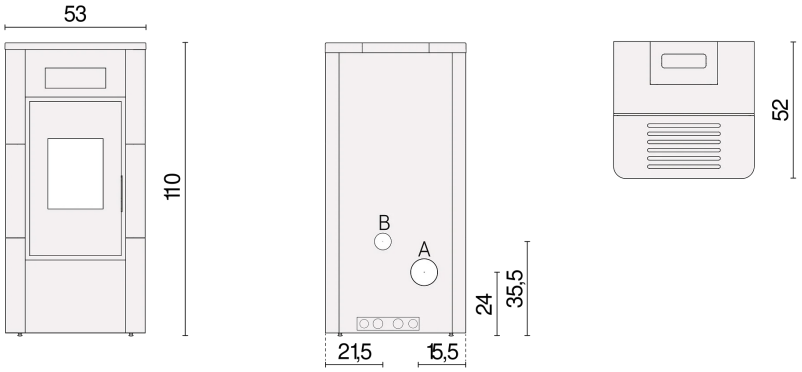
RIVER IDRO 18

CADEL

Certificate model name: RIVER IDRO 18 ACL T3

www.cadelsrl.com



Pellet Hydro

TECHNICAL DATA

Thermic Power (at min-at max)	kW	4,9 - 18,0
Introduced thermal power (at max)	kW	19,4
Water useful power (at min-at max)	kW	13,2 - 3,1
Seasonal energy efficiency	ηs [%]	90
Useful efficiency (at min-at max)	%	94 - 93
Heatable volume (at min-at max)	m³	137 - 504
CO_2 (min-max)	%	7,0- 13,2
Emissions CO (13% O_2) (at min-at max)	mg/Nm³	225 - 98
Emissions OGC (13%O_2) (at min-at max)	mg/Nm³	3,0- 1,0
Emissions NOX (13% O_2) (at min-at max)	mg/Nm³	95 - 98
Dust content at 13% O_2 (at min-at max)	mg/Nm³	12 - 7
Fuel Pellet	mm	Ø6 L=3÷40
Boiler capacity (H_2O)	l	14
Hopper capacity	kg	26
Hourly consumption (at min-at max)	kg/h	1,0 - 4,0
Autonomy (at min-at max)	h	26 - 7
Supply and frequency	V-Hz	230-50
Ignition electrical absorption	W	390
Operating electrical absorption (at max)	W	126
Draught for chimney sizing calculation (EN13384-1)	Pa	2
Mass of smoke (at min-at max)	g/sec	5,1 - 10,8
Exhaust fumes temperature (at min-at max)	°C	81 - 146
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	60
Appliance Type (tightness)	Type	CM50

PLUS

- Back exhaust
- Go Fast - Faster pellet ignition
- Water temperature sensor
- Air temperature sensor
- Connection to the heating system
- Hydraulic kit included
- Cast iron burning pot
- Connection to the external thermostat

AVAILABLE FINISHES

7026066	Steel Anthracite	EAN 8053859023401
7026065	Majolica White	EAN 8053859023395
7026067	Steel Light Bronze	EAN 8053859023418
7026068	Steel Titanium	EAN 8053859023425

OPTIONAL

5017002	Ntc probe wire	EAN 8053859015574
5017003	Boiler snubber module kit	EAN 8053859015581
5022004	Anticondensation valve kit	EAN 8053859015598

CERTIFICATIONS

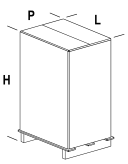
European standards
BImSchV 2015
Regensburg
München
Stuttgart
Aachen

EN 16510-1:2022 / EN 16510-2-6:2022

CE

A++

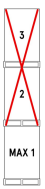
STOVE PACKAGE



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

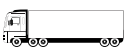
Volume (m³)	0,75
Gross weight (kg)	146
Net weight (kg)	136

STORAGE



N° (max)
1

TRANSPORT



57 pz

Rev. 30102026