

ECODESIGN REQUIREMENTS FOR SOLID FUEL LOCAL SPACE HEATERS ACCORDING TO COMMISSION REGULATION (EU) 2015/1185 AND ENERGY LABELLING REQUIREMENTS FOR LOCAL SPACE HEATERS ACCORDING TO COMMISSION REGULATION (EU) 2015/1186

trademark – UNICAL

model – LENI 10 ACCIAIO, LENI 10 CERAMICA

Indirect heating functionality: NO

Direct heat output: 6,9 kW (space heat output)

Indirect heat output: -- kW (water heat output)

Fuel	Preferred fuel (only one):	Other suitable fuel(s):	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/m ³ at 13%O ₂				mg/m ³ at 13%O ₂			
Log wood, moisture content ≤ 25 %	yes	no	76,9	14	55	1012	94				
Compressed wood with moisture content < 12 %	no	no									
Other woody biomass	no	no									
Non-woody biomass	no	no									
Anthracite and dry steam coal	no	no									
Hard coke	no	no									
Low temperature coke	no	no									
Bituminous coal	no	no									
Lignite briquettes	no	no									
Peat briquettes	no	no									
Blended fossil fuel briquettes	no	no									
Other fossil fuel	no	no									
Blended biomass and fossil fuel briquettes	no	no									
Other blend of biomass and solid fuel	no	no									

Characteristics when operating with the preferred fuel only:

Seasonal space heating energy efficiency η_s [%]: **76,9**

Energy efficiency index EEI: **116**

Energy efficiency class: **A+**

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Heat output				Useful efficiency (NCV as received)			
Nominal heat output	P_{nom}	6,9	kW	Useful efficiency at nominal heat output	$\eta_{th,nom}$	86,9	%
Minimum heat output (indicative)	P_{min}		kW	Useful efficiency at minimum heat output (indicative)	$\eta_{th,min}$		%
Auxiliary electricity consumption				Type of heat output/room temperature control (select one)			
At nominal heat output	$e_{l,max}$		kW	single stage heat output, no room temperature control		NO	
At minimum heat output	$e_{l,min}$		kW	two or more manual stages, no room temperature control		NO	
In standby mode	$e_{l,SB}$		kW	with mechanic thermostat room temperature control		NO	
Permanent pilot flame power requirement				with electronic room temperature control		NO	
Pilot flame power requirement (if applicable)	P_{pilot}	N.A.	kW	with electronic room temperature control plus day timer		NO	
				Other control options (multiple selections possible)			
				room temperature control, with presence detection		NO	
				room temperature control, with open window detection		NO	
				with distance control option		NO	
Contact details	Name and address of the manufacturer or its authorized representative.						
Tel. +39 0376 57001 www.unical.eu info@unical-ag.com	Manufacturer: UNICAL AG SPA Via Roma 123 46033 Castel d'Ario (MN) – ITALY						

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

(**) Only required if correction factors F(2) or F(3) are applied.

Issue date: January 10, 2023

Head of Test Laboratory
Dr.ssa Claudia Marcuzzi

Pag. 2 of 2

Firmato digitalmente
da MARCUZZI
CLAUDIA
Data: 2023.01.10
17:39:18 +01'00'

Come da allegato all'attestato inerente il report tecnico n. 1880-CPR-051-019-18 del 10/01/2023

How from annex to the declaration concerning Technical report n. 1880-CPR-051-019-18 of the 10/01/2023

E in conformità al punto 9.2.1 della norma EN 14785:2006, l'azienda Unical AG SpA dichiara che gli apparecchi:

And according to sub-clause 9.2.1 of the standard EN 14785:2006, the company Unical AG SpA declare that the appliances:

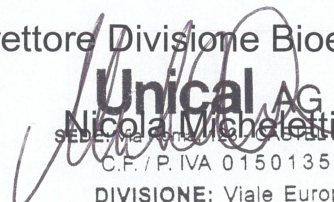
Modelli / Models con (ID MODEL)	00273970_10
---------------------------------	-------------

sono rappresentativi della famiglia a cui appartengono i seguenti modelli:

are representative of the family to which belong the following models:

Marchio commerciale Trade mark	UNICAL	
Modelli / Models	00273970_10	LENI 10 ACCIAIO
	00273970_10	LENI 10 CERAMICA

Direttore Divisione Bioenergy


Unical AG S.p.A.
SEDE: VIA ROMA 123 - 46033 CASTEL D'ARIO (MN)
C.F. / P. IVA 01501350209
DIVISIONE: Viale Europa, 3/5
36053 Gambellara (VI)

Gambellara, 10/01/2023