efficiency $\eta_s$ [%]: 70Energy Efficiency Index (EEI): 106NoNo			
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 ns [%]: 70         Energy Efficiency Index (EEI): 106       Image: Seasonal space heating energy efficiency ns [%]: 70			
Hard cokeNoNoLow temperature cokeNoNoBituminous coalNoNoLignite briquettesNoNoPeat briquettesNoNoBlended fossil fuel briquettesNoNoOther fossil fuelNoNoBlended biomass and fossil fuel briquettesNoNoOther blend of biomass and solid fuelNoNoCharacteristics when operating with the preferred fuelSeasonal space heating energy efficiency $\eta_s$ [%]: 70Energy Efficiency Index (EEI): 106NoNo			
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 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 $\eta_s$ [%]: 70         Energy Efficiency Index (EEI): 106       Image: Seasonal space heating energy efficiency $\eta_s$ [%]: 70			
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         Other blend of biomass and solid fuel       No       No         Characteristics when operating with the preferred fuel       Seasonal space heating energy efficiency $\eta_s$ [%]: 70         Energy Efficiency Index (EEI): 106       Image: space function of the space fu			
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         Other blend of biomass and solid fuel       No       No         Characteristics when operating with the preferred fuel       Seasonal space heating energy efficiency $\eta_s$ [%]: 70         Energy Efficiency Index (EEI): 106       Image: Comparison of the state of			
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 ns [%]: 70         Energy Efficiency Index (EEI): 106       Image: Comparison of the state of the s			
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 <b>Characteristics when operating with the preferred fuel</b> Seasonal space heating energy efficiency ns [%]: 70         Energy Efficiency Index (EEI): 106			
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 <sub>s</sub> [%]: 70       Energy Efficiency Index (EEI): 106			
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 <sub>s</sub> [%]: 70         Energy Efficiency Index (EEI): 106       Image: Comparison of the preferred fuel			
Other blend of biomass and solid fuel       No       No         Characteristics when operating with the preferred fuel       Seasonal space heating energy efficiency $\eta_s$ [%]: 70         Energy Efficiency Index (EEI): 106       Image: Comparison of the preferred fuel			
Characteristics when operating with the preferred fuel Seasonal space heating energy efficiency n <sub>s</sub> [%]: 70 Energy Efficiency Index (EEI): 106			
Seasonal space heating energy efficiency η <sub>s</sub> [%]: 70 Energy Efficiency Index (EEI): 106			
Energy Efficiency Index (EEI): 106			
Item Symbol Value Item Syn			
	nbol	Value	Unit
Heat output Useful efficiency (NCV a	s receiv	ved)	
Nominal heat Useful efficiency at		80	
output P <sub>nom</sub> 4,9 kW nominal heat $\eta_{th,r}$	iom	80	%
output			
Minimum heat Useful efficiency at			
output (indicative) P <sub>min</sub> N.A. kW minimum heat $\eta_{th,r}$	nin	N.A.	%
output (indicative)			
Auxiliary electricity consumption Type of heat output/room		ature contro	l (select or
At nominal heat el <sub>max</sub> x,xxx kW single stage heat output, no	lves/nol		Yes
output , temperature control		[;;::;;:::]	
At minimum heat el <sub>min</sub> x,xxx kW two or more manual stages,	no	[yes/no]	No
output room temperature control		[;;::;;	
In standby mode el <sub>SB</sub> x,xxx kW with mechanic thermostating	oom	[yes/no]	No
temperature control		., , ,	
with electronic room temper	ature	[yes/no]	No
control	ratura		+
with electronic room temper control plus day timer	ature	[yes/no]	No
with electronic room temper	raturo		-
control plus week timer	ature	[yes/no]	No
Other control options (mu	ltiple sel	lections nos	sible)
room temperature control, v	-		
presence detection		[yes/no]	No
room temperature control, v	with	<b>.</b> .	+
open window detection		[yes/no]	No
with distance control option		[yes/no]	No
	I	.,	
	Λ		
Pilot flame power requirement (if P <sub>pilot</sub> N.A. kW Espen Auens	Ave	enser	4
requirement (if P <sub>pilot</sub> N.A. kW	en R&	D manager	
applicable) Espen Auens		L manager	
Contact details Name and address of the supplier: Jøtul AS, P.O. box 1411, 1602	Fradriket	tad Norway	
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