



## 5 Series

The ultimate spraybooth combining quality with efficiency

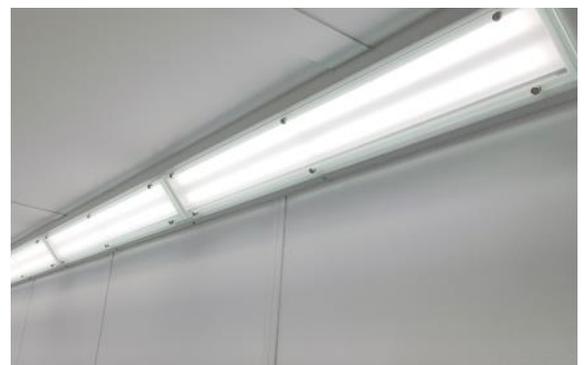


The 5 Series is the Junair, flagship model, combining state of the art technology with outstanding build quality, offering the most advanced spraybooth on the market.

Combining energy saving and production enhancing equipment, the 5 Series delivers the highest quality paint finish at the lowest possible cost per unit.

An EVAC EX or LEVAC EX fully extracted and balanced floor is incorporated as standard; this in combination with the full width, full length air inlet plenum, ensure its downdraught airflow is second to none.

- ➔ High Quality Construction
- ➔ HSE & FPA Fire Compliant
- ➔ Easy Change Filters
- ➔ LED Lighting Level Minimum 1000 Lux
- ➔ Full range of spraybooths options



Call us now on  01706 363 555 to discuss your requirements

# 5 Series Spraybooth Oven

The 5 Series is designed and manufactured in the UK using premium quality construction materials. Its white polyester paint finish on galvanised steel substrate offers excellent corrosion resistance and a light working environment, whilst also providing an aesthetically pleasing modern and clean appearance. Wall and roof panels are sealed internally ensuring optimum cleanliness. A full width and full length balanced plenum is incorporated for improved air movement within the booth. Filter media is quick and simple to change by just one operative. The 5 Series comes with fully glazed 2 leaf doors as standard, with a wide door opening, 2,652mm, for ease of loading and unloading whilst offering undisturbed views into and out of working areas.

## Performance

- Designed for use with compliant coatings.
- Junair QADs provide more consistent results than conventional spraybooth equipment. Typically reducing process times by up to 35%.
- Direct gas fired with fully modulating burner ensures fast temperature rise and accurate temperature profiling. Direct firing saves approximately 30% of fuel cost compared to indirect gas fired systems.
- Quiet in operation, 76-78dBa. Sound attenuation is an integral part of the air handling plant (conforms to HSE legislation).
- Direct drive centrifugal fans aluminium impellers are reliable and efficient with no drive belts to change.



QADs auxiliary air movement system



## UltraLux LED Lighting

- Provides excellent colour rendition and uniform lighting.
- Lighting level minimum 1,000 lux using angled white steel reflectors.
- UltraLux LED light fittings reduce the shadow areas within the cabin.
- Lights accessible from inside spraybooth for ease of maintenance.
- \* Option to upgrade to Halo LED for 360° lighting.

## Junair iSystem<sup>3</sup> Control Panel

Easy to use programmable touch screen PLC with selectable and consistent bake cycles ensuring paints aren't under or over cured. Its latest Siemens technology ensures you have the most reliable product possible.



iSystem<sup>3</sup>

## Energy Efficiency - Energy Efficient options include;

- QADs auxiliary air movement system (40% energy saving).
- FS Mode - automatic recirculation for idle and flash off (saves a further 20%)
- Variable Speed Drives (70% energy saving when combined with the above)
- Eff3 energy efficient motors fitted as standard: a tax rebate may be claimed for these.

\* Features incur an additional cost



\* LEVAC EX floor - optional extra

## Dimensions

- **Length** 7,000mm internal length as standard. Option for 8,000mm.
- **Width** 4,000mm internal.
- **Height** 2,500 internal height as standard. Option for 3,100mm or 3,600.

## Air temperature

25°C above external ambient on spray cycle.

## Floor

Full downdraught LEVAC EX or EVAC EX floor.

LEVAC EX Floor requires no excavation and sits on customers own floor.

