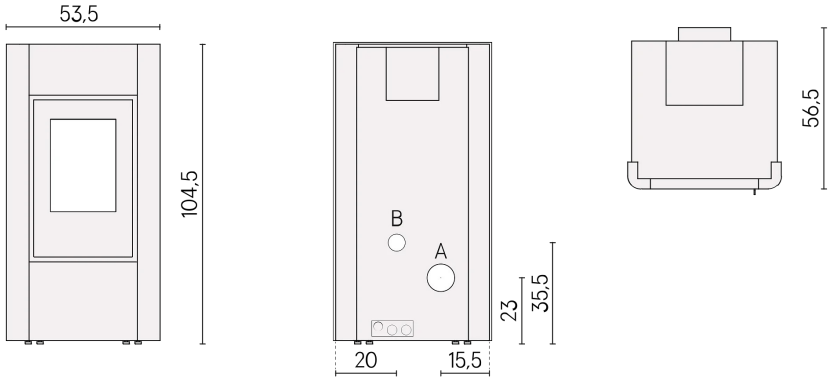
IDRO PRINCE 12

Certificate model name: IDRO PRINCE3 12

www.cadelsrl.com



Pellet Hydro

TECHNICAL DATA

Thermic Power (at min-at max)	kW	3,2 - 11,8
Introduced thermal power (at max)	kW	12,8
Water useful power (at min-at max)	kW	10,2 - 2,2
Seasonal energy efficiency	ηs [%]	80
Useful efficiency (at min-at max)	%	92,4 - 91,8
Heating surface (at min-at max)	m²	33,8 - 124,6
CO_2 (min-max)	%	4,7- 9,8
Emissions CO (13% O_2) (at min-at max)	mg/Nm³	475 - 35
Emissions OGC (13%O_2) (at min-at max)	mg/Nm³	12- 2
Emissions NOX (13% O_2) (at min-at max)	mg/Nm³	75 - 109
Dust content at 13% O_2 (at min-at max)	mg/Nm³	23 - 18
Combustible Pellet	mm	ø6 L31-40
Boiler capacity (H_2O)	l	14
Hopper capacity	kg	22
Hourly consumption (at min-at max)	kg/h	0,70 - 2,60
Autonomy (at min-at max)	h	31 - 8
Supply and frequency	V-Hz	230-50
Ignition electrical absorption (at max)	W	390
Operating electrical absorption (at max)	W	75
Chimney flue depression (at min-at max)	Pa	2 - 12
Mass of smoke (at min-at max)	g/sec	5,3 - 9,4
Exhaust fumes temperature (at min-at max)	°C	77 - 137
Distance from material comb. (back/side/under)	mm	200 / 200 / 0
Distance to material comb. (front/top)	mm	1000 / 750
Exhaust fumes outlet (A)	Ø mm	80
Combustion air inlet (B)	Ø mm	50
Ducting outlet (C)	Ø mm	0
Ductable up to	m	-

PLUS

- Cast iron burning pot
- Integrated Wi-Fi and Bluetooth
- Connection to the external therm.
- Water temperature sensor
- Weekly programming
- Connection to the heating system
- Hydraulic kit included
- Back exhaust
- Go Fast - Faster pellet ignition

AVAILABLE FINISHES

7022188	Steel Anthracite	EAN 8053859017004
7022189	Steel White	EAN 8053859017011
7022190	Steel Light Bronze	EAN 8053859017028
7022191	Steel Red Bordeaux	EAN 8053859017035
7022192	Steel Titanium	EAN 8053859017042

OPTIONAL

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

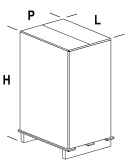
CERTIFICATIONS

European standards
Art. 15A B-VG 2015
BImSchV 2015
Regensburg
München
Stuttgart
Aachen

EN 14785:2006

CE

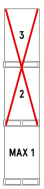
STOVE PACKAGE



L (cm)	H (cm)	P (cm)
80	132	71

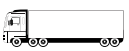
Volume (m³)	0,75
Gross weight (kg)	146
Net weight (kg)	132

STORAGE



N° (max)
1

TRANSPORT



57 pz

Rev. 122025