

4 Series DD Spraybooth Oven



Dimensions	(mm) Internal	6920 x 4000 x 3030 high
	External	7020 x 4080 x 3530 high
Options	(mm) Length	8100 / 9200 / 10000+
	Height	3500 / 4000
	Width	4500 / 5000
Air handling Plant	Position	Floor standing or Mezzanine mounted
	Rated air-flow	25,000 m ³ /h – 5.0 air changes per minute
	Air movement	Down draught–ceiling input–floor extraction
	Burner	Direct gas fired – natural gas or LPG.
	Burner type	212 Kw Fully modulating gas burner
	Oil	Indirect oil fired also available
Filtration	Filter area	Full length and full width input filter
	Input filter type	Resin applied 600g – 10 micron – EU5
	Extract filter type	Duplex fibreglass and polyester fibre
Air Temperature	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
Fan motors	Input & Extract	7.5 Kw – efficiency 1 – 415v three phase
Lighting	Ultralux	Advanced energy efficient lighting system
	Lux level	1200 to 1500
	Ballast	High frequency electronic. No maintenance.
Floor	Standard	Concrete floor with 6m x 2m extraction pit
	Option	Fully extracted and fully gridded floor
Energy saving	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	
Noise	Internal cabin	Nominal 76 – 78 dBa Meets the latest HSE legislation
Services	Electrical supply	45 A / 415V / 50Hz TP + neutral
	Gas input	Natural gas 19.4 m ³ /h / LPG 8.15 m ³ /h
	Gas pressure	Min – 15mb Max – 21mbar
Warranty	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.
- Fully glazed vehicle doors for enhance appearance.
- Wide vehicle door opening for ease of loading / unloading.
- Full width and full length input filter for improved air-movement.
- Filter media is quick and easy to change by one person.

Lighting

- Lighting levels;
Ultralux 1200 - 1500 lux – Aluminium reflectors.
- Ultralux lighting reduces the air-flow dead zone to a minimum.
- 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