

### 3 Series DD Spraybooth Oven



<b>Dimensions</b>	(mm) Internal	6920 x 4000 x 3030 high
	External	7020 x 4080 x 3530 high
<b>Options</b>	(mm) Length	8100 / 9200 / 10000+
	Height	3500 / 4000
	Width	4500 / 5000
<b>Air handling Plant</b>	Position	Floor standing
	Rated air-flow	20,000 m <sup>3</sup> /h – 4.0 air changes per minute
	Air movement	Down draught –ceiling input– floor extraction
	Burner	Direct gas fired – natural gas or LPG.
	Burner type	170 Kw Fully modulating gas burner
	Oil	Indirect oil fired also available
<b>Filtration</b>	Filter area	Full width x 6100mm long 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	5.5 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 5m x 2m extraction pit
	Option	Fully extracted and fully gridded floor
<b>Energy saving</b>	QADs	Optional auxiliary air moving system
	FS Mode	Optional automatic recirculation system
	Variable air-flow	Optional automatic 4 speed VSD 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	32 A / 415V / 50Hz TP + neutral
	Gas input	Natural gas 15.55 m <sup>3</sup> /h / LPG 6.53 m <sup>3</sup> /h
	Gas pressure	Min – 15mb Max – 21mbar
<b>Warranty</b>	Standard	12 months warranty
	Optional	3 year warranty with service package

# 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.
- Two large windows in vehicle doors.
- Wide vehicle door opening for ease of loading / unloading.
- Large area input filter for improved air-movement.
- 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.
- Fully extracted floor is the ultimate spraybooth extraction system. The best system for painting and curing off car panels in conjunction with the vehicle.
- I System PLC control option with patented "Select Control" function where each paint type has a pre programmed profile. More consistent results.

## 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
  - Variable airflow with automatic 4 speed variable speed drives.
- Eff1 energy efficient motors fitted as standard.

## Warranty, Service and Support

- A 3 year warranty is offered with a service support package.
- 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