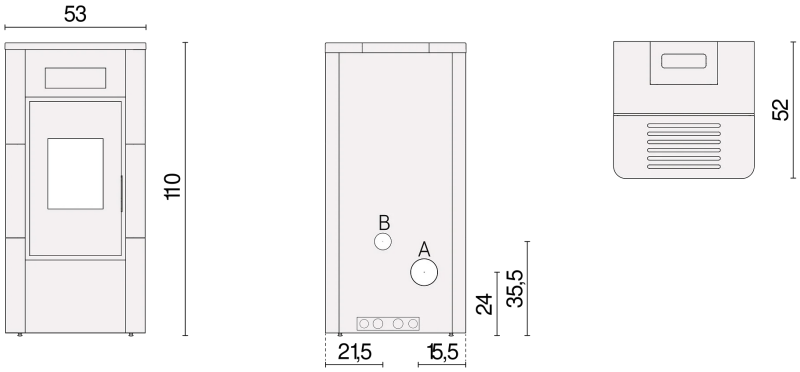
RIVER IDRO 18 IDROTECH

CADEL

Certificate model name: RIVER IDROTECH 18 T1

www.cadelsrl.com





Pellet Hydro

TECHNICAL DATA

Thermic Power (at min-at max)	kW	4,4 - 17,7
Introduced thermal power (at max)	kW	18,7
Water useful power (at min-at max)	kW	12,7 - 2,3
Seasonal energy efficiency	ηs [%]	91
Useful efficiency (at min-at max)	%	96 - 95
Heatable volume (at min-at max)	m³	123 - 496
CO_2 (min-max)	%	5,9- 13,0
Emissions CO (13% O_2) (at min-at max)	mg/Nm³	209 - 106
Emissions OGC (13%O_2) (at min-at max)	mg/Nm³	6,0- 2,0
Emissions NOX (13% O_2) (at min-at max)	mg/Nm³	100 - 99
Dust content at 13% O_2 (at min-at max)	mg/Nm³	12 - 10
Fuel Pellet	mm	Ø6 L=3÷40
Boiler capacity (H_2O)	l	14
Hopper capacity	kg	24
Hourly consumption (at min-at max)	kg/h	1,0 - 3,9
Autonomy (at min-at max)	h	24 - 6
Supply and frequency	V-Hz	230-50
Ignition electrical absorption	W	380
Operating electrical absorption (at max)	W	126
Draught for chimney sizing calculation (EN13384-1)	Pa	2 - 11
Mass of smoke (at min-at max)	g/sec	5,4 - 10,6
Exhaust fumes temperature (at min-at max)	°C	77 - 144
Distance from material comb. (back/side/under)	mm	200 / 200 / 0
Distance to material comb. (front/top)	mm	2000 / 750
Exhaust fumes outlet (A)	Ø mm	80
Combustion air inlet (B)	Ø mm	60
Appliance Type (tightness)	Type	CC50

PLUS

- 5 stars D.M. 186
- 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

7022095	Steel White	EAN 8053859015857
7022097	Steel Anthracite	EAN 8053859015871
7022098	Steel Light Bronze	EAN 8053859015888
7022099	Steel Titanium	EAN 8053859015895
7022100	Majolica White	EAN 8053859015901

OPTIONAL

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

CERTIFICATIONS

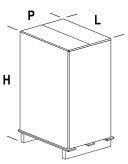
European standards
BImSchV 2015
Regensburg
München
Stuttgart
Aachen

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

CE

A++

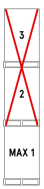
STOVE PACKAGE



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

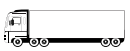
Volume (m³)	0,75
Gross weight (kg)	157
Net weight (kg)	136

STORAGE



N° (max)
1

TRANSPORT



57 pz

Rev. 1932026