

TECHNICAL DATA SHEET CAB MODEL BURNERS

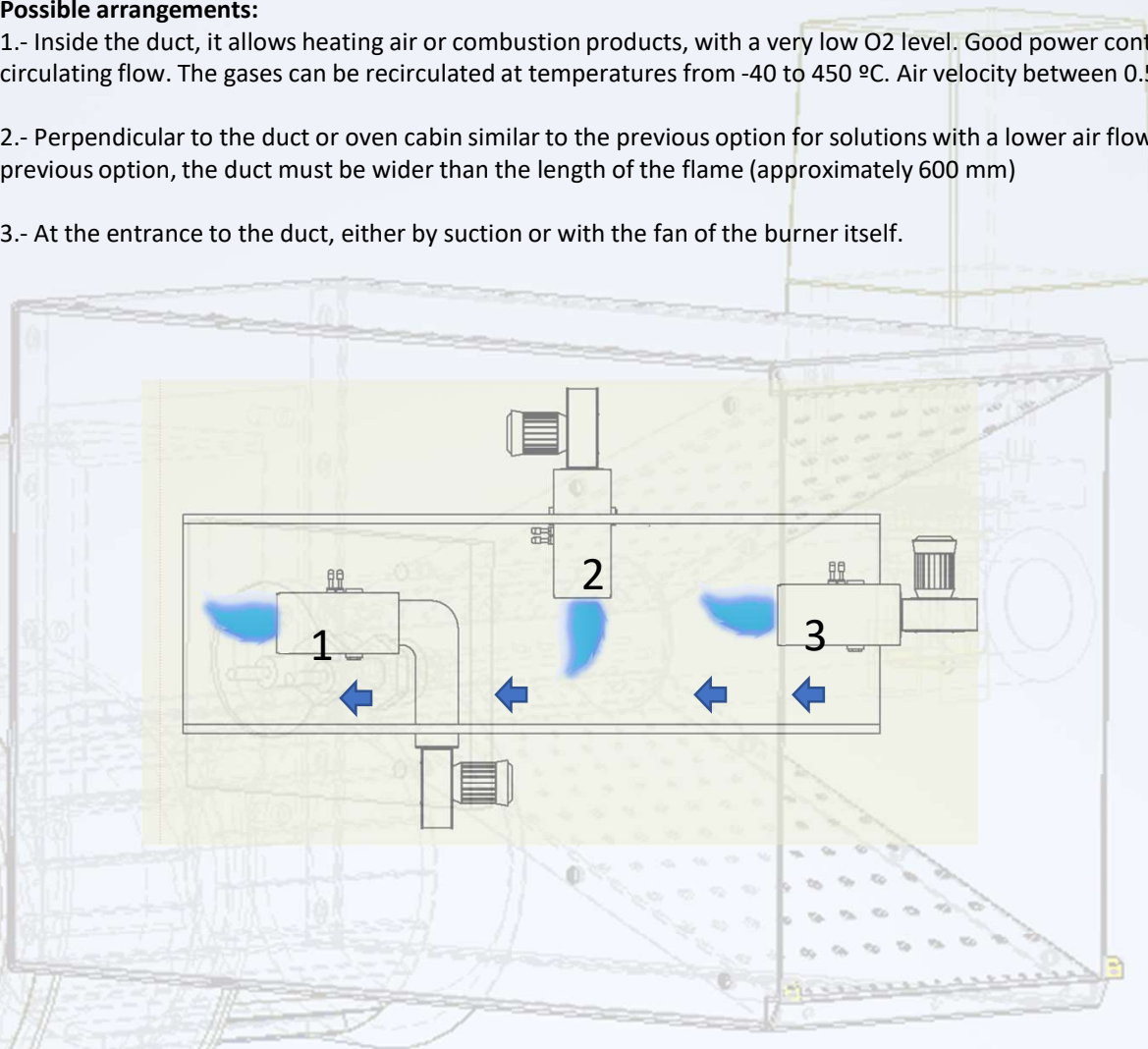
Our CAB equipment are air heat burners, with very low NO_x and CO emissions, manufactured in a robust stainless steel box, with a combustion fan. Depending on the application, the working temperature will be from 20-750° C, consult above 750°. Multifuel. Power ratio 1-25, higher on request. Thermal performance 100% over PCI. Very low inertia. Low sound level. Main applications: Direct / indirect air conditioning dried / cured Polymerized and surface treatments. energy recovery Disinfection of spaces.

