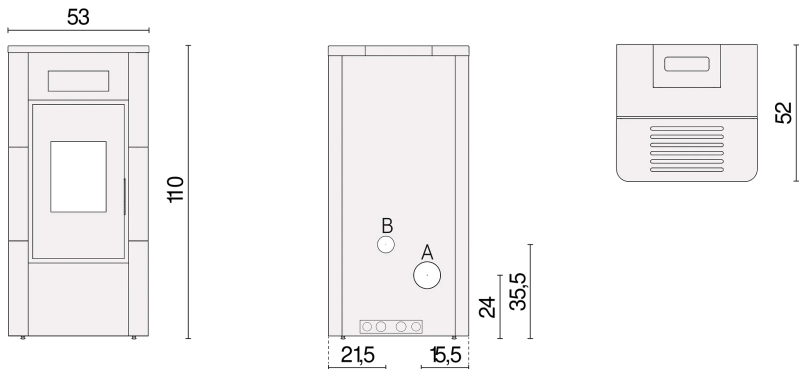


RIVER IDRO 18 IDROTECH



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 [%]	90
Useful efficiency (at min-at max)	%	95 - 94
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- 2
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 ₂ O)	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
Chimney flue depression (at min-at max)	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	1000 / 750
Exhaust fumes outlet (A)	Ø mm	80
Combustion air inlet (B)	Ø mm	60
Ducting outlet (C)	Ø mm	0
Ductable up to	m	0

PLUS

5 stars D.M. 186

Back exhaust

Go Fast - Faster pellet ignition

Idrotech - Automatic brazier cleaning

Water temperature sensor

Air temperature sensor

Connection to the heating system

Hydraulic kit included

Sealed Chamber

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
7022101		Majolica Ivory	EAN 8053859015918
7022102		Majolica Red Bordeaux	EAN 8053859015925

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 14785:2006
CE

STOVE PACKAGE

L (cm)	H (cm)	P (cm)
80	132	71
Volume (m³)	0,75	
Gross weight (kg)	157.2	
Net weight (kg)	136	

STORAGE

N° (max)
1

TRANSPORT

57 pz