

Technical parameters for solid fuel local space heaters (RUE 1185/2015) (RUE 1186/2015)											
Model identifier(s) :				Infire SMART 680 (IFS680)							
Indirect heating functionality				No							
Direct heat output				7,7 kW							
Indirect heat output				0 kW							
Flue temperature				220,1 °C							
Mass Flow				6,22 g/s							
Energy efficiency index (EEI) :				108							
Fuel	Preferred fuel :	Other suitable fuel	μs (x%)	Space heating emissions at nominal heat output (*)				Space heating emissions at minimum heat output (*)			
				PM	OGC	CO	Nox	PM	OGC	CO	Nox
				(x) mg/Nm ³ (13% O ₂)				(x) mg/Nm ³ (13% O ₂)			
Wood logs with moisture content ≤ 25 %	Yes		71,1	23	91	1125	62				
Compressed wood with moisture content < 12 %		No									
Other woody biomass		No									
Non-woody biomass		No									
Anthracite and dry steam coal		No									
Hard coke		No									
Low temperature coke		No									
Bituminous coal		No									
Lignite briquettes		No									
Peat briquettes		No									
Blended fossil fuel briquettes		No									
Other fossil fuel		No									
Blended biomass and fossil fuel briquettes		No									
Other blend of biomass and solid fuel		No									
Characteristics when operating with the preferred fuel only											
Item		Symbol	Value	Unit	Item		Symbol	Value	Unit		
Heat output					Useful efficiency (NCV as received)						
Nominal heat output		P _{nom}	7,7	kW	Useful efficiency at nominal heat output			η _{th,nom}	81,3	%	
Minimum heat output (indicative)		P _{min}	n.d.	kW	Useful efficiency at minimum heat output (indicative)			η _{th,min}	n.d.	%	
Auxiliary electricity consumption					Type of heat output/room temperature control						
At nominal heat output		e _{lmax}	0,026	kW	single stage heat output, no room temperature control						No
At minimum heat output		e _{lmin}	0,000	kW	two or more manual stages, no room temperature control						Yes
In standby mode		e _{lsb}	0,000	kW	with mechanic thermostat room temperature control						No
Permanent pilot flame power requirement					with electronic room temperature control						No
Pilot flame power requirement		P _{pilot}	n.d.	kW	with electronic room temperature control plus day timer						No
Contact Information					Other control options						
New Bordart & Gonay SRL Rue des Meuneries, 11 4650 HERVE Belgique Jean-Philippe Couasnard Delegated Adminstrator				room temperature control, with presence detection							No
				room temperature control, with open window detection							No
				with distance control option							No

(*) PM = particulate matter, OGCs = organic gaseous compounds, CO = carbon monoxide, NOx = nitrogen oxides