



DESIGN & INSTALL OF NEW COOLING SYSTEM FOR LOGISTICS COMPANY

DESIGN & INSTALL

J & E Hall has successfully completed the design and install of a new cooling system for a logistics company, which provides chilled storage and distribution.

The existing equipment was operating on outdated, high GWP refrigerants and much of it was beyond economical repair.

This particular chilled warehouse operates as a milk distribution centre and the dairy products need to be stored between 2°C and 4°C.

Group products were used where J & E Hall selected a Daikin air cooled chiller which feeds seven coolers and condensers air coolers.

The new installation provides closer temperature control across the three main storage areas. The primary refrigerant used in the Chiller is R32 giving a significant reduction in GWP. Coolflow DTX was used as the secondary coolant, which proves to be more efficient than a typical monopropylene glycol blend.



CASE STUDY SUMMARY

OBJECTIVES: Replace existing equipment to produce better temperature control across the 3 main storage areas, between 2 & 4°C

EQUIPMENT: Daikin chiller, 7 coolers & condensers air coolers

“The works were carried out with zero disruption to the operation and the install team were very conscious of the needs on site while they worked.”

Site Projects Manager



J & E HALL UPGRADE FOR HIGH VOLUME CHILL STORE

CASE STUDY



PROJECT

One of the main reasons that J & E Hall were the chosen contractor was the relationship built by our National Sales Manager, Lloyd Newman. It gave J & E Hall the opportunity to quote for the work against a competitor specification, which was challenged, and J & E Hall designed and delivered a solution which suited the customer's requirements and budget.

As principal contractor for the project, J & E Hall appointed a site manager who effectively managed the project under the CDM 2015 regulations. This added significant value to our relationship with the customer. We now have a very happy client providing excellent feedback on the professionalism displayed by our chosen sub-contractors.

Quotes

"From the first meeting through the tendering and design process J & E Hall were exceptional, they listened to our requirements and worked with myself and the team onsite to ensure that once work started everything was well prepared and there were no surprises"

"Once the job was finished (on time, safely and to budget!) the commissioning process was carried out fully involving the site team to ensure that the new system was fully understood by all."

Site Projects Manager

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