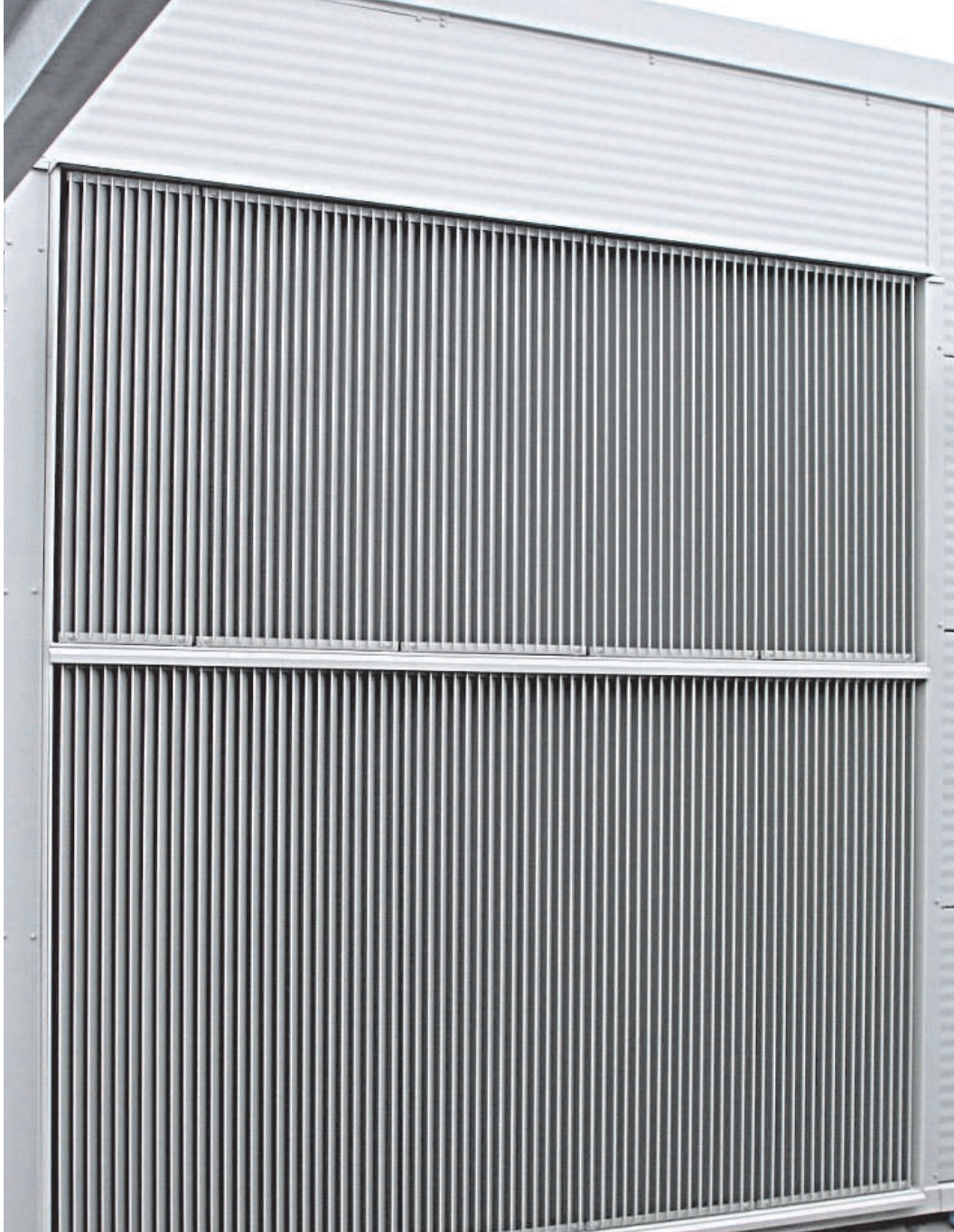


Air
Light
Vision



QEF Vertical Storm Louvres

Blackrock Hospital Plantroom Project



Project: Blackrock Hospital Rooftop Plantroom

Project Architects: Campbell Conroy Hickey Architects

Main Contractors: John Sisk & Son Ltd

The QEF Vertical Storm Louvre was selected by the design team to meet the essential requirements of the hospital for dry fresh air through the air intake louvres at this exposed location.

Construction Design Details - QEF Vertical Storm Louvre

Blackrock Hospital is situated within a short distance of the shoreline, facing Dublin Bay, the plantroom is at rooftop level and subject to seasonal heavy rain and wind. The air intake is via the louvres located in the plantroom walls, the challenge was to virtually eliminate rain ingress through the louvres to avoid standing water in the duct systems. Following an extensive review the design team selected the QEF Vertical Storm Louvre for all critical areas, as it achieves the best weathering performance available, an A1 classification up to 3.5m/s face velocity.



QEF LIMITED, DUBLIN ROAD, KILKENNY, REPUBLIC OF IRELAND
E-MAIL: sales@qefltd.ie