

**ideal**  
HEATING



# EVOMAX 2

## HULL ROYAL INFIRMARY

IDEAL COMMERCIAL CASE STUDY





## IDEAL COMMERCIAL BOILERS' HAVE PROVIDED HEATING FOR THE HOSPITAL FOR OVER **30 YEARS**

Ideal Commercial Boilers' Super Series 3 and 4 had provided heating for the hospital for over 30 years. When the decision was made to upgrade them, the obvious choice was Ideal Commercial.

**Providing healthcare to one million patients every year**, Hull University Teaching Hospitals NHS Trust is a crucial part to the population of Hull and its surrounding areas. The Trust is made up of two main hospitals, Castle Hill Hospital and Hull Royal Infirmary, while also providing additional services based across Hull.

The iconic 14-storey building of Hull Royal Infirmary had the foundation stone laid by Enoch Powell on 25 September 1963, with many of the

surrounding buildings on the site being built around that time.

**The project involved upgrading the existing boilers across the Hull Royal Infirmary site**, to provide heating to clinical and non-clinical buildings that are used 365 days a year.

NEC Services Ltd is a Hull based company that provide electrical, mechanical and gas services across the country. With over 15 years' experience specialising in commercial and industrial industries, they were brought in to do the project.

Across the six plant rooms, 11 Evomax 2 boilers were installed,

covering outputs from 30kW to 150kW, making a total out of 1.13MW for the site.

Alex Best, Capital Development Manager said: **"Ideal Commercial were our first choice**, the original boilers were also Ideal Commercial, and they had served us well after an excess of thirty years."

**"Across the six plant rooms, 11 Evomax 2 boilers were installed"**

Kristian Newell, Mechanical Director at NEC Services, said: "We choose to work with Ideal Commercial because they are a Hull firm, **their boilers are built in the UK** and we have worked with them on many other projects."

### CASE STUDY FACTS:

**LOCATION:** HULL ROYAL INFIRMARY, HULL | **BUILDING TYPE:** NHS HOSPITAL | **EQUIPMENT:** 11 X EVOMAX 2 BOILERS WITH TOTAL OUTPUT OF 1.13MW



# “THE INSTALLATION PROCESS WENT **BRILLIANTLY**”

Evomax 2 has been designed to improve installation, maintenance and servicing. The range covers outputs of 30, 40, 60, 80, 100, 120 and 150kW that can easily be cascaded in-line or back-to-back offering a total output of 900kW in one cascade formation.

“The new Evomax 2 has better controls that are more user friendly, their flues are easier to install because the non-return valve is inside the flue. There’s a lot more space inside the boiler for working on for maintenance purposes, including being much easier to mount on the frames.” Kristian said.

Included in the new design is an in built non-return valve, allowing for **increased safety in flue installations**. The lift weight has been reduced by up to 10% to aid installation, as well as three

sides of the chassis can be removed offering better access for future service and maintenance.

“The installation process went brilliantly”, Kristian explained “we completed the full installation within two months, so we were well within the time frame.”

**Energy efficiency was an essential part of this project**, Alex explained:

“As part of my role as Engineering and Capitol Development Manager, is to look for energy saving technology. We are hoping to achieve a total of 15% of efficiency savings.”

**“I will always recommend Ideal Commercial** to other contractors because they are a Hull based firm, they are always easy to contact for technical help. We have worked with them in the past and never had any issues,” Kristian concluded.



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EVOMAX 2



## IDEAL SUPPORT AND CONTACTS

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