

# TESIS 23

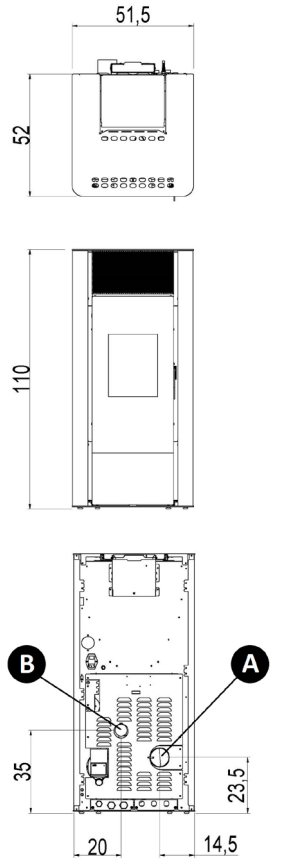
## HYDRO - Water-heating pellet stoves



Certificate model name : TESIS 23 AIRTIGHT T2



Nominal power	kW	22.4
Reduced power	kW	4.9
Introduced thermal power (max)	kW	24.3
Nominal water useful power	kW	18
Reduced water useful power	kW	3.4
Seasonal energy efficiency	ηs [%]	89
Nominal efficiency	%	92
Reduced efficiency	%	96.7
Heating volume (min-max)	m³	137 - 627
Nominal CO at 13% O <sub>2</sub>	%	0.010
Reduced CO at 13% O <sub>2</sub>	%	0.012
Emissions CO (13% O <sub>2</sub> ) (min-max)	mg/Nm³	150 - 136
Emissions OGC (13% O <sub>2</sub> ) (min-max)	mg/Nm³	3 - 2
Emissions NOX (13% O <sub>2</sub> ) (min-max)	mg/Nm³	94 - 99
Dust content at 13% O <sub>2</sub> (min-max)	mg/Nm³	18 - 14
Boiler capacity (H <sub>2</sub> O)	l	14
Hopper capacity	kg	22
Combustible		<b>Pellet ø6</b>
Hourly consumption (min-max)	kg/h	1 - 5.1
Autonomy (min-max)	h	4 - 22
Ignition electrical absorption (max)	W	343
Operating electrical absorption (max)	W	117
Supply and frequency	V - Hz	230 - 50
Chimney flue depression	Pa	12
Mass of smoke (min-max)	g/sec	4.5 - 12.1
Exhaust fumes temperature (max)	°C	153
Net weight	kg	146.5
Gross weight	kg	161
Exhaust fumes (A)	Ø mm	80
Hole combustion air inlet (B)	Ø mm	50
Ducting outlet (C)	Ø mm	-
Ducting capability up to	m	-



BImSchV 2015  
Regensburg  
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EN 14785:2006



### MATCH

7022275		White steel	EAN 8053859018223
7022276		Bordeaux steel	EAN 8053859018230
7022274		Anthracite steel	EAN 8053859018216

### PLUS



AIRTIGHT sealed chamber



Integrated Wi-Fi



Easy start



Cast iron burning pot



Silent function



Connection to the room thermostat



Daily weekly programming



Back exhaust



Connection to the heating system

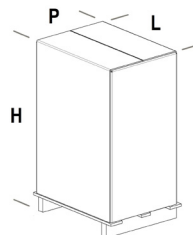


Air temperature sensor



Water temperature sensor

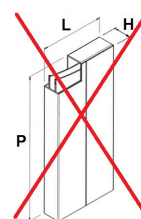
### STOVE PACKING



L (cm)	H (cm)	P (cm)
79	131,8	70

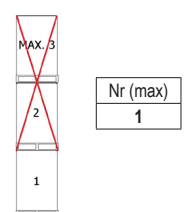
VOLUME (m³)
0,74

### LINING PACKING



	L (cm)	H (cm)	P (cm)
steel	-	-	-

### STOCKING



### TRANSPORT

