

Thermosystems Project Profile: **VETERINARY PLANT CHILLER REPLACEMENT 2025-2026**

A FUTURE-FOCUSED APPROACH

A Veterinary Plant's McQuay WSC centrifugal chiller had become **one of the facility's most critical assets**, providing dependable cooling when other, larger chillers were less effective. Years of oil pressure issues and leaks raised concerns about the unit's long-term reliability. To help prevent unexpected outages, the facility team began **exploring proactive solutions to address aging components**.

They needed an OEM-backed service partner with extensive experience supporting McQuay equipment. As a **Daikin Authorized Service Provider**, we were able to provide genuine replacement parts, engineering support, and deep technical expertise for legacy Daikin Applied equipment.

A TACTICAL MODERNIZATION

Our team **assessed the chiller, identified risks, and developed a long-term plan**. This approach significantly extended the life of the existing equipment without the immediate expense of a full replacement.

Solutions Involved:

- Overhaul of the chiller and replacing critical wear components.
- Upgrading controls, insulation, and operator interface technology.
- Providing commissioning, training, and 5-year maintenance and warranty coverage.



DELIVERING RELIABLE COOLING

The McQuay WSC chiller was **successfully renewed with improved reliability, updated controls, and long-term service support**. This restored critical mechanical functions and reduced the risk of downtime.

THE SOLUTION PROVIDED



Upgrades to their McQuay WSC126 Centrifugal Chiller that:

- Reduced lifecycle risk
- Protected operational continuity
- Delivered on capacity

IMPACTFUL TEAMWORK

To protect facility operations at every step, our team worked closely with factory resources and experienced service personnel to:

- **Carefully evaluate critical chiller components** to maximize long-term chiller value.
- **Redesign the controls interface** to improve diagnostics and simplify operation.
- To **complete complex balancing** and ensure performance within design specifications.

CONTACT US TO DISCOVER MORE.

📞 (630) 693 - 0930

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