

# CB2 Spraybooth Oven 12,000m<sup>3</sup>/hr



<b>Dimensions</b> (mm)	Internal	6500 x 4000 x 2430 high
	External	6600 x 4080 x 2930 high
<b>Options</b> (mm)	Length	7500 / 8000
	Height	3030 / 3600
<b>Air handling Plant</b>	Position	Floor standing
	Rated air-flow	12,000 m <sup>3</sup> /h – 3.16 air changes per minute
	Air movement	Down draught – ceiling input – pit extraction
	Burner	Direct gas fired – natural gas or LPG.
	Burner type	100 Kw Fully modulating gas burner
	Fans	Direct drive centrifugal
<b>Filtration</b>	Filter area	6000mm long x 2000mm wide input filter
	Input filter type	Resin applied 600g – 10 micron – EU5
	Extract filter type	Duplex fibreglass and polyester fibre
<b>Air Temperature</b>	Spray	22 deg. Centigrade (typical) adjustable.
	Bake	80 deg. Centigrade (maximum 100 deg. C)
	Flash off	37 deg. Centigrade (typical) adjustable
	Rise	25 deg. C above external ambient
<b>Fan motors</b>	Input & Extract	3.0 Kw – efficiency 1 – 415v three phase
<b>Lighting</b>	Standard	Hilux fittings with T8 fluorescent tubes
	Quadlux	Optional high efficiency shaped reflectors
	Lux level	1000
	Ballast	High frequency electronic. No maintenance.
<b>Floor</b>	Standard	Concrete floor with 4m x 2m pit.
<b>Energy saving</b>	QADs	Optional auxiliary air moving system
	FS Mode	Optional automatic recirculation system
		See spraybooth running cost sheet for detailed energy savings
<b>Noise</b>	Internal cabin	Nominal 76 – 78 dBa Meets the latest HSE legislation
<b>Services</b>	Electrical supply	20 A / 415V / 50Hz TP + neutral
	Gas input	Natural gas 9.2 m <sup>3</sup> /h / LPG 3.9 m <sup>3</sup> /h
	Gas pressure	Min – 15mb Max – 21mbar
<b>Warranty</b>	Standard	12 months warranty for parts and labour

# Features

## Construction

- Quality construction and modern, clean appearance.
- White polyester paint finish on galvanised steel substrate for excellent corrosion resistance and a light working environment.
- Fully sealed internally for airtight construction and improved cleanliness.
- Filter media is quick and easy to change by one person.

## Lighting

- Lighting levels;
  - Hilux 1000 lux – White reflectors
  - Quadlux 1200 lux – Aluminium shaped reflectors
- High frequency electronic light ballast save energy, extend tube life and provide more light output.
- Lights are maintained from inside the spraybooth for ease of access.

## Performance

- Designed for use with 2007 compliant coatings. With Junair QADs, jobs are produced faster, with more consistent results than conventional spraybooth oven equipment. Typically total process times are reduced by 33%.
- Direct gas firing with fully modulating burner. Fast temperature rise and accurate temperature profiling. Direct firing saves approximately 30% of fuel cost compared to indirect fired systems.
- Quiet in operation.
- Direct drive centrifugal fans.

## Energy Efficiency

- Energy efficient options include; (see running cost sheet for details)
  - QADs auxiliary air moving system
  - FS Mode – automatic recirculation for idle and flash off
- Eff1 energy efficient motors fitted as standard.

## Warranty, Service and Support

- 12 month parts and labour warranty is standard.
- Skilled engineers provide national service support with maintenance divisions based in the South, Midlands, North West and Scotland.

## Legislation

Designed, manufactured and installed to meet Government legislation; EU Machinery Directive - CE, COSHH, Environmental Protection Act, Health and Safety at Work Act, ATEX, NFPA 33, NFPA 86, NFPA 79