EVAC EX Floor 500mm deep fully extracted and gridded floor.

## Filtration

- **Input Filter** Full length and full width input filter. Resin applied. EU5.
- **Extract Filter** PolyMat EX longlife filter to promote a longer life for your spraybooth oven. PolyMat Ex lasts longer than traditional duplex extract filters giving you longer between filter changes. The inner workings of the spraybooth are kept cleaner for longer, reducing build up of overspray inside the air handling plant, increasing the longevity of the spraybooth.



## Air Handling Plant

- Floor standing or chest mounted. Optional raised mezzanine mounted. Internally accessed.
- Downdraught air movement, Ceiling input with floor extraction.
- Direct, fully modulating, gas fired burner—natural gas or LPG.



<b>Air Handling Plant</b>	25,000m <sup>3</sup> /h	30,000m <sup>3</sup> /h	35,000m <sup>3</sup> /h	40,000m <sup>3</sup> /h	45,000m <sup>3</sup> /h
<b>Burner</b>	212kW	260kW	300kW	340kW	380kW
<b>Input &amp; Extract fans</b>	7.5kW	11kW	11kW	15kW	18.5kW
<b>Electrics - 415v / 50Hz</b>	45A	63A	63A	80A	100A
<b>Input - Natural Gas</b>	19.4m <sup>3</sup> /h	23.8m <sup>3</sup> /h	27.5m <sup>3</sup> /h	32m <sup>3</sup> /h	36m <sup>3</sup> /h
<b>Gas Pressure - Natural Gas</b>	Minimum 20mbar - Maximum 50mbar				
<b>Input - LPG</b>	30l/h	36l/h	42l/h	48l/h	54l/h
<b>Gas Pressure - LPG</b>	38mbar				

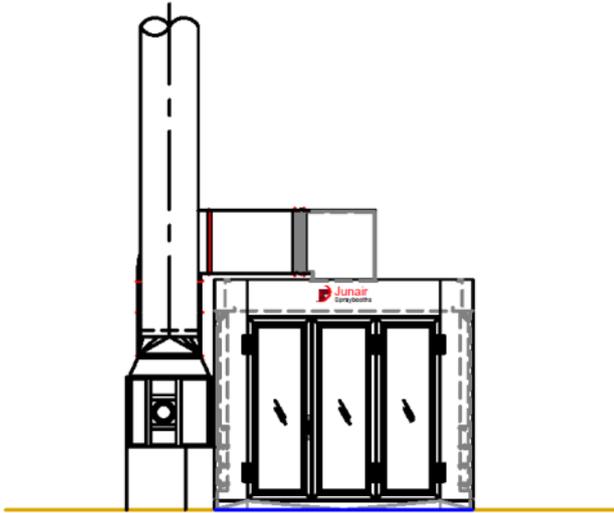
Fan Motors - Input & Extract fans are IE2 or IE3—415V three phase high efficiency motors.

## Warranty, service and support

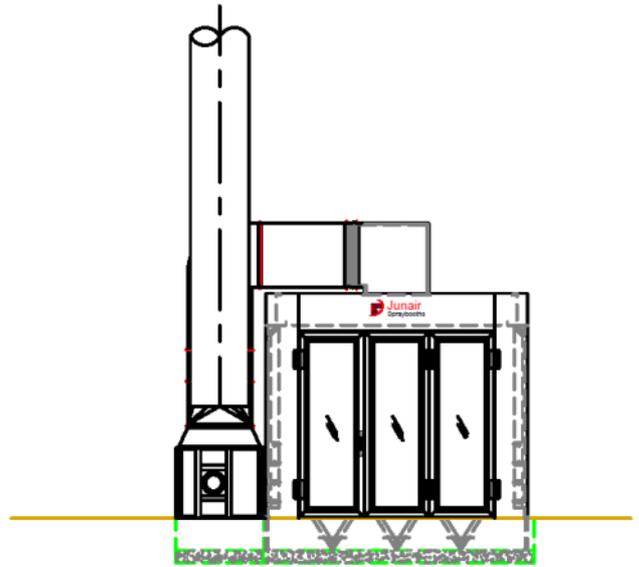
- 3 year warranty available subject to service contract and terms and conditions.
- Skilled engineers provide national service support with maintenance divisions nationwide.
- Spare parts available ex stock.

