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EP-050-C

Industrial Wood Stove with Centrifugal Fan



Technical Data

	DESCRIPTION	UNITS	DATA
DATA TECHNICAL	Nominal power	Kw	50,00
	Thermal performance	%	80
	Usable power	Kw	40,00
	Air Flow	m ³ /h	2.400
	Static Pressure Available	Pa	60
	Thermal Jump	°C	35
	Noise level	dB(A) 3m	60
	Fan Type	-	CENTRIFUGAL
	Engine power	Kw	0,25
	Electrical voltage	-	230-I-50Hz
FUELS	Leña (4,60 kW/kg)	Consumption kg/h	10,87
	Maximum Expected Load	Kg	10,87
DIMENSIONS	Overall Dimensions	mm	Consult map
	Smoke outlet	mm	Ø150
	Air Supply Section	mm	Ø410
	Loading port	mm	510x280
	Weight	Kg	370
CERTIFICATES			EC - 2016/2281

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Construction details

The EP-050-C wood stoves with fan are prepared to be able to work with wood of different types as well as charcoal. Its construction characteristics are:

- Combustion hearth with refractory bricks
- Stainless steel combustion grills
- Large capacity ash drawer
- Access door to the combustion hearth
- Side panel with air chamber for heat convection
- Draft regulator applied to flue gas outlet
- Reversible centrifugal fan on both sides
- Protective grilles to prevent contact with the engine propeller
- Two-body construction for easy cleaning and maintenance
- Thermostat kit for starting and cooling fan depending on the detected temperature (optional)

Air Diffusion

Equipment normally dissipates heat from the opposite side of the fan, but there is the possibility of applying a duct network or with:

- 90° bend to direct air through the front or back
- Special ducts (curves, trousers, hoppers, etc...)

Protective cage

For places with an influx of people, we recommend the use of our protective cages that largely avoid touching the parts most exposed to heat

Special Manufacturing

Our status as manufacturers allows us to adapt to the needs of each customer and we can supply the equipment with:

- Custom Air Flows and Pressures
- All-stainless steel finish

Certificates

Our wood stoves with EP fan have the following certificates

- CE Certificate
- Regulation 2016/2281 ecodesign

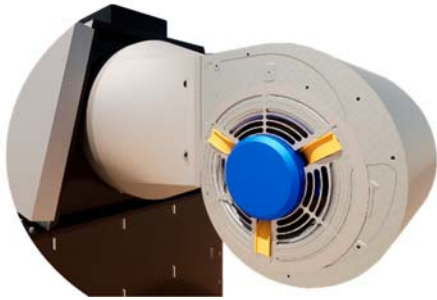
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Construction details



Centrifugal fan unit



Release regulator



Heat Exchanger



Ashes collection box



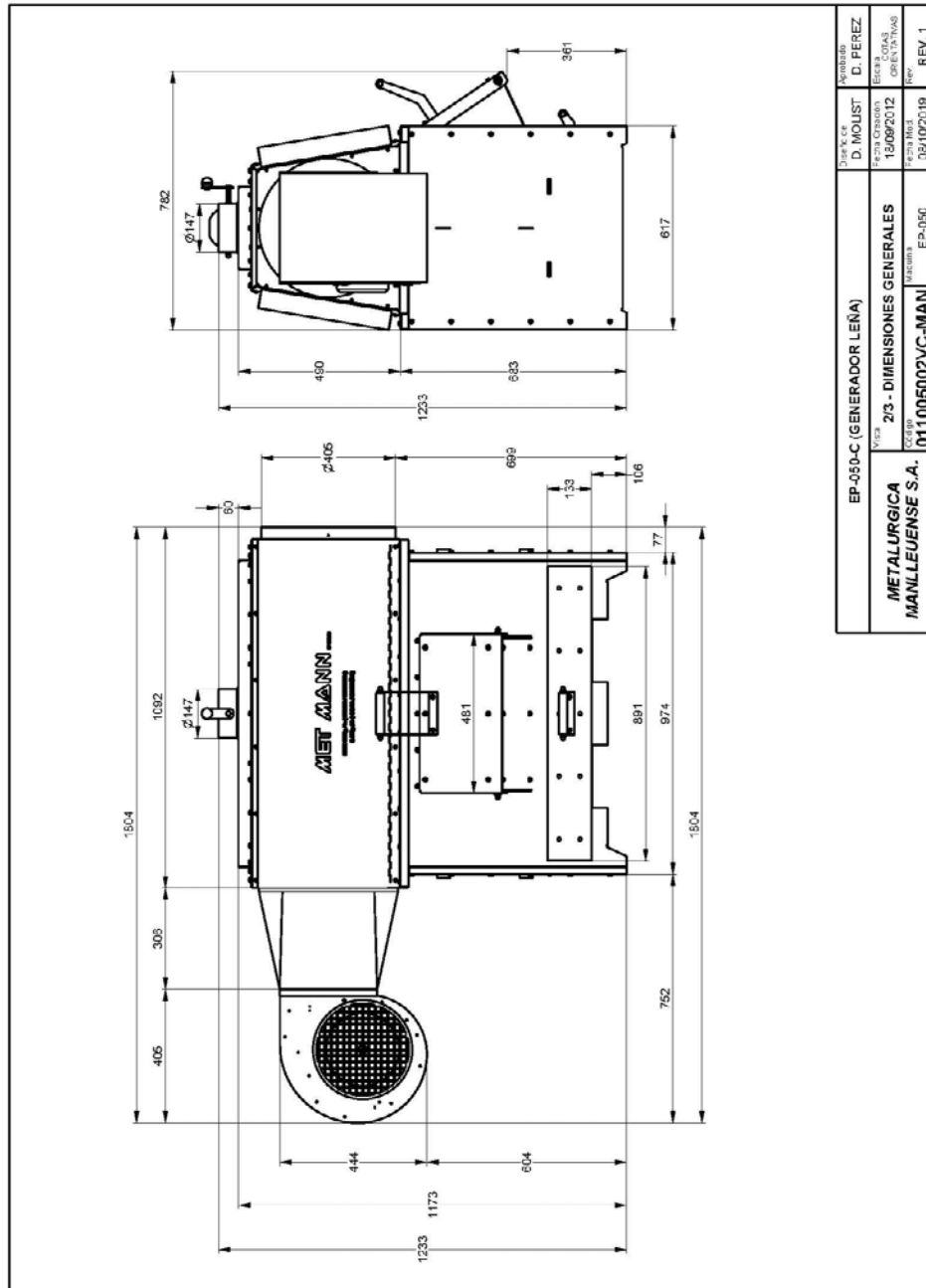
Combustion hearth with refractory bricks

