



The benefits at a glance

- Fast flash-off time – 7 minutes complete application
- High Build Primer baked in just 15 minutes
- Ultra High Solids clear/solid baked in just 25 minutes
- Total process time for each base and clear job of 1 hour
- Cuts energy consumption by around 40%
- Eases the common Bodyshop bottleneck
- Can reduce the number of booths required, releasing useful floor space
- Reduces the need for fast activators - less stock holding
- Clean in operation – air filtered to just 10 microns
- Covers the whole vehicle
- Not compressed air driven
- Adjustable nozzles for painting panels off the vehicle

A wide range of options

The QADs™ system is available with a variety of options, which offer further performance improvement and significant additional savings in energy consumption and costs.

QADs™ Auto

Includes pneumatic door operation and fully automatic control panel.

QADs™ SN

Neutralises static electricity prior to painting and reduces it throughout the spraying and baking process.

QADs™ Eco-Active

Automatically varies the airflow to match process demands, further reducing cycle times and achieving even greater savings in energy consumption



Want to know more?

For more details about QADs™ and other energy-saving spraybooth equipment from Junair, call us today on 01706 363555, or send an email to sales@junair.co.uk. Alternatively, visit our website at www.junair-spraybooths.co.uk



Cut energy costs by up to 40%

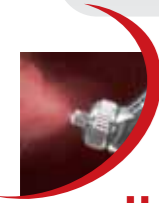
Reduce process times by 35%

Do more jobs, make more profit

Ideal for any make of spraybooth



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Save time, energy and money on paint drying and curing... process more vehicles, and generate more revenue

Energy costs are sky-high and look set to continue spiralling upwards for the foreseeable future. It's a real headache for Bodyshop businesses everywhere. In order to remain competitive and protect their margins, more and more Bodyshop Managers are looking at energy-saving spraybooth technology. Technology like the innovative and fully patented QADs™ auxiliary air moving system from Junair.

Fast, effective and fully compliant

QADs™ is an advanced system that supplies additional air flow from the corners of the spraybooth cabin. Developed by Junair, the QADs™ system is designed for use with coatings that comply with the 2007 Paint Directive and can be fitted to existing spraybooth ovens, whatever the make.

The clean, filtered and heated air provided by QADs™ creates the ideal environment for the fast, controlled flash off of waterborne base-coats and the rapid through curing of low VOC top coats.

Consistently superb results

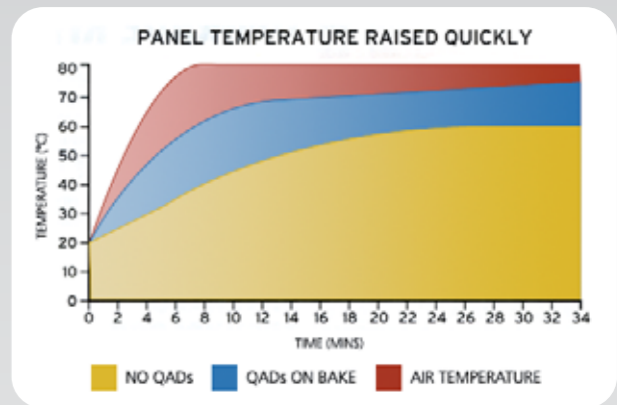
The disruptive airflow from the QADs™ nozzles, together with an elevated air temperature accelerates the evaporation of water from the paint coating. Unlike some other systems, QADs™ covers the whole vehicle in one operation ensuring consistent drying of waterborne base-coats.

Unrivalled performance on the curing cycle

Conventional spraybooths are inefficient in raising the lower panels of a vehicle to the required curing temperature. This is because warm air rises to the top of the cabin whilst cooler air descends to floor level. Differences of 10-15°C are not uncommon in conventional booths. This leads to extended baking times, taking up more valuable booth time and energy.

Heated air from QADs™, however, envelops the whole vehicle including the lower panels, ensuring that the recommended temperature is achieved quickly. On most spraybooth ovens QADs™ will achieve the lower panel temperature of 60°C within the 10-minute period specified by many of today's motor manufacturers.

QADs™ rapidly achieves the recommended panel temperature



Process more jobs, generate more profit

QADs™ can reduce overall paint drying and curing process times by around 35%. This means that one spraybooth can handle many more jobs, substantially increasing your capacity and revenue without the need or the cost of an additional booth. The savings from lower energy consumption and the ability to process more vehicles combine to give you a rapid return on your QADs™ investment.

Save up to 40% on your energy bills

Because the paint drying and curing process is so much quicker and more efficient with QADs™, you can save thousands of pounds on your energy costs through the lifetime of your spraybooth. Based on processing around 30 cars per week, you can save over £4,500 on your energy costs in the first twelve months, and more than £22,000 over five years. The savings are even higher when QADs™ are fitted to a booth equipped with Variable Speed Drives, such as Junair's own Eco-Active system. Savings of over £36,000 over five years are typical.

Based on 30 jobs per week in an average spraybooth oven (Energy costs @ January 2007)

	£ Topcoat	£ Primer	Cost Week	Cost Year	Cost 5 Years	Cost 10 Years
Direct gas fired spraybooth no energy saving technology	£7.64	£4.74	£221	£11,027	£55,134	£110,269
Spraybooth Oven with Junair Technology						
Booth with QADs™	£4.51	£2.80	£130	£6,514	£32,570	£65,140
Booth with QADs™ + VSD's	£2.62	£1.62	£76	£3,779	£18,897	£37,793
Potential Savings						
	£ Topcoat	£ Primer	Cost Week	Cost Year	Cost 5 Years	Cost 10 Years
Booth with QADs™	£3.13	£1.94	£91	£4,513	£22,564	£45,129
Booth with QADs™ + VSD's	£5.02	£3.12	£145	£7,248	£36,237	£72,476

Clean and contamination-free air flow

Supplying air filtered to just 10 microns, QADs™ is incredibly clean in operation. Furthermore, unlike other systems on the market that are roof-mounted or fixed to the cabin's side panels, QADs™ will not generate contamination caused by air flows striking the booth floor and disturbing dust.