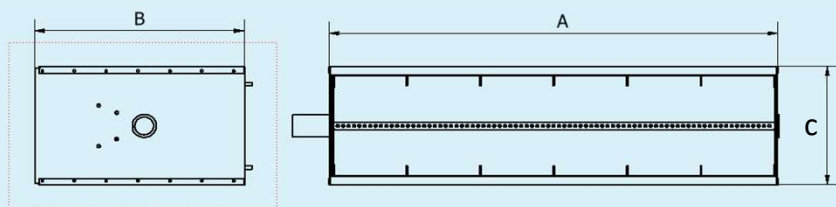
EFFICIENCY

The performance of the CAB burner is 100% over the PCI of the gas. Combustion gases are mixed homogeneously with those of the process, not requiring a combustion chamber since radiation is very low.

Possible arrangements:

- 1.- Inside the duct, it allows heating air or combustion products, with a very low O₂ level. Good power control regardless of the circulating flow. The gases can be recirculated at temperatures from -40 to 450 °C. Air velocity between 0.5 and 40 m/s
- 2.- Perpendicular to the duct or oven cabin similar to the previous option for solutions with a lower air flow speed than in the previous option, the duct must be wider than the length of the flame (approximately 600 mm)
- 3.- At the entrance to the duct, either by suction or with the fan of the burner itself.



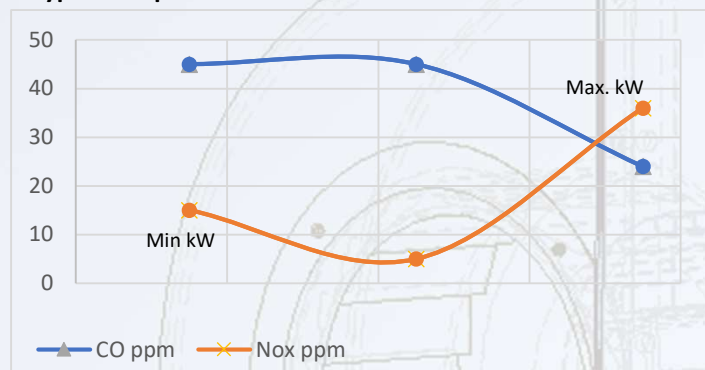


Power and estándar sizes

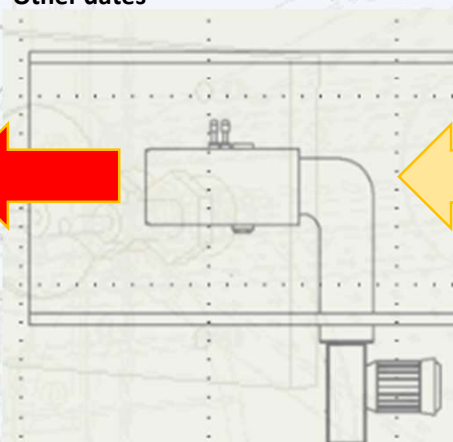
MODEL	kW	Pgn	Pp	Pb	A	B	C
CAB 100	100	20	8	7	162	346	255
CAB 200	200	20	8	7	312	346	255
CAB 300	300	20	8	7	462	427	255
CAB 400	400	20	8	7	612	427	255
CAB 500	500	20	8	7	762	427	255
CAB 600	600	20	8	7	912	427	255
CAB 700	700	20	8	7	1062	427	255
CAB 800	800	20	8	7	1212	427	255
CAB 900	950	20	8	7	1362	427	255
CAB 1000	1100	20	8	7	1512	427	255
CAB 2000	2200	20	8	7	1512	427	550

For powers between 2,500 and 4,000 kW, request a the data sheet.
Pgn, Pp, Pb respectively Pressure for natural gas, propane and butane.
BioGas / hydrogen possibility

Typical Propane Emissions



Other dates



Posibilidad de calentar gases
450 °C

The equipment can be installed in a duct, without a fan, 12% O₂ and adequate speed must be ensured depending on each application.
Chamber operation from -10 mbar to 20 mbar.
Fans for standard power measurements between 0.25 kW and 15 kW