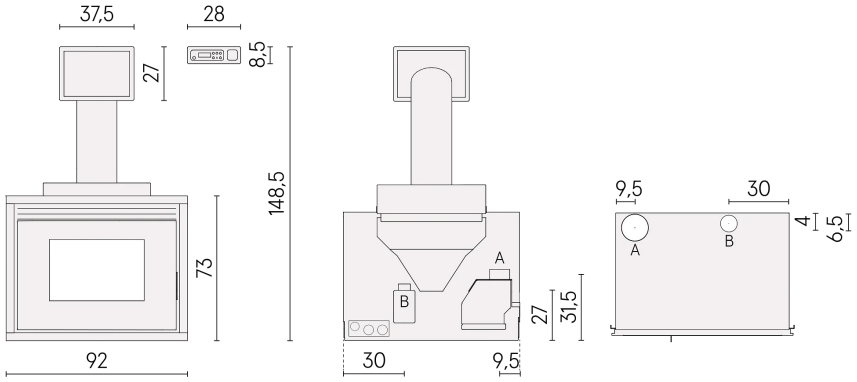
SATURNO 16

Certificate model name: SATURNO 16

www.cadelsrl.com



Pellet Hydro

TECHNICAL DATA

Thermic Power (at min-at max)	kW	5,8 - 18,0
Introduced thermal power (at max)	kW	19,1
Water useful power (at min-at max)	kW	13 - 3,8
Seasonal energy efficiency	ηs [%]	90
Useful efficiency (at min-at max)	%	96 - 94
Heating surface (at min-at max)	m²	61 - 190
CO_2 (min-max)	%	6,4- 10,4
Emissions CO (13% O_2) (at min-at max)	mg/Nm³	275 - 111
Emissions OGC (13%O_2) (at min-at max)	mg/Nm³	4- 2
Emissions NOX (13% O_2) (at min-at max)	mg/Nm³	84 - 114
Dust content at 13% O_2 (at min-at max)	mg/Nm³	19 - 12
Combustible Pellet	mm	ø6 L3÷40
Boiler capacity (H_2O)	l	22
Hopper capacity	kg	0
Hourly consumption (at min-at max)	kg/h	1,2 - 3,9
Autonomy (at min-at max)	h	10 - 33
Supply and frequency	V-Hz	230-50
Ignition electrical absorption (at max)	W	450
Operating electrical absorption (at max)	W	125
Chimney flue depression (at min-at max)	Pa	2 - 12
Mass of smoke (at min-at max)	g/sec	6,5 - 13,2
Exhaust fumes temperature (at min-at max)	°C	64 - 116
Distance from material comb. (back/side/under)	mm	0 / 0 / 500
Distance to material comb. (front/top)	mm	1000 / 0
Exhaust fumes outlet (A)	Ø mm	100
Combustion air inlet (B)	Ø mm	50
Ducting outlet (C)	Ø mm	0
Ductable up to	m	0

PLUS

- Cast iron burning pot
- Integrated Wi-Fi and Bluetooth
- Connection to the external therm.
- Water temperature sensor
- Air temperature sensor
- Weekly programming
- Connection to the heating system
- Hydraulic kit included
- Upper exhaust

AVAILABLE FINISHES

7020016	Steel Black	EAN 8053859012269

OPTIONAL

5017003	BOILER SNUBBER MODULE KIT	EAN 8053859015581
5022004	ANTICONDENSATION VALVE KIT	EAN 8053859015598
5017002	NTC PROBE WIRE	EAN 8053859015574
5024009	SUPPORT KIT	EAN 8053859020936

CERTIFICATIONS

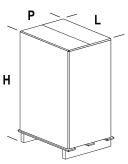
European standards
BImSchV 2015
Regensburg
München
Stuttgart
Aachen

EN 14785:2006

CE

A++

STOVE PACKAGE



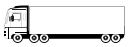
L (cm)	H (cm)	P (cm)
80	125	95

Volume (m³)	0,95
Gross weight (kg)	250
Net weight (kg)	230

STORAGE

N° (max)
2

TRANSPORT



42 pz

Rev. 942025