

Wilton Hill Veteran's Village, Salisbury

February 2019

About Wilton Hill:

- Situated on the former Erskine Barracks
- Contains homes, an enterprise hub, crèche, care home and retail units
- The development can house up to 60 businesses
- It is the first purpose-built development of its kind
- The site is expected to create 500 new jobs

The challenge

Acheson Construction, the principal contractors, experienced difficulties in getting mains services to the project, and the lacking of heating and ventilation became an increasing problem as the winter progressed.

Joinery, decorating and floor laying all became hampered by the low temperatures. Humidity levels had also encouraged mould growth around the site.



Thanks to LIBOR funding allocated by the Chancellor of the Armed Forces, a groundbreaking development is underway to house and rehabilitate vulnerable veterans in Wilton, near Salisbury.

The purpose-built 44-unit veterans' campus will help ex-army personnel get back on their feet when adjusting back to civilian life. The project commenced in April 2017 and, once complete, will support more than 300 veterans over the next ten years. The centre aims to provide a safe and restorative space to those recovering from challenges such as mental ill-health, debt issues, substance abuse, and relationship breakdowns. Veterans will obtain access to employment opportunities on an adjoining sister unit, and be able to sign up to an apprenticeship scheme to enhance their prospects.

The project is being driven by Alabaré Christian Community and is supported by contractors such as Acheson Construction and RVT Group.



Key benefits

- Provides consistent dry heat
- Removes moisture
- Prevents mould
- Excellent fuel economy
- Capable of long duct runs
- Run from a single 110V supply
- 65kW, 110kW and 150kW units available

“RVT came to site and, given the parameters of what we wanted to achieve, came up with an installation proposal. We have two of the units pumping in warm air from both sides of the building into stairwells, which act as plenum chambers for the upper floors.”

Site Manager,
Acheson Construction

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The RVT solution

RVT's Climex Indirect Oil Fired heating solution was exactly right for this project. RVT assessed the site and installed two of the units outside. These were attached to fans and ducting that pumped and circulated the warm air safely along the corridors.

Climex Indirect Oil Fired Heaters

Oil-fired heaters deliver dry heat (unlike gas heaters, which release moisture); making this ideal for the Wilton Hill site. Situated externally, the two units supplied heat into the buildings via flexible ducting, creating positive pressure and allowing large volumes of space to be warmed. The flow of heat mitigated surface moisture and eliminated the need for dehumidifiers.



The Indirect Oil Fired Heater's ability to radiate dry heat was particularly beneficial to eliminating mould growth throughout the project, and the stable temperature enabled the construction crew to complete their jobs in a comfortable environment. Substrate drying times were dramatically improved and the build was able to continue on schedule.



One of the Climex Indirect Oil Fired Heaters in action



Dry heat was circulated around the building via ducting