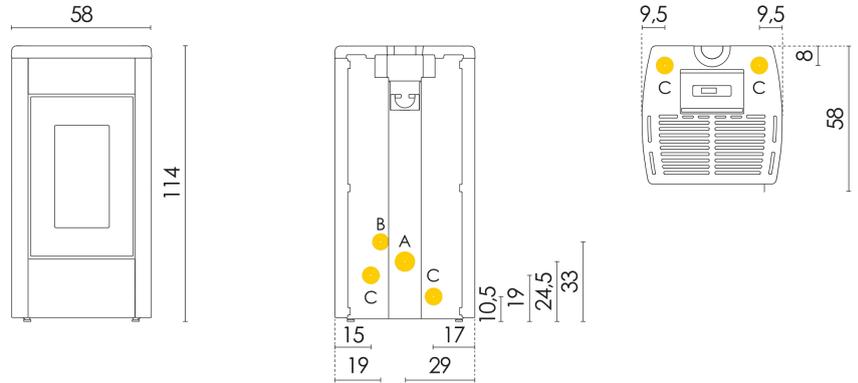


Certificate model name: DUKE 12 AIRTIGHT



Pellet stoves Air

TECHNICAL DATA

Thermic Power (at min-at max)	kW	3,8 - 12,0
Introduced thermal power (at max)	kW	13,3
Water useful power (at min-at max)	kW	- -
Seasonal energy efficiency	ηs [%]	86
Useful efficiency (at min-at max)	%	93 - 90
Heatable volume (at min-at max)	m ³	108 - 342
CO ₂ (min-max)	%	7,4- 13,3
Emissions CO (13% O ₂) (at min-at max)	mg/Nm ³	186 - 177
Emissions OGC (13%O ₂) (at min-at max)	mg/Nm ³	3 - 3
Emissions NOX (13% O ₂) (at min-at max)	mg/Nm ³	109 - 114
Dust content at 13% O ₂ (at min-at max)	mg/Nm ³	19 - 14
Fuel Pellet	mm	Ø6 L=3÷40
Hopper capacity	kg	23
Hourly consumption (at min-at max)	kg/h	0,9 - 3,0
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	151
Chimney flue depression (at min-at max)	Pa	11 - 10
Mass of smoke (at min-at max)	g/sec	3,9 - 8,1
Exhaust fumes temperature (at min-at max)	°C	105 - 210
Distance from material comb. (back/side/under)	mm	200 / 300 / 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	80
Ductable up to	m	8

PLUS

- Flexit - flexibility of installation
- Airtight pellet stove
- Ceramic glow plug
- Integrated Wi-Fi and Bluetooth
- Integrated temperature sensor
- Connection to the external thermostat
- Independent ducting fans
- Back and top ducting outlet
- Cast iron combustion chamber

AVAILABLE FINISHES

7020045		Steel Titanium	EAN 8053859012856
7021019		Steel Black	EAN 8053859013297

OPTIONAL

5019012	Pellet stove remote control	EAN 8053859011965
5020004	Upper concentric kit	EAN 8053859012580
5020003	Upper ducting kit	EAN 8053859012573

CERTIFICATIONS

European standards
BImSchV 2015
Regensburg
München
Stuttgart
Aachen

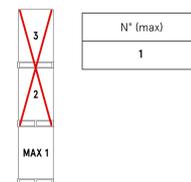


EN 14785:2006
CE

STOVE PACKAGE

	L (cm)	H (cm)	P (cm)
	80	130	68
	Volume (m ³)	0,71	
	Gross weight (kg)	166	
	Net weight (kg)	155	

STORAGE



TRANSPORT

