



**DECLARATION ACCORDING COMMISSION REGULATION (EU) 2015/1185 of 24 april 2015 and
ACCORDING COMMISSION DELEGATED REGULATION (EU) 2015/1186 of 24 april 2015**

Information requirements for solid fuel local space heaters

Model identifier:	P645344
Model/Name:	ARATOS
Trademark:	INVICTA
Indirect heating functionality:	no
Direct heat output:	8,0 kW
Indirect heat output:	0,0 kW

Fuel:	Preferred fuel:	Other suitable fuel(s):	η_s % (*)	Space heating emissions at nominal heat output (*)				Space heating emissions at minimum heat output (*)			
				P	COG	CO	NO _x	P	COG	CO	NO _x
				mg/Nm ³ (13 % O ₂)				mg/Nm ³ (13 % O ₂)			
Wood logs with moisture content ≤ 25 %	yes	no	68	35	60	875	85	-	-	-	-

Characteristics when operating with the preferred fuel only

Heat output			
Nominal heat output:	P_{nom}	8,0	kW
Minimum heat output (indicative):	P_{min}	N.A.	kW

Useful efficiency (NCV as received)			
Useful efficiency at nominal heat output:	$\eta_{th,nom}$	78,0	%
Useful efficiency at minimum heat output (indicative):	$\eta_{th,min}$	N.A.	%

Auxiliary electricity consumption			
At nominal heat output:	$e_{l,max}$	-	kW
At minimum heat output:	$e_{l,min}$	-	kW
In standby mode:	$e_{l,SB}$	-	kW

Permanent pilot flame power requirement			
Pilot flame power requirement:	P_{pilot}	N.A.	kW

Type of heat output/room temperature control F(2):	single stage heat output, no room temperature control	0%
Other control options F(3):	Not applicable	0%

Energy efficiency class:	A
Energy efficiency index (EEI):	103

Contact details :	Date:	Signatory:
INVICTA GROUP Zone industrielle La Gravette 08350 - DONCHERY France	Tel. +33 (0) 3 24 27 71 71 invicta.fr contact@invicta-group.fr	M. Xavier Delaire Laboratory Manager

(*) η_s = seasonal energy efficiency, PM = particulate matter, OGCs = organic gaseous compounds, CO = carbon monoxide, NO_x = nitrogen oxides