Information table in accordance with Annex II to Commission Regulation (EU) 2015/1189 of 28 April 2015

Model identifier: SMART FIRE EC 8 T	
Fuel feeding method: Automatic fuel feeding: it is recommended to operate the boiler with a domestic hot water storage tank with a minimum capacity of 300 l	
Condensing boiler: no	
Solid fuel cogeneration boiler: no	Combination boiler: no

Fuel	Preferred fuel:	Other suitable fuels:	η_s	Seasonal space heating emissions			
				PM	OGC	CO	NO_x
				mg/m³			
Logs, moisture content ≤ 25%	no	no					
Wood chips, moisture content 15-35%	no	no					
Wood chips, moisture content > 35%	no	no					
Compressed wood in the form of pellets or briquettes	yes	no	82%	10	9	185	125
Sawdust, moisture content ≤ 50%	no	no					
Other woody biomass	no	no					
Non-woody biomass	no	no					
Bituminous coal	no	no					
Brown coal (including briquettes)	no	no					
Coke	no	no					
Anthracite	no	no					
Blended fossil fuel briquette	no	no					
Other fossil fuel	no	no					
Briquette of a blend (30-70%) of biomass and fossil fuel	no	no					
Other blend of biomass and fossil fuel	no	no					

Properties when operating with the preferred fuel only

Parameter	Symbol	Value	Unit	Parameter	Symbol	Value	Unit
Useful heat output				**Useful efficiency**			
at rated heat output	P_n	7.4	kW	at rated heat output	η_n	87.6	%
at 30% of rated heat output	P_p	2.4	kW	at 30% of rated heat output	η_p	85.8	%
for solid fuel cogeneration boilers: electrical efficiency				**Auxiliary electricity consumption**			
at rated heat output	$\eta_{el,n}$		%	at rated heat output	el_{max}	0.011	kW
				at 30% of rated heat output	el_{min}	0.008	kW
				of secondary emission abatement equipment, where applicable			kW
				in standby mode	P_{SB}	0.005	kW

Contact details	HKS Lazar Spółka z o. o. 44-335 Jastrzębie-Zdrój, ul. Wodzisławska 15B, Poland