

Technical documentation for solid fuel local space heaters according to Regulation (EU) 2015/1185 and Regulation (EU) 2015/1186

Model ID(s): CUBO 700 CF								
Indirect heating function: NO								
Direct thermal power: 8,5 (kW)								
Indirect thermal power: N/A (kW)								
Fuel	Fuel recommended	Other suitable fuel(s)	η_s [x%]:	Emissions from local space heaters at rated heat output ⁽¹⁾				Emissions from local space heaters at minimum heat output ^{(1) (2)}
				PM	OGC	CO	NO _x	PM
				[x] mg/Nm ³ (13 % O ₂)				[x] mg/Nm ³ (13 % O ₂)
Wood log with humidity ≤ 25%	YES	NO	77	25	52	1002	110	
Pressed wood with humidity < 12%	NO	NO						
Other woody biomass	NO	NO						
Non-woody biomass	NO	NO						
Anthracite and lean coal	NO	NO						
Metallurgical coke	NO	NO						
Semi-coke	NO	NO						
Coal	NO	NO						
Brown coal briquettes	NO	NO						
Peat briquettes	NO	NO						
Mixed fossil fuel briquettes	NO	NO						
Another fossil fuel	NO	NO						
Briquettes made from a mixture of biomass and fossil fuel	NO	NO						
A different mix of biomass and solid fuel	NO	NO						

Characteristics when operated using only recommended fuel											
Parameter	Designation	Value	Unit		Parameter	Designation	Value	Unit			
Thermal power					Usable efficiency (calorific value in working condition)						
Nominal thermal power	P _{nom}	8,5	kW		Usable efficiency at nominal thermal power	η _{th,nom}	87	%			
Minimum thermal power	P _{min}	-	kW		Usable efficiency at minimum heat output (approximate)	η _{th,min}	-	%			
Electricity consumption for own needs					Type of heat output/room temperature control (please select one option)						
At nominal thermal power	el _{max}	x,xxx	kW		single-stage heat output without room temperature regulation	YES					
With minimal heat output	el _{min}	x,xxx	kW		at least two manual steps without room temperature control	NO					
In standby mode	el _{SB}	x,xxx	kW		mechanical regulation of the room temperature using a thermostat	NO					
Energy demand of a constant pilot flame					electronic room temperature control	NO					
Pilot flame energy requirement (if applicable)	P _{pilot}	N/A	kW		electronic room temperature control and 24-hour controller	NO					
					electronic room temperature control and weekly controller	NO					
					Other adjustment options (multiple can be selected)						
					room temperature control with presence detection	NO					
					room temperature regulation with open window detection	NO					
					remote adjustment option	NO					
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CEO

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