

CASE STUDY

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Case Study: Consort Claudgen's Wi-Fi Enabled Heaters Upgrade for Cambridge School of Visual & Performing Arts (CSVPA) Student Accommodation

Cambridge School of Visual & Performing Arts (CSVPA) required energy-efficient heating solutions for their student accommodation units. To reduce ongoing energy costs, CSVPA approached Consort Claudgen for an upgrade to their existing heating system. Consort Claudgen recommended Wi-Fi enabled heaters with bespoke screens to meet the heating requirements of CSVPA's 286 student apartment units.

Installation and Design Scope

The installation happened in July and August of 2022, with Consort Claudgen providing heating solutions for the 286 student apartment units. The design scope included space heating with remote access control, heaters controlled remotely by staff, limited heating control for students, occupancy detection to activate or conserve heating, energy consumption statistics, and open window tracking to avoid wasting energy.

Product Recommendation

Consort Claudgen recommended the PLE-MWIFI with occupancy sensors range. These recommended heaters are Wi-Fi enabled and have a heat output of 1.5kW. The heating control options included digital control on the heater and a Consort Connect app.



Unique Features of the Heating System

The heating system provided CSVPA with the following features:

- The staff has complete remote heating control via smartphone or tablet.
- Students are limited to boosting the temperature from the digital control panel on the heater, with no access to other functions permitted.
- Features included a 7-day timer with 24 heating periods per day, open window tracking and response capability, occupancy sensors, and automatic self-learning mode.
- The staff can view the energy consumption statistics of all connected heaters on the last day, week, month, and year.
- Consort Claudgen designed the bespoke screens to meet the specific requirements of CSVPA.



Conclusion

Consort Claudgen's Wi-Fi enabled heaters with bespoke heating controls provided the perfect solution for CSVPA's student accommodation heating requirements. With complete remote control, energy-efficient heating, and the ability to view energy consumption statistics, CSVPA was able to reduce ongoing energy costs while providing students with comfortable living conditions. Consort Claudgen's heating solutions can be a perfect fit for any student accommodation, providing tailored heating solutions to meet unique requirements.

At Consort, our dedicated Technical team look forward to provide you invaluable technical support and advice with your heating requirements. The team will carry out heat loss calculations and recommend heaters most suitable for your project needs. Please submit drawings, if possible, to further illustrate your project requirement.

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