



J & E HALL CONDENSING UNITS COMPACT COOLING SOLUTION

DELIVERING A REFRIGERATION SOLUTION FOR A NEW INDEPENDENT FOOD RETAILER IN MUMBLES



PROJECT OVERVIEW

Craven Cooling was appointed to design, supply and install a complete commercial refrigeration system for a new independent food retail outlet in Mumbles, South Wales. The project involved converting an existing building into a modern retail environment, requiring a reliable refrigeration solution that could be installed within a restricted space while meeting the demands of a busy refurbishment programme.

Specified by Craven Cooling, J & E Hall condensing units formed the heart of the refrigeration system, providing dependable, energy-efficient performance for chilled and frozen display equipment.

THE CHALLENGE

The installation presented several practical challenges for the Craven Cooling engineering team.

Working within a confined rear plant area, three condensing units had to be positioned to maximise airflow while maintaining safe access for future servicing. Inside the building, refrigeration cabinets had to be carefully manoeuvred through the property and negotiated up six internal steps before reaching their final positions.

With multiple trades working on site simultaneously, deliveries, installation and commissioning also had to be carefully coordinated to keep the project on programme and minimise disruption.



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CASE STUDY



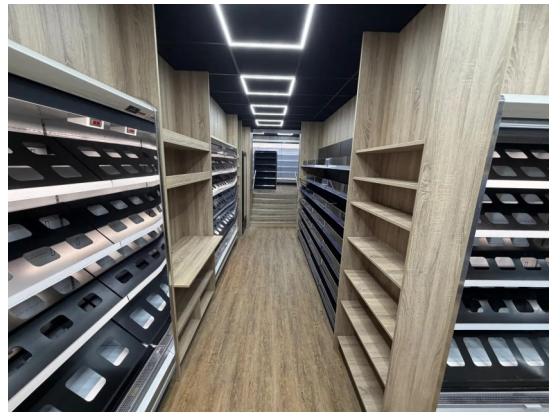
THE SOLUTION

Craven Cooling's engineers carefully planned each stage of the installation, coordinating closely with the shopfitters and electricians to ensure the refrigeration system was installed and commissioned on schedule despite the site's restricted access.

The completed installation included the following J & E Hall units:

- Two J & E Hall Fusion Scroll condensing units
JEHS-0300-B2-M-1 medium temp 1ph scroll
- One J & E Hall Fusion condensing unit
JEHR-0170-B2-M-1 medium temp 1ph unit

The compact design of the J & E Hall condensing units made them particularly well suited to the available plant space, while their accessible layout simplified installation and will support straightforward servicing throughout their operational life.



THE OUTCOME

The project demonstrated how careful planning, experienced refrigeration engineers and dependable equipment can overcome restricted access, limited plant space and complex installation conditions without compromising quality or serviceability.

CONCLUSION

This installation highlights the importance of selecting equipment that not only delivers reliable performance but also supports efficient installation and long-term maintenance.

For Craven Cooling, J & E Hall condensing units continue to be a preferred choice because of their compact footprint, quiet operation and engineer-friendly design.

"Our engineers prefer installing J & E Hall condensing units because they're easy to work on. Every component is accessible, the pressure switches are spot on, and they simply fit together well. They also run very quietly."

– Craven Cooling