



# HEVAC DELIVERS FOR ST. MARY'S HOSPITAL PHOENIX PARK

WE ARE THE EXPERTS...

PROJECT: PACKAGE PLANT ROOM - PPR

## PLANT ROOM - PPR

St. Mary's Hospital, Phoenix Park  
One of our recent completed projects, included a build Package Plant Room (PPR) complete with architectural composite panel pitched roof with gutters and downpipes. The brief from our client was to keep the hospital operating at peak efficiency throughout the project. Core facilities and heating systems were also to remain fully operational throughout the project.

The offsite construction of the PPR could commence in tandem with the main construction work and remain unaffected by on-site influences such as weather, on site health and safety issues and unforeseen disruption's.

The agreed PPR specification for St. Mary's included the Base Frame build on galvanized U section construction of 150 x 75 mm channel with support framework, 40 x 40mm. The flooring was finished in 3mm checker plate, with outer panel in

goose wing grey Kingspan Galfan panel, 45 mm Kingspan insulation and finished inner panel in Kingspan white Galfan.

Internal lighting was supplied with florescent tubes complete with emergency lighting.

To match the required hospital load the PPR was fitted with 4 number De Dietrich MCA 115 gas fired boilers, giving a maximum out-put of 460 kW, fully modulating condensing. The PPR also included Wilo circulators, Duomo Gas Detection with audible and flashing alarms, dosing posts and air dirt separators from Fabricated Products and range of controls including full boiler and weather compensation controlled by the De Dietrich iSystem master controller.

The entire project was completed, installed and commissioned within agreed schedule and budget.



### Plantroom & Plant

- \* 4 x MCA 115 rated @ 460 kW
- \* Wilo Circulators & Pressurization
- \* Kingspan Galfan panel
- \* 45 mm Kingspan insulation
- \* Duomo Gas Detection



Should this type of application match your site demands, build requirements and appeal to you, the Hevac design team would be delighted to assist and handle your query. Please do not hesitate to contact us on 01-4191919 for your next project.

PROJECT PARTNERS

Client;



Health Service Executive;  
St. Mary's Hospital Phoenix Park.

St. Mary's Hospital, which was built in 1769, was originally the Royal Hibernian Military School. The school provided care and education for the children of the members of the Irish Regiment who had been orphaned or whose parents had been posted broad. The Royal Hibernian Military School continued to operate until 1922 when the building was handed over to the Free State Government. The building was subsequently developed as a hospital by the Irish Army and continued as a hospital for the Defense Forces until 1948. In 1948 the hospital transferred to the Dublin Health Authority and was developed for use as a Chest Hospital. Finally, in 1964 the hospital changed to a Facility for the Elderly. In 1987 Cuan Aoibheann, a 38 bedded facility for the care of Physically Disabled Adults, was opened. In 2006 a new Stroke Rehabilitation Unit was opened called the Hibernian Stroke Unit, serving patients from the Mater Misericordiae Hospital.

Supplier;



Hevac Limited is one of Ireland's leading domestic, commercial & industrial plumbing & heating specialists. Hevac operate in Dublin and Cork comprising over 10,000 square meters of space.

Hevac supply every plumbing & heating component imaginable to the residential, commercial and industrial sectors and can offer in house specialists including design engineers, CAD technicians and system specialists. The focus of Hevac Limited is to provide quality systems that offer maximum efficiency and comfort.

Please contact one of our sales team for a consultation meeting and quotation.

Product Specification:

- Gas Detection
- Double skin panel Kingspan wall construction.
- Double or single louvered steel door.
- Build on galvanized steel u-section
- Colour: Goose wing Grey
- Foil back lagging on all pipe work. Sheet metal cladding insulation available as optional extra.
- External Guttering



FOR MORE INFORMATION;

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