

Newsletter

March 2026

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Simply first class: our three manifolds.

testo 558, 550 and 550i



testo 558, 550 and 550i, the digital manifolds, make your measurements on refrigeration, air conditioning and heat pumps fast, easy and convenient like never before.

The large display shows all measurement data at a glance and simplifies the analysis of all results. Guided measurement menus take you step by step through the measurement and allow you to determine high and low pressure, condensing and evaporating temperature as well as superheat/subcooling.

Bluetooth probes for temperature, pressure and humidity can be connected wirelessly and fully automatically to the instrument, and together with the testo Smart App, provide even more flexibility in the application.

And another advantage: Manifolds and App always have the right refrigerant ready for you. Just everything for maximum precision: From the first to the last job.

**For more info contact your local Eurotec Sales Engineer or give us a call: 09 579 1990
or email sales@eurotec.co.nz**

CAREL



mce
mostra convegno
expocomfort



VISIT US

H11

STAND

A01/B10

CAREL at MCE 2026: solutions for sustainable, efficient & digital HVAC

CAREL is taking part in MCE 2026 in Milan Rho from 24 to 27 March, showcasing an integrated approach that combines sustainability, energy efficiency and innovation across the entire HVAC ecosystem.

At the exhibition, CAREL will present its latest solutions for next-generation heat pumps, designed for residential, commercial and industrial applications. Optimised controllers, ready-to-use software, high-efficiency inverters and precision sensors enable the design of high-performance, safe and regulation-compliant systems, even in complex retrofit scenarios.

In terms of innovation, STone marks a significant step forward. The “future-ready” software ecosystem for HVAC/R control programming now includes STone Copilot, the AI-powered assistant designed to make development faster, more accurate and accessible.

[Read More](#)



Is sustainable refrigeration becoming a strategic priority for food processing?

In today's food industry, operational reliability and environmental responsibility are no longer separate objectives. For companies handling perishable goods such as poultry, refrigeration systems sit at the intersection of food safety, energy efficiency and sustainability performance. What was once considered a technical utility is increasingly becoming a strategic asset.

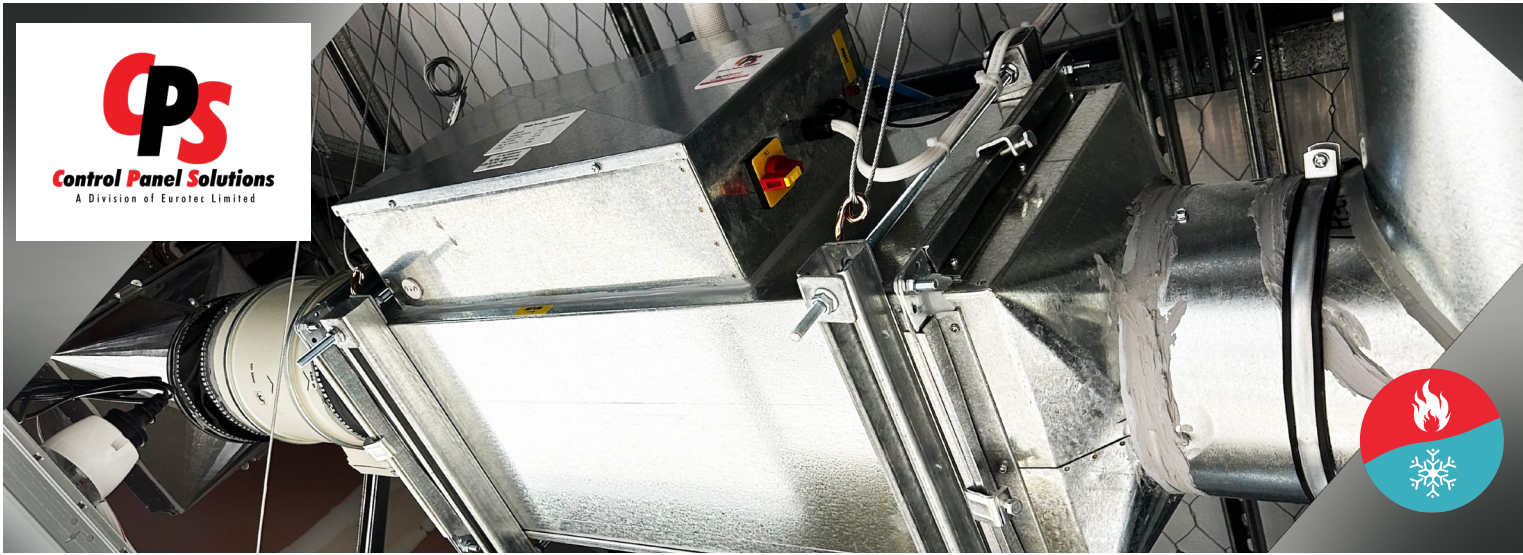
The experience of Avicola Bacco, an Italian producer specialising in the processing of duck and goose meat, illustrates how refrigeration upgrades can evolve into broader business transformation projects.

