
# Heating solutions provided by RVT Group help nursery school in Scotland complete project after a 2 year delay

**Client**

ROBERTSON

**Location**

Scotland

**Products Used**

CLIMEX® Indirect Oil Fired Site Heater

## Project Overview

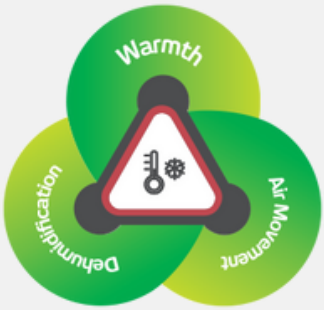
As part of The City of Edinburgh Council's Early Years scheme, Robertson Construction were contracted to construct five brand-new nursery school buildings in the region.

## Challenge

The contract was previously awarded to a different main contractor who went into liquidation halfway through the build, resulting in the projects being delayed by approximately 2 years before being handed over to Robertson Construction to complete.

With the buildings wind/water-tight and internal works needing to be completed during the cold winter months, Robertson Construction needed a solution to raise the internal temperature of the buildings to allow finishing trades to progress in a timely manner in view of getting the projects back on track.

Also, due to the semi-completed buildings lying dormant for a period of time following the previous contractor's collapse, some of the buildings had experienced water ingress creating some areas of dampness in some of the buildings. Robertson need to carefully yet thoroughly dry-out the timber-frame buildings and maintain an ambient internal temperature of around 15 degrees so that work could progress.




**The 3C's Solution**

RVT believe that effective climate control can be managed in three easy steps;

1. Warmth - Heat raises the room temperature and so lowers the relative humidity of the air. This allows the air to absorb more water from surrounding surfaces.

2. Air Movement - Air movement across a substrate draws the water to the surface, where it evaporates.

3. Dehumidification - Dehumidification extracts water from the air, to be transferred from the work area.

## Solution

Robertson needed an effective drying out programme, so they contacted specialists in climate control, RVT Group. Following RVT's site assessments and calculations, Robertson utilised a Climex Indirect Oil-fired Temporary Heating System on each of the nursery buildings in question. The systems consisted of a mobile heater positioned outside the building, with flexible ducting running in via a window opening or doorway.

The systems were tailored to achieve a 12 degree temperature rise in each of the buildings, creating a positive pressure with warm dry air circulating throughout the buildings. The circulation of dry air was required to draw moisture from surfaces and purge out damp cold air. The heaters were compatible with the sites' existing 110v power supply, and fuel supply for the heaters was managed by RVT.

## Testimonal

Site Supervisor at Robertson, commented "RVT have been a pleasure to work with, from the get go, where we had initially made contact with yourselves. Your staff/colleagues are most helpful on the telephone and via email, ensuring we sourced the correct equipment. When deliveries and installations were due, they arrived promptly and were set up/installed without any issues. Throughout the hire of our temporary heating system and generator exhaust box, staff were always checking in periodically by phone and email to ensure everything was running smoothly and offer further assistance if required. We had to hire our temporary heating system on the 23rd December at short notice, and this wasn't an issue at all. The equipment arrived on January 5th and installed exactly as promised.

I generally wish there were more companies like yourselves, not just in the industry, but in the UK, that offer the levels of service and support that RVT do, and actually CARE about their customers. I wouldn't hesitate to recommend RVT to anyone in the future and will be sure to use your services again in the future".


RVT's 110kW indirect oil-fired heater can achieve up to 92% efficiency, making this a highly effective and cost efficient solution for drying out new builds.