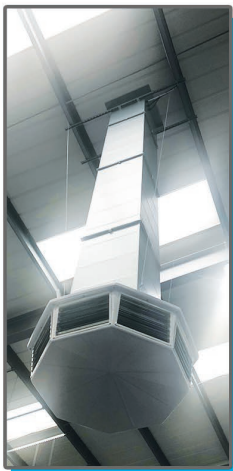


QUALITY



Paxton case study

▼ Paxton



Smart cooling for a smart company.

Clean Air and the QAD230 evaporative cooler prove the perfect answer to cool premises at Paxton.

- Air Conditioning
- Evap Cooling
- Heating
- Ventilation
- Maintenance

You feel it immediately as you walk onto the factory floor. The atmosphere is transformed.

We took great care to choose the right contractor.

Thank you, we look forward to working with you again.

Tom Saunders • Facilities Manager
Paxton Access Ltd

A hot brief

Paxton design and manufacture market leading IP access control, door entry and building intelligence systems for smart buildings. Around 25,000 buildings are secured by Paxton globally each year.

Now a smart choice was needed to cool and ventilate their own premises. Paxton's warehouse could get hot in the summer with large production equipment, flow lines and over 80 staff all impacting on the temperature.

A smart choice in cooling

The search for the right HVAC contractor began at the Facilities Show. Here they met with Clean Air who impressed them. Like Paxton, Clean Air have over 30 years experience and a commitment to unrivalled technical and post sale support. Visits to previous installations followed and Paxton were able to see, first hand, how expert design, considered specification and skilled installation combine to deliver outstanding cooling results.

The solution

Clean Air quickly got to work, scheduling the installation around the needs of Paxton to help minimise disturbance and avoid downtime in production.

For their economy, powerful cooling capability and strong green credentials the natural choice was the CoolBreeze QAD230 evaporative cooler.

Four were duly installed, each unit able to reduce the temperature of 360m² by up to 16°C. Hexagonal plenums were used to evenly distribute the chilled air to the factory floor of around 1000m².

Finally to ensure that the newly introduced fresh and filtered cool air continually circulates the workplace, vents were strategically placed in the roof to expel the rising hot air.

Commitment to health and safety was high. The factory has high ceilings and a double lift was required, not an issue for Clean Air engineers who have full 'Working at Heights' training.

The results

The ultimate test came with the heatwave of July 2018 when temperatures regularly exceeded 30°C.

The CoolBreeze units quickly proved their worth, keeping workers in air conditioned comfort with ease. Perhaps not surprising given that they are designed and manufactured in Australia where such extreme high temperatures are the norm.

Now that's clever cooling!



creating a better work environment

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