**Legislation** – Designed manufactured and installed to meet the latest government legislation; EU machinery directive CE, COSHH, Environmental Protection Act, Health and Safety at Work Act, ATEX.

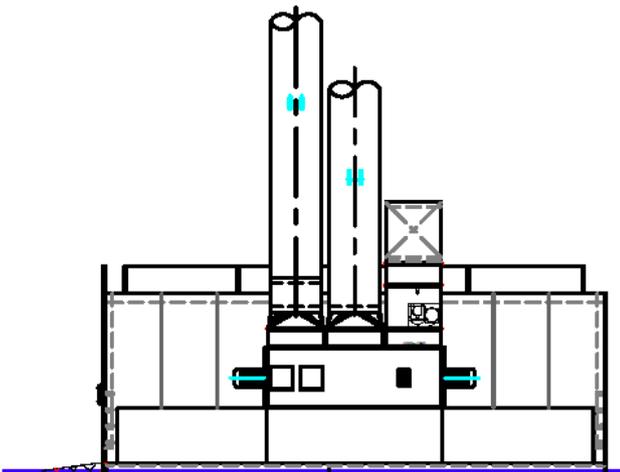
Front elevation - LEVAC EX Floor



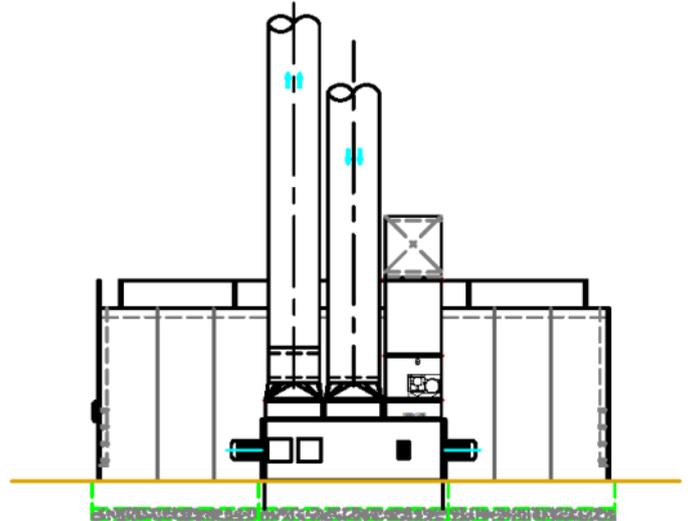
Front elevation - EVAC EX Floor



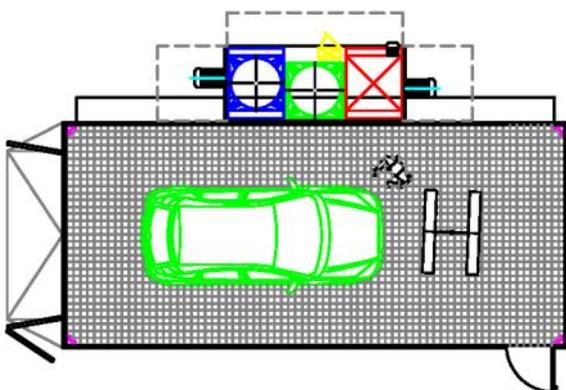
Side elevation - LEVAC EX Floor



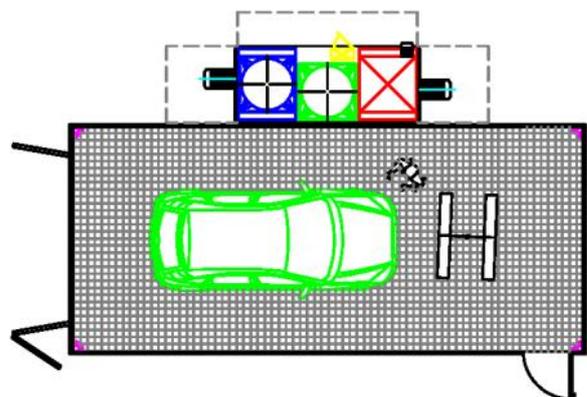
Side elevation - EVAC EX Floor



Plan view - LEVAC EX Floor



Plan view - EVAC EX Floor



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