



NATURAL VENTILATION THE HELLA NEW ZEALAND LIMITED FACTORY

Case History

**“A 3 degree
reduction in
five minutes”**

PROJECT:
PROJECT LOCATION:
THE COLT SOLUTION:
COLT PRODUCTS USED:
SPECIFIER:
MAIN CONTRACTOR:
PROJECT BRIEF:

Hella New Zealand Limited
Auckland
Natural Ventilation
Seefire/ MultiFunction
Hella New Zealand Limited
Colt Products and Systems
Naturally Ventilate a
100m x 50m Factory



Hella New Zealand experienced rapid growth. The combined effects of solar radiation and increasing internal heat loads had made working conditions within the factory uncomfortable for the staff.

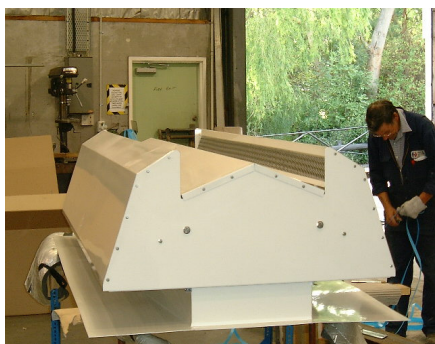
Energy conscious management required an energy conscious solution.



The Colt solution was to ventilate the factory by utilising the powerful natural currents already present within the building. This was achieved by placing electrically controlled Multi-Function ventilators along the ridgeline to allow the hot air to escape, and placing SeeFire operable louvred ventilators at low level to allow cool fresh air to enter as replacement.

The whole system is zoned and thermostatically actuated.

**Best of all....
reducing the temperature on hot days
is now FREE!**



Architectural Solutions

- ✓ Climate Control
- Smoke Control
- Car Park Ventilation

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