

Coolplex Cooling Water Control

The Coolplex Concept

Packaged control system

Automatic control

Easy installation

Simple

Safe

Reliable

No chemical handling

Robust Engineering

Rugged construction

Waterproof enclosure option

Tamper-proof safety

Plug and play

Bespoke options

Benefits

Legionella control

Corrosion control

Scale control

Process protection

Reduced down-time

Safety

Economy and efficiency

24/7 control



Coolplex - Cooling Water Control System

Coolplex packaged dosage and control systems make cooling water treatment simple and reliable ensuring that your system is protected and operates at maximum efficiency.

An effective cooling water treatment system involves the dosage of corrosion and scale inhibitors and biocides and the control of the cooling water concentration factor through bleed-off. Coolplex systems do this safely and automatically ensuring essential tasks are carried out and freeing your staff to focus on other activities.

Easy Installation

Systems can be supplied either on a wall-plate for mounting within a plant room or housed within a robust water-proof enclosure for installation in the most hostile of environments. The Coolplex approach makes installation simple with the electrical connections between the pumps, sensors and controller all pre-wired and the sensor probes and chemical injection fittings are usually incorporated in a pre-fabricated manifold which simply requires connection across the cooling water flow and return.

Monitoring, Control and Communications Options

A range of sensor probes and control options can be incorporated including redox (ORP), chlorine, bromine, pH, water temperature and conductivity to allow you to continuously monitor and control the key parameters of your cooling water treatment programme. The dosing pumps can be fitted with chemical low level and no-flow alarms. Depending on the Coolplex model, options are available to allow alarm or out of specification conditions to be notified by visual or audible alarm and via email or SMS text.

Safe Chemical Handling

For smaller applications Coolplex systems often dose the cooling water chemicals directly from the supply drum with a rigid pump suction assembly and low level cut to stop the pump when the drum needs changing over. For larger applications a Hands free banded dosing tank system can be used where we provide a pumped transfer delivery service to avoid chemical and manual handling issues.

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