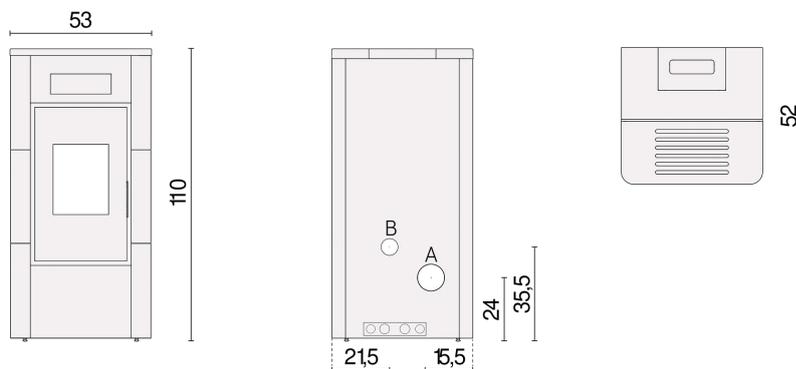


# RIVER IDRO 18 AUTOCLEAN

CADEL

Certificate model name: RIVER IDROTECH 18 T1

www.cadelsrl.com

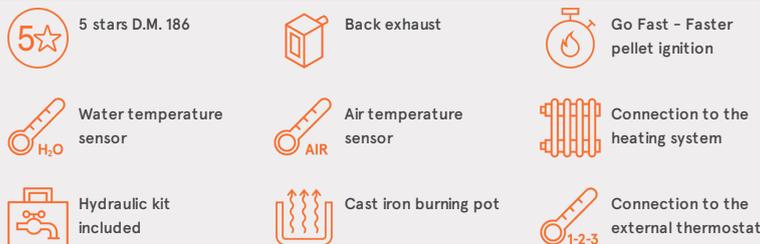


## Pellet Hydro

### 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	$\eta_s$ [%]	91
Useful efficiency (at min-at max)	%	96 - 95
Heatable volume (at min-at max)	m <sup>3</sup>	123 - 496
CO <sub>2</sub> (min-max)	%	5,9 - 13,0
Emissions CO (13% O <sub>2</sub> ) (at min-at max)	mg/Nm <sup>3</sup>	209 - 106
Emissions OGC (13%O <sub>2</sub> ) (at min-at max)	mg/Nm <sup>3</sup>	6,0 - 2,0
Emissions NOX (13% O <sub>2</sub> ) (at min-at max)	mg/Nm <sup>3</sup>	100 - 99
Dust content at 13% O <sub>2</sub> (at min-at max)	mg/Nm <sup>3</sup>	12 - 10
Fuel Pellet	mm	Ø6 L=3÷40
Boiler capacity (H <sub>2</sub> 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
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



### 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  
BlmSchV 2015  
Regensburg  
München  
Stuttgart  
Aachen



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

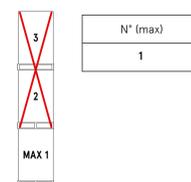
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### STOVE PACKAGE

	L (cm)	H (cm)	P (cm)
	80	132	71
	Volume (m <sup>3</sup> )	0,75	
	Gross weight (kg)	157	
	Net weight (kg)	136	

### STORAGE



### TRANSPORT