In this project, supervisory control and connected sensors were integrated across all cold rooms, enabling continuous temperature monitoring, defrost management and performance tracking.

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HVAC • Refrigeration • Electrical • Measurement



CPS Duct Heaters

Control Panel Solutions (CPS), a division of Eurotec Ltd, has been building control panels for the HVAC&R and Industrial sectors since 2008. CPS integrates and value-adds to the extensive range of HVAC&R and Electrical control and monitoring Solutions sold by Eurotec to New Zealand industry for over 35 years. CPS also manufactures duct heaters from galvanized steel, internally insulated with GIB Fyreduct.

An inline electric duct heater is a device used to heat the air flowing through an HVAC system or ventilation ductwork. The heater is typically installed inside the ductwork and consists of a heating element, a fan or blower, and a control system.

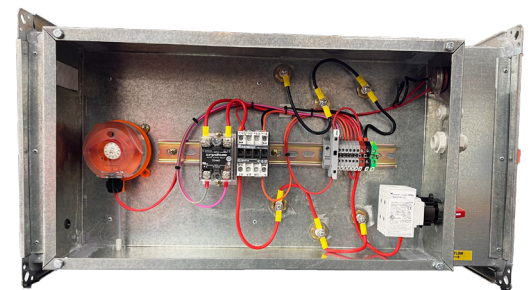
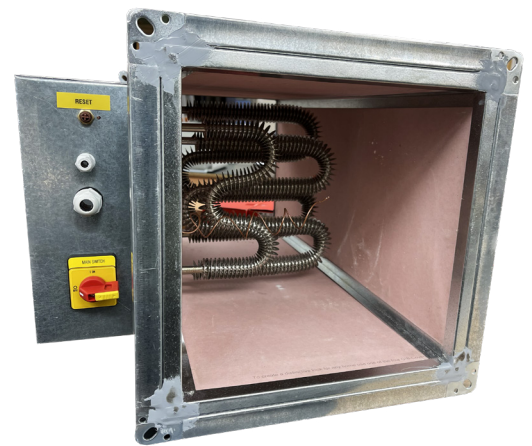
When the HVAC system is turned on, the fan or blower pulls air from the surrounding area and directs it into the ductwork. As the air passes through the duct, it flows over the heating element, which uses electric resistance to generate heat. The control system regulates the temperature of the heating element to maintain the desired temperature of the air as it passes through the duct.

Our electric duct heater is fitted with Solid State Relays (SSR) and a Carel temperature controller. The Carel controller uses Pulse Width Modulation to switch the elements On and Off to maintain the set temperature range.

The Carel controller can be connected to a Building Management System (BMS). In these cases the BMS will send a 0-10V signal to the controller to control the heater functions.

Temperature rise, kW, and airflow are all important factors to consider in heating systems, and they are interrelated. Adjusting one of these factors will have an impact on the others, and it is important to understand these relationships to properly design and operate heating and cooling systems.

Heater comes standard with manual Reset O'temp thermostat, a differential pressure switch, a safety relay and in duct supply air temperature sensor. All units are operated through a Solid State Relay using PWM for accurate temperature control. The duct heaters comply with AS/NZS 3102:2002.



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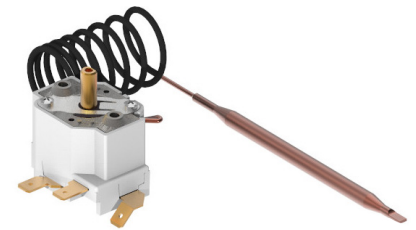
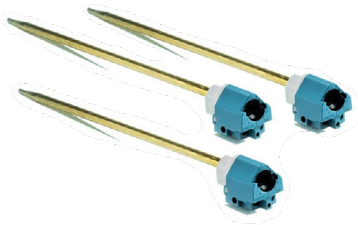
coltherm Thermostats

DEGREES OF EXCELLENCE

A range of reliable and easy-to-assemble thermostat with temperature control and safety limiter, offering accuracy and flexibility in a compact design that quickly adapts to your applications with short lead times and minimal investment.

Applications

- Standard immersion thermostats for hot water cylinders
- High temperature immersion thermostats for the dairy industry
- Consumer adjustable thermostats for catering equipment, spa's, urns and incubators.



Float Switches & Level Controllers

Used in Commercial, Farm, Industrial, General purpose and Sewerage applications

- Double chamber float switch, re-injection moulded, not glued
- Capacitive level switches (electronic, floatless)



- Controls for electrodes, phase monitoring & duty sequencing
- Hydrocontroller, VF drives (water cooled & standard types)

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