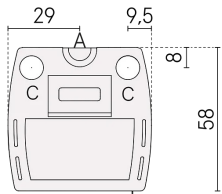
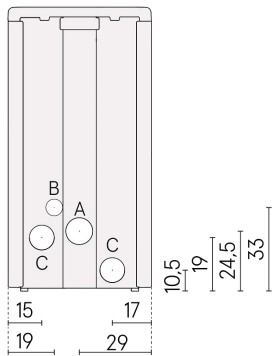
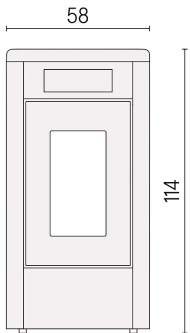


ATHENA PLUS 12

CADEL

Certificate model name: ATENA PLUS 12 T2

www.cadelsrl.com



Pellet Air Plus

TECHNICAL DATA

Thermic Power (at min-at max)	kW	3,7 - 12,0
Introduced thermal power (at max)	kW	13,5
Water useful power (at min-at max)	kW	- - -
Seasonal energy efficiency	η_s [%]	84
Useful efficiency (at min-at max)	%	90 - 89
Heatable volume (at min-at max)	m ³	105 - 342
CO ₂ (min-max)	%	5,0- 11,9
Emissions CO (13% O ₂) (at min-at max)	mg/Nm ³	140 - 125
Emissions OGC (13%O ₂) (at min-at max)	mg/Nm ³	10,0- 2,0
Emissions NOX (13% O ₂) (at min-at max)	mg/Nm ³	120 - 99
Dust content at 13% O ₂ (at min-at max)	mg/Nm ³	17 - 15
Fuel Pellet	mm	Ø 6 L=3÷40
Hopper capacity	kg	23
Hourly consumption (at min-at max)	kg/h	0,8 - 2,8
Autonomy (at min-at max)	h	27 - 8
Supply and frequency	V-Hz	230-50
Ignition electrical absorption	W	360
Operating electrical absorption (at max)	W	152
Chimney flue depression (at min-at max)	Pa	2 - 12
Mass of smoke (at min-at max)	g/sec	0,0 - 0,0
Exhaust fumes temperature (at min-at max)	°C	107 - 204
Distance from material comb. (back/side/under)	mm	200 / 300 / 0
Distance to material comb. (front/top)	mm	2000 / 750
Exhaust fumes outlet (A)	Ø mm	80
Combustion air inlet (B)	Ø mm	60
Ducting outlet (C)	Ø mm	80
Ductable up to	m	8
Appliance Type (tightness)	Type	CC50

PLUS



5 stars D.M. 186



Back exhaust



Upper exhaust (optional)



Concentric flue kit (optional)



Flexibility of installation



Cast iron door



Top and rear ducting



Sealed Chamber



Cast iron burning pot

AVAILABLE FINISHES

7023113		Steel White	EAN 8053859019855
7023115		Steel Titanium	EAN 8053859019879
7023116		Steel Red Bordeaux	EAN 8053859019886
7023117		Steel Anthracite	EAN 8053859019893

OPTIONAL

5020004	Upper concentric kit	EAN 8053859012580
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CERTIFICATIONS

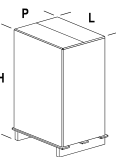
European standards
Art. 15A B-VG 2015
BlmSchV 2015
Regensburg
München
Stuttgart
Aachen



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

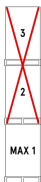


STOVE PACKAGE



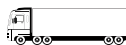
L (cm)	H (cm)	P (cm)
80	130	68
Volume (m ³)	0,71	
Gross weight (kg)	163	
Net weight (kg)	152	

STORAGE



N° (max)
1

TRANSPORT



60 pz