

INFORMATION REQUIREMENTS FOR SOLID FUEL LOCAL SPACE HEATER

Trademark:	
Product type:	-
Model:	MELFI 8
Equivalent models:	-

Indirect heating functionality:	☒ no
Direct heat output:	8,4 kW
Indirect heat output:	0,0 kW

Fuels	Preferred fuel [yes / no]	Other suitable fuel(s) [yes / no]	η_s [%]	Space heating emissions at nominal heat output				Space heating emissions at minimum heat output			
				PM	OGC	CO	NOX	PM	OGC	CO	NOX
				mg/Nm ³ (13%O ₂)				mg/Nm ³ (13%O ₂)			
Compressed wood in the form of pellets or briquettes	☒ yes	☒ no	86%	20	5	249	199	20	60	299	199
Energy efficiency class:				A+							
Energy efficiency index (EEI):				126							

CHARACTERISTICS WHEN OPERATING WITH THE PREFERRED FUEL ONLY:

HEAT OUTPUT			
Nominal heat output	P _{nom}	8,4	kW
Minimum heat output (indicative)	P _{min}	3,9	kW

USEFUL EFFICIENCY (NCV as received)			
Useful efficiency at nominal heat output	$\eta_{th,nom}$	89,9	%
Useful efficiency at minimum heat output (indicative)	$\eta_{th,min}$	90,5	%

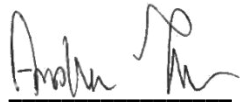
AUXILIARY ELECTRICITY CONSUMPTION			
At rated heat output	e _{l,max}	0,054	kW
At minimum heat output	e _{l,min}	0,036	kW
In standby mode	e _{l,sb}	0,003	kW

PERMANENT PILOT FLAME POWER REQUIREMENTS			
Pilot flame power requirement (if applicable)	P _{pilot}	N.a.	kW

TYPE OF HEAT OUTPUT or ROOM TEMPERATURE CONTROL		
With electronic room temperature control plus week timer	(F2)	7%

OTHER CONTROL OPTIONS		
Not applicable	(F3)	0%

Observe the specific precautions for installation, assembly and maintenance indicated in the manual accompanying the product

CONTACTS	ISSUED ON:	EMPOWERED PERSON:
Invicta Group Zone Industrielle Lieu-dit "La Gravette" - 08350 DONCHERY - FR Tél: +33 (0)3 24 27 71 71 www.invicta-group.fr accueil@invicta-group.fr	10/11/2025	 Ing. Andrea Tezza Technical Manager