



Cut energy costs by up to 40%

Reduce booth cycle times by 35%

Do more jobs, make more profit

Ideal for any make of spraybooth



AMERICA'S FINISHING EXPERTS

CONVERT TO **WATERBORNE BASECOATS** AND **ULTRA HIGH SOLIDS CLEARS**

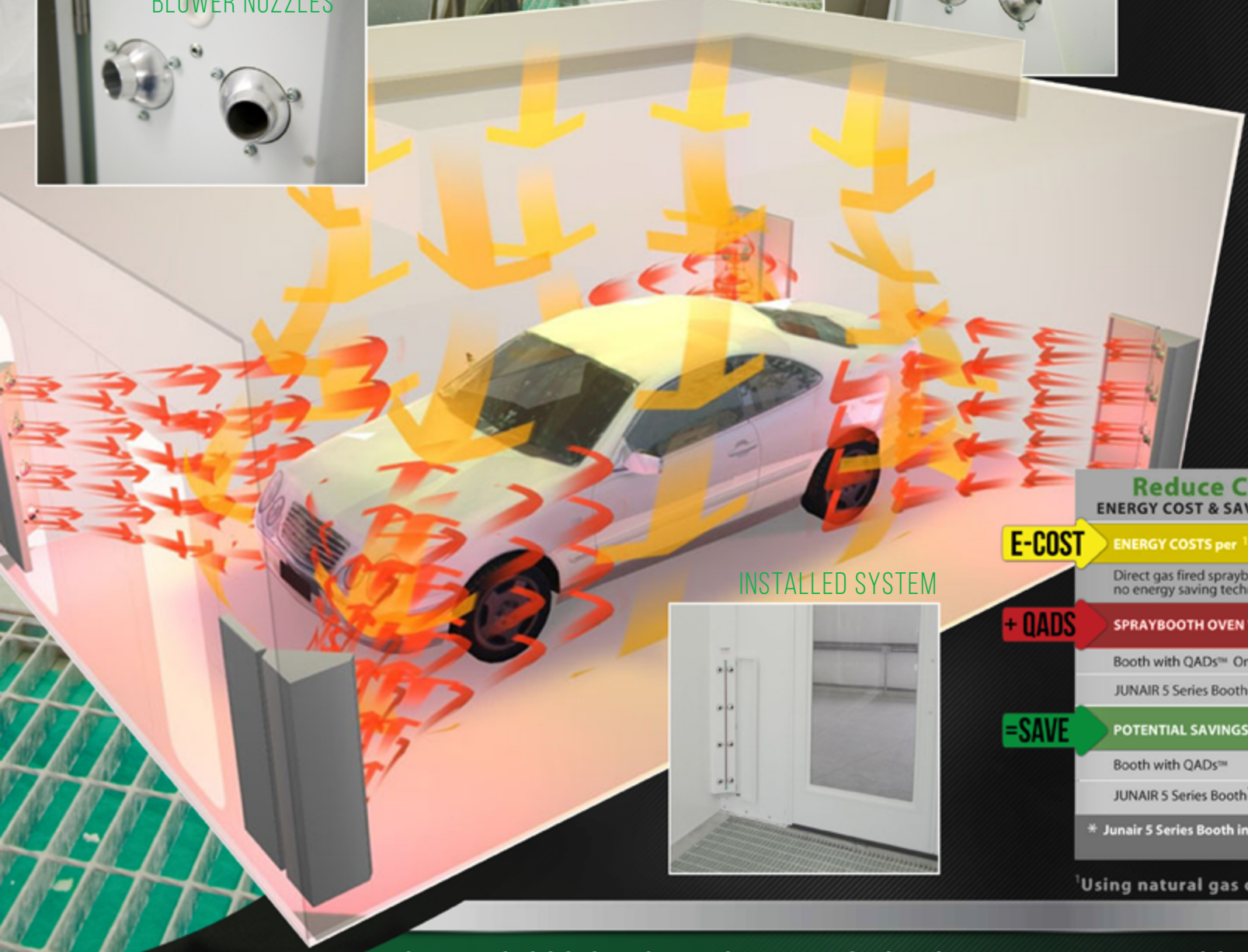
SAVE TIME, ENERGY AND MONEY BY IMPROVING PA



STACKED BLOWER TOWERS



BLOWER NOZZLES



INSTALLED SYSTEM



Reduce Cycle Time
ENERGY COST & SAVINGS

E-COST ENERGY COSTS per 1
 Direct gas fired spraybooth with no energy saving technology

+ QADS SPRAYBOOTH OVEN WITH QADs™
 Booth with QADs™ On Balance JUNAIR 5 Series Booth* v

=SAVE POTENTIAL SAVINGS per 1
 Booth with QADs™ JUNAIR 5 Series Booth* v

* Junair 5 Series Booth includes QADs™

¹Using natural gas cost

OVER 10,000 QADS™ INSTALLATIONS WORLDWIDE... THE BIGGEST

LOW VOC), REDUCE BOOTH CYCLE TIME AND CUT ENERGY CONSUMPTION

SHORTEN CURING TIME & QUALITY... PROCESS MORE VEHICLES, AND GENERATE MORE REVENUE

Energy costs are sky-high and look to remain that way for the foreseeable future. Energy consumption can become a headache for body shop businesses everywhere. In order to remain competitive and protect their ever dwindling margins, body shop managers are looking at every way to save, and one of the biggest ways to save is by using energy-saving spray booth technology. The patented QADs™ auxiliary air movement system is one of the best, easily retrofitted enhancements you can make to your booth to cut energy costs.

