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Carrier FCUs Help Transform Landmark Bethnal Green Gas Works

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Carrier has supplied more than 1,000 COMFORT LINE™ Fan Coil Units (FCUs) to support the transformation of the former Bethnal Green Gas Works site into 'Regent's View', a landmark East London residential development. Carrier is part of Carrier Global Corporation, global leader in intelligent climate and energy solutions.

Developed by St William, part of the Berkeley Group, the regeneration is converting a 4.5-acre brownfield site into a vibrant new community. Two historic Victorian gas holder frames are being retained and reimagined to frame 555 new homes, including 146 affordable properties, along with more than 4,180 square metres of community and commercial facilities such as cafés, gyms and shops. The scheme recently won "Best Future Residential Project" at the 2024 World Architecture Awards.

Appointed by installation contractors Watkins, Carrier is delivering 1,027 FCUs over approximately two years. The units, equipped with articulated filters and adaptable control systems, are designed to meet the project's spatial and acoustic requirements.

The installation presented multiple challenges, including confined ceiling voids congested with building services, small and restricted access hatches, and strict acoustic and energy performance criteria. Bedrooms were required to meet <25NR and living areas <30NR, often requiring additional attenuation. Coordination with other trades was essential to maximise ceiling heights.

Carrier's high-efficiency COMFORT LINE™ FCUs provided the flexibility to adapt on site, with reversible handings and modular designs that eased installation in tight spaces without major infrastructure changes. The units exceeded the <0.5 W/l/s energy efficiency benchmark, achieving SFP levels as low as <0.14

W/l/s in some cases.

The first units were delivered in December 2024, with hundreds already installed and successfully tested. Deliveries will continue on a rolling basis until project completion.