

Residential cabinet heater



A wide range of domestic cabinet heaters is specially developed for particular houses or small rooms like small trade shops, work-shops etc.

The range includes 2 categories of units:

- Residential cabinet heater Aquitaine equipped with a separated external burner of natural gas or fuel;
- Cabinet heater Languedoc Comfort equipped with an integrated atmospheric burner of high efficiency and very low noise level.

All the models of the range are equipped with a speed variator for air flow adjusting and automatic power modulation for Cabinet heater Languedoc.

Standard equipment

- Lacquer-coated structure RAL9010
- Control panel with an interrupter on/off
- Speed variator (as option for Aquitaine 2055)
- Regulation and security thermostat
- Filter G2 (as option for Aquitaine 2055)
- Non-rigid spigot

Optional equipment

- Ambient thermostat or timer thermostat
- Plenum for direct discharge
- Plenum for round ducts connection
- Fume detector DAD (not connected)

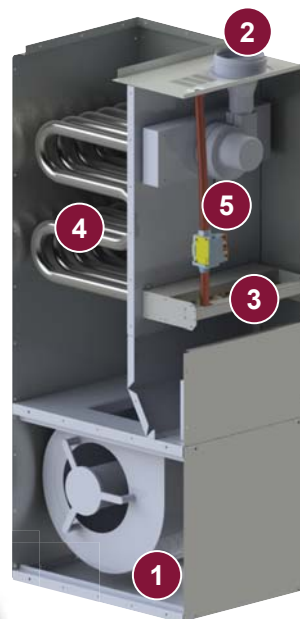
Certification

These appliances comply with the European norms "Gas Appliance Directive" 90/396/CEE
Electro-magnetic CEM 89/336/CEE.



Residential cabinet heater Languedoc

- 1 - Inlet filter (right or left side)
(not in the picture)
- 2 - Fumes evacuation
- 3 - Silent atmospheric burner
- 4 - High efficiency tubular heat exchanger
- 5 - Thermostat and security against high temperature



Burner



Multi-jet gas burner.
Combustion giving low nitrogen oxide emission,
it's environmentally friendly, high combustion efficiency.

*This burner technology allows optimum energy consumption,
which is good for the environment.*

$\eta > 91 \%$

Fan&Motor

Suspended motor with a silentbloc
integrated into the volute.

The heat of the motor is taken by blowing air,
increase of yield.



Energy optimization and low noise level

Residential cabinet heater Aquitaine

- 1 - Inlet filter (right or left side)
- 2 - Fumes evacuation
- 3 - Silent atmospheric burner
- 4 - High efficiency laminar heat exchanger
- 5 - Thermostat and security against high temperature
- 6 - Double skin structure

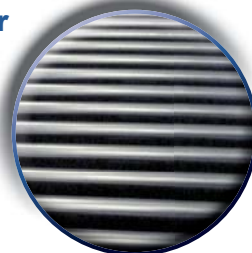


High efficiency laminar heat exchanger

The combustion chamber and heat
exchanger were studied to have
the best optimization of air flow.

*The yield is about 90% and fume evacuation is
naturally made (no smoke extractor).*

Maximum yield



Electronic regulation

All units are equipped with a sensor of pre-heating temperature before ventilation,
sensor for cooling after ventilation and speed variator.

Comfortable in using and security.