FAST, EFFECTIVE AND DESIGNED FOR LOW VOC PAINTS

QADs™ is an advanced auxiliary air movement system that supplies additional air flow from the corners of the spray booth cabin. Developed by Junair, the QADs™ system is designed for use with coatings that are compliant with low VOC regulations.

The clean, filtered and heated air provided by QADs™ creates the ideal environment for the fast, controlled flash-off of waterborne basecoats and the rapid thorough curing of high and ultra high solids topcoats.

PROCESS MORE JOBS, GENERATE MORE PROFIT

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

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 dollars on your energy costs through the lifetime of your spray booth. Based on processing around 30 cars per week, you can save over \$7,000 on your energy costs in the first twelve months, and over \$36,000 over five years. The savings are even higher when QADs™ are fitted to a Junair Series spray booth equipped with a number of industry-leading energy saving features.

Cycle Times and Cut Energy Costs					
Savings (based on 30 jobs per week in an average spraybooth oven)					
	Job	Week	Year	5 Years	10 Years
Without QADs™	\$12.12	\$363.60	\$18,180	\$90,900	\$181,800
WITH JUNAIR TECHNOLOGY					
Without QADs™	\$7.23	\$216.90	\$10,845	\$54,225	\$108,450
With QADs™	\$3.41	\$102.30	\$5,115	\$25,575	\$51,150
	Job	Week	Year	5 Years	10 Years
Without QADs™	\$4.89	\$146.70	\$7,335	\$36,675	\$73,350
With QADs™	\$8.71	\$261.30	\$13,065	\$65,325	\$130,650

Options: Production Pack - QADs on Bake
Economy Pack - Multi-step VFDs, FS (Fuel Saver) Mode

Cost of \$11.00/mcf and electricity cost of \$0.095/kwh

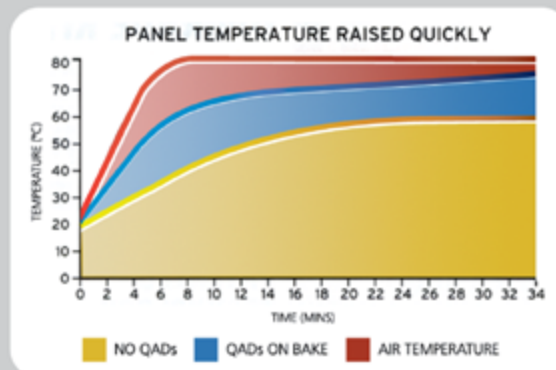
CONSISTENTLY SUPERB RESULTS

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

Unrivalled performance on the bake cycle

Conventional spraybooths are inefficient at raising the temperature of the vehicles' lower panels to the required curing temperature. This is because warm air rises to the top of the cabin whilst cooler air descends to the floor level. Differences of 20 - 30° F are not uncommon in conventional booths. This leads to extended baking times, taking up more valuable booth time and increasing consumption.

Heated air from QADs™, however, envelops the whole vehicle including the lower body panels, ensuring that the recommended cure temperature is achieved quickly. On most spraybooth ovens QADs™ will achieve the lower panel temperature of 60° C /140° F within the 10-minute period specified by many of today's paint manufacturers.



CLEAN AND CONTAMINATION-FREE ACCELERATED AIR FLOW

Unlike all other auxiliary air movement systems, QADs™ draws air from the input plenum. This clean air is then filtered with over 11 square feet of 10-micron filter media. The QADs™ blower tower nozzles are protected from overspray during the spray cycle by automatically operated doors, as well as by the positive air pressure inside the blower towers. These patent protected features produce incredibly clean, turbulent air. Furthermore, unlike other AAM systems where blower towers are ceiling mounted or attached high on the side panels, QADs™ blower towers are specifically positioned to prevent air flows from striking the booth floor and disrupting dust.

TOP NAMES IN THE INDUSTRY WORK WITH SPRAY-TECH/JUNAIR



The benefits at a glance

- Fast flash-off time 3 – 7 minutes solvent or waterborne basecoat
- Ultra High Solids clear/solid baked in just 25 minutes
- Total cycle time for waterborne base and UHS clear job of 1 hour
- Cuts energy consumption by around 40%
- Eases the common body shop bottleneck
- Can reduce the number of booths required, releasing useful floor space
- Reduces the need for fast activators - less inventory, less cost
- 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

Additional benefits with QADs™ SN

- Reduces dirt in the paint job
- Improves color matching, especially with light metallic colors
- Reduces substrate "grinning through" especially in tight body lines

A wide range of options

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

QADs™ Manual - Includes manually operated blower tower doors and simple controls with automatic shut-off timer

QADs™ Automatic - Includes pneumatic blower tower door operation and fully automatic control panel

QADs™ on Bake - In addition to QADs™ Automatic features, includes elevated temperature control during flash-off and engages QADs™ during bake cycle

QADs™ SN - In addition to QADs™ on Bake features, includes static neutralization system to neutralize static electric charge prior to painting and reduces it throughout the spraying, flash-off and baking processes.



QADs™ SN Blower Tower

QADs™ used & recommended by all major paint manufacturers

QADs™ world leader with proven technology and over 10 years experience



PRODUCING ONLY THE HIGHEST QUALITY FINISHING EQUIPMENT SINCE 1994

Est. 1994 and based in Rialto, CA, Spray-Tech/Junair is an American brand whose products have achieved international reach & relevance.

Spray-Tech/Junair produces some of the world's most efficient industrial finishing products that deliver exceptional results while leading the industry in eco-friendly design. Spray-Tech/Junair is dedicated to doing business without damaging the environment; that's why we utilize solar-panel technology to run our manufacturing facility.

REQUEST A QUOTE :

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