

**Technical parameters for solid fuel boilers  
according to Table 4 of Annex IV on regulation 2015/1187**

Model identifier: Cast iron sectional hot water boiler for solid fuel, Kappa KP-7		
Stoking mode: Manual		
Condensing boiler: No		
Solid fuel cogeneration boiler: No	Combination boiler: No	
Fuel	Preferred fuel (only one):	Other suitable fuel(s):
Log wood, moisture content $\leq$ 25 %	yes	no
Chipped wood, moisture content 15-35 %	no	no
Chipped wood, moisture content $>$ 35 %	no	no
Compressed wood in the form of pellets or briquettes	no	no
Sawdust, moisture content $\leq$ 50 %	no	no
Other woody biomass	no	no
Non-woody biomass	no	no
Bituminous coal	no	no
Brown coal (including briquettes)	no	yes
Coke	no	no
Anthracite	no	no
Blended fossil fuel briquettes	no	no
Other fossil fuel	no	no
Blended biomass (30-70 %) and fossil fuel briquettes	no	no
Other blend of biomass and fossil fuel	no	no

**Characteristics when operating with the preferred fuel:**Seasonal space heating energy efficiency  $\eta_s$  [%]: **60**Energy efficiency index EEI: **B**

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Useful heat output				Useful efficiency			
At rated heat output	$P_n^{(***)}$	42	kW	At rated heat output	$\eta_n$	70,5	%
At [30 %/50%] of rated heat output, if applicable	$P_p$	-	kW	At [30 %/50%] of rated heat output, if applicable	$\eta_p$	-	%
For solid fuel cogeneration boilers: Electrical efficiency				Auxiliary electricity consumption			
At rated heat output	$\eta_{el,n}$	-	%	At rated heat output	$e_{lmax}$	-	kW
				At [30 %/50%] of rated heat output, if applicable	$e_{lmin}$	-	kW
				Of incorporated secondary emission abatement equipment, if applicable		-	-
				In standby mode	$P_{SB}$	-	kW

Contact details

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