Comfort and security



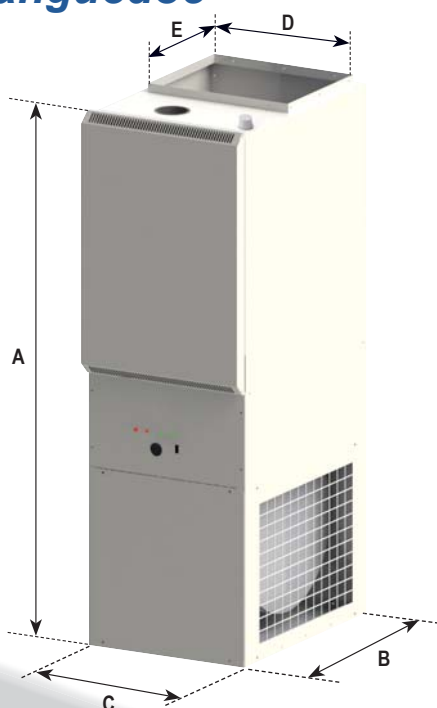
Residential cabinet heater



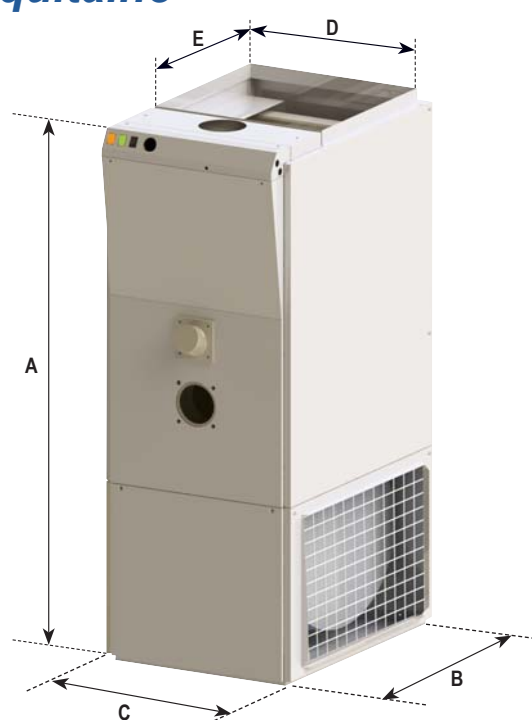
Performances

Models	Languedoc			Aquitaine			
	19	25	32	2017	2025	2040	2055
Calorific output (kW)	19	25,5	32	22	32	50	71
Effective power (kW)	17,2	23	29	19,7	29	45	63
Air flow (m³/ h)	1 150	1 350	1 900	1 800	2200	3 000	4500
DT (°C)	44	50	45	33	39	45	42
Pressure (Pa)	100	80	100	65	70	80	100
Motor power (kW)	0,17	0,17	0,25	0,12	0,18	0,55	0,73

Languedoc



Aquitaine



Dimensions

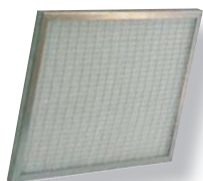
Models	Languedoc			Aquitaine			
	19	25	32	2017	2025	2040	2055
A (mm)	1410	1410	1410	1400	1400	1400	1650
B (mm)	625	625	810	750	750	750	900
C (mm)	430	560	510	550	550	550	700
D (mm)	380	510	450	500	500	500	600
E (mm)	338	338	540	500	500	500	600
Qty of nozzles (option)	4	5	6	6	6	6	6
Ø Fumes (mm)	80	80	80	123	123	123	145
Weight (kg)	110	130	170	160	160	160	250



Rates

Models		Languedoc			Aquitaine			
		19	25	32	2017	2025	2040	2055
Calorific output (kW)		19	25	32	22	32	50	71
Cabinet heater without burner		-	-	-	2017	2025	2040	2055
Cabinet heater		190 ME	250 ME	320 ME	-	-	-	-
Burner	Burner fuel	-	-	-	Bru600			
	Burner natural gas	included			Bru610			
	Burner GPL	included			Bru610+ Kit09			
Accessories	Filer box (with filter)	included			inclus			
	Inlet filter	1	FTR048	FTR0320	FTR049			
	Plenum for 6 round ducts(Ø 153 mm)	2	CA190	CA250	CA2017			
	Plenum for direct discharge, 4 sides	3	-	-	220 € CA2017D			
Regulation	Ambient thermostat 1 stage	4	PB172 A		PB172 A			
	Timer thermostat 1 stage	5	THE012F		THE012F			
	Electronic speed variator	6	included		included			

1



Inlet filter

2



Plenum for 6 round ducts (Ø 153 mm)

3



Plenum for direct discharge, 4 sides

4



Ambient thermostat 1 stage

5



Timer thermostat 1 stage

6



Electronic speed variator

