



# PRECISION COOLING: 100KW UPGRADE FOR A LEADING IRISH STRAWBERRY FARM

**A seamless partnership delivering high-capacity reliability for a strawberry farm.**

When dealing with fruit, temperature control isn't just a requirement - it's the difference between a successful harvest and significant waste. RSL GROUP recently partnered with a specialist refrigeration contractor to deliver a high performance 100kW replacement system designed specifically for the rigorous demands required.



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# ENGINEERED RELIABILITY

In collaboration with a local refrigeration contractor, a custom cooling solution was developed to replace a strawberry farm's aging equipment. The goal was to build a more resilient, high-capacity system capable of performing flawlessly during the critical peak harvest. This new installation ensures maximum reliability when demand is highest, protecting the crop through a more powerful and dependable cooling infrastructure.

## THE TECHNICAL SOLUTION

Working in close collaboration with the refrigeration contractor, a bespoke solution was developed to meet the site's unique load requirements.

This partnership resulted in a high-specification system featuring fully housed Centauro condensing units, which provide a professional, clean finish and essential weather protection for the internal machinery against the Irish elements. To ensure consistent cooling throughout the facility, large industrial Centauro DDCE evaporators were selected; these evaporators deliver the required capacity to eliminate any hotspots in the chill store and keep the product chilled to the required temperature.

The system is anchored by 30 HP Bitzer compressors, chosen specifically for their proven reliability and efficiency in heavy-duty industrial applications.



# SYSTEM LONGEVITY

## OPTIMISED PERFORMANCE

The synergy between the Centauro solutions and Bitzer's 30HP engineering created a system that was straightforward for the contractor to commission. The industrial-grade evaporators provide precise air distribution needed to ensure the strawberries stay at the exact temperature required from the moment they leave the field.

## LET'S DISCUSS YOUR NEXT PROJECT

The right equipment and partnership are essential for any successful cooling project. If you are looking for high-capacity solutions for demanding industrial and agricultural sites, get in touch today to start your next project.

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