

# Free Energy Survey

If you would like to know how much energy your spray booth currently uses and see how much you could save by improving the performance of your spray booth oven equipment, please complete this survey form and we will be pleased to calculate your existing spray booth energy consumption and suggest ways to save energy and save money.

For multiple spray booths, please copy this sheet and complete one form per booth.



**JUNAIR**  
SPRAYBOOTHS

**Return to Peter Belding by fax 1300 858 095 or email [sales@junair.com.au](mailto:sales@junair.com.au)**

Business  Contact Name

Address

Telephone  Fax

Email

Spray booth type

Spray booth manufacturer

Approximate age  Hours run (on control panel)

Fuel used      GAS       LPG       OIL

\*Extract fan motor size kW (found on motor name plate)

\*Input fan motor size kW (found on motor name plate)

\*Some booths have twin motor set-ups, normally identified on the manufacturer's ID plate as 2x5.5kW and 2x4.0kW

What is the spray booths rated airflow (on name plate cfm or m3/h)

Indirect or direct fired (Does the heater section of the plant have a flue which goes to outside? this can be 150mm to 250mm diameter)      YES       NO

Does the spraybooth have an auxiliary air movement system      YES       NO

If yes, where are the nozzles placed

What is the equipment set to for spraying air temperature °C

What is the equipment set to for flash off air temperature °C

What is the equipment set to for baking air temperature °C

What is the total flash off time for all coats

What is the total baking / curing time

Approximately how long does your average job take in the spray booth including loading/unloading/spraying /flash off/ baking

Is your booth fitted with variable speed drives (booth runs at a lower air flow rate when idle)      YES       NO

If yes are the VSDs operated by pushing a button or fully automatic

How many top coat jobs do you do in this booth per week

**If you have any trouble identifying the items listed above please contact Junair we will help you to identify the essential information required to provide the energy calculations. Call Peter Belding on 0404 608 622.**

*These energy calculations provide a good approximation of the energy used and savings that can be made. There are a number of variables that determine the outcome of the calculations such as energy prices, process times and this survey is intended as an indication only and not an exact energy cost.*