



CSIRO, Melbourne



Qantas domestic terminal, Sydney

It is a simple fact that at a latitude of approximately 22 deg N, similar to Hong Kong, every 1.4m<sup>2</sup> of glazing can effectively transmit heat at the same rate as a 1kW electric heater. The cost of removing that heat in terms of air-conditioning can be very significant and the combined problems of direct radiation and glare still exist.

The Robertson range of louvres and custom designed solar shades can provide striking architectural features to any building. They are also a practical solution that allows air to flow and remove heat, yet shade the inside of the building at the same time.

With more than 80 years experience in the development, design, manufacture and installation of all types of ventilation systems, we have the technology to ensure that our quality solar shading systems satisfy all environmental requirements that the modern building and the personnel within demand.

#### **Architectural Featuring**

Solar shading provides strong architectural featuring and welcome shading. They can be either vertical or horizontal and can be manufactured in painted or anodised aluminium or colour coated steel (including Robertson's unique Versacor coated sheeting).

Blade profiles include;

- Sigma
- Robertson Performance Series
- Renson Eclips
- Icarus elliptical/aerofoil

Special shapes can be designed to suit your requirements (note that special shapes may be subject to minimum quantity requirements).

#### **Economical**

As louvred roof shades offer a direct reduction in the heat gain on a building there are clearly identifiable cost savings to be made in terms of air-conditioning running costs.

With suitable controls and correct equipment selection reductions in direct radiation in the order of 10% can be achieved. Glare is also substantially reduced while allowing an acceptable level of natural daylight to enter the building.