



Ealing Council Vent-Axia's Revive Tackles Condensation and Mould in West London Social Housing Project



Ealing Council selected the Revive fans as part of its Bramley Road refurbishment project working with the main contractor, Keepmoat and the electrical sub-contractor, Onsite Electrical.

The intelligent Lo-Carbon Revive is a filter-less unitary fan designed to meet the specific needs of social housing that boasts powerful, quiet and efficient ventilation.

At Bramley Road Revive fans were fitted in conjunction with external wall insulation to replace old existing fans in properties with a long history of condensation problems and mould spores. The Revive fans were specified as a ventilation solution since the combination of higher insulation values with constant trickle ventilation is expected to eliminate these problems. Plus the Revive's datalogger was an attractive feature since it allows the fan's usage to be tracked to ensure it was used as intended. Easy install through a simple LED display helps to lower labour costs and makes first time fix more likely for reactive repairs.

Condensation and mould is directly linked to poor indoor air quality (IAQ) and the Bramley Road properties had a history of these problems. Revive's innovative Multi-Vortex™ technology tackles these issues by powerfully, but quietly removing moisture and stale air to ensure good IAQ and comfort for tenants while being quick and easy to install, low maintenance and reliable. Highly versatile the Revive offers a choice of run speeds for multiple installation options and can be ducted or through the wall, making specification easy. Plus Revive is low maintenance since its market-leading Multi-Vortex™ technology does not require a filter, while the highly sculpted interior actively repels dust, avoiding clogging, thus helping to avoid call backs.

Meanwhile, installers at Bramley Road needed to be able to fit the 22 fans as swiftly and simply as possible. Featuring Smart Sense™ intelligent technology Revive is quick and easy to install with the fan featuring a simple alpha numeric LED display which is clear and easy to read and a three-button menu for commissioning and data gathering.

Revive's Smart Sense™ also includes a datalogger which tracks how many days a fan has been running to ensure it is used as intended.

"Lo-Carbon Revive was selected primarily because near silent operation was considered to be a key consideration for a fan which would be running all the time. Experience tells us that if the fan can be heard during the night, residents will endeavour to disable it. Being a pilot scheme we also had a preference for selecting products from market-leading suppliers with the anticipation of quality manufactured products and good after sales service."

Richard Morley, Building Surveyor, Ealing Council

Smart Sense™
technology
that provides real
time data

Protection from
disrepair

Ealing Council is able to use the datalogger to track energy use and interrogate the fan on how many days a fan has been on humidity boost mode, pull cord boost mode, or trickle. This information helps them build a profile of resident activity and aids the council in investigating humidity problems, allowing them to work with Bramley Road residents to ensure a healthy indoor environment.