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Overall Dimensions





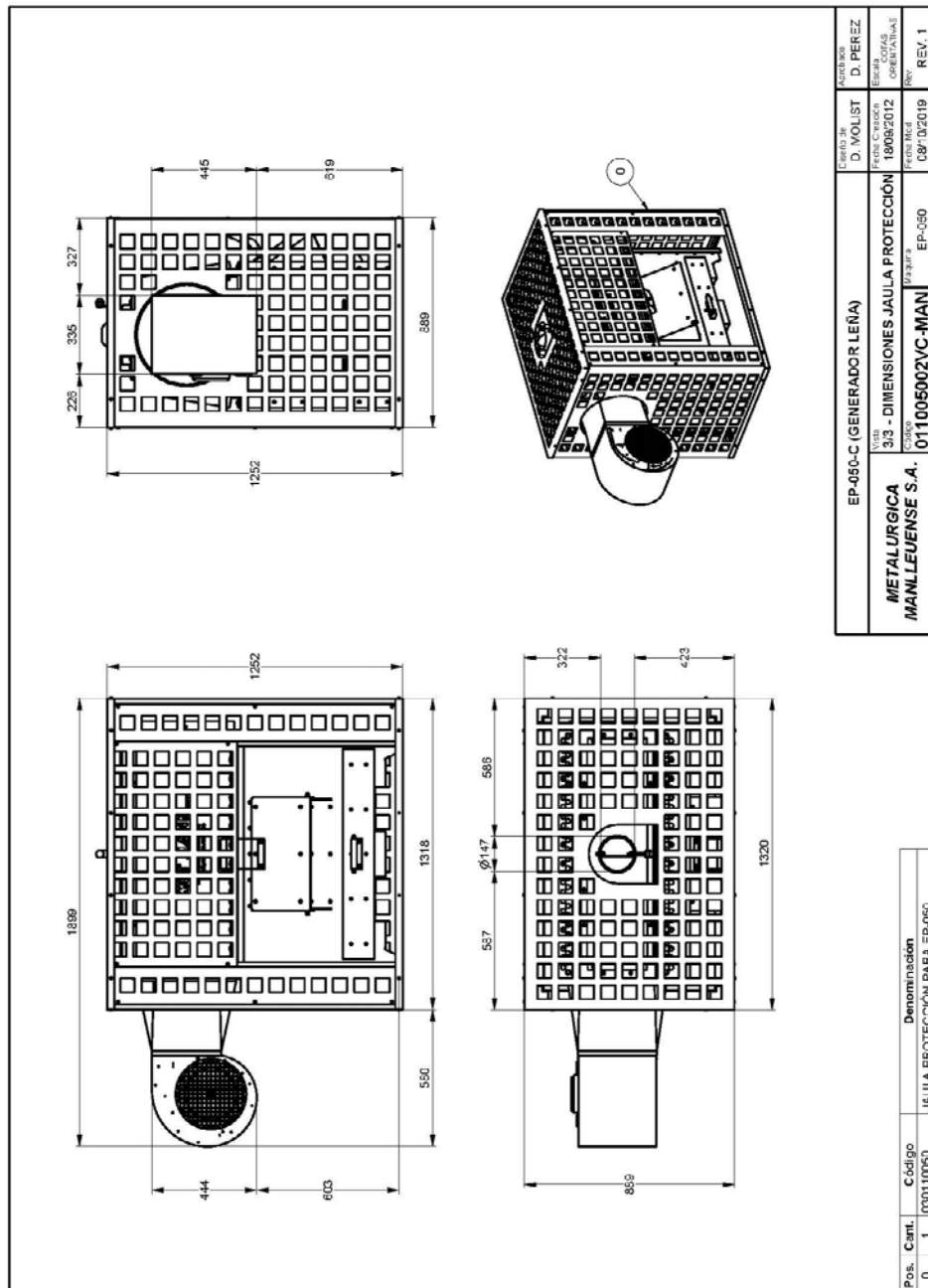
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Overall dimensions (with protective cage)



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Example of facilities

