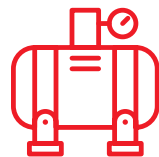


Danfoss Cool Ctrl for Industrial Refrigeration

Danfoss Cool Ctrl provides a complete portfolio of electronic regulation and control automation solutions for virtually any industrial refrigeration system – tailored to your specific application need. Plus, we offer both distributed control panels based on PLCs or microprocessors and central logic controllers in the main PLC for all subsystems with the exception of the compressor.

See how our solutions are central to the reliable, efficient, and safe cooling systems of tomorrow.



ENGINE ROOM

Vessel/Separator

Danfoss Cool Ctrl central logic controls seamlessly integrate with any vessel manufacturer microprocessor panel – including most legacy panels – to produce significant time- and cost-saving benefits.

- Easy-to-read liquid level indication
- Easy-to-use interface for quick parameter configuration
- Flexible design integrates with or without a central PLC system

Compressor

The Danfoss Cool Ctrl PLC system communications software driver modules are compatible with most, if not all, manufacturer's screw microprocessor control panels – including legacy panels.

- Seamless PLC integration with legacy panels saves cost and time
- Optimized utilization of compressors
- Reduced energy consumption
- Flexible configuration



CONTROL ROOM/PLC

Supervisory system

Danfoss Cool Ctrl supervisory control systems automate industrial refrigeration facilities 24/7. Equipped with Allen Bradley PLCs, our systems are designed to your unique needs with features such as remote system access, alarm notification, historical data trending, energy management, and power monitoring.

- Automation reduces the risk of human error
- Reduced demand for personnel on site



ROOFTOP

Condenser

Danfoss Cool Ctrl offers standalone PLC, microprocessor control panels, and central logic controls for various condenser types (evaporative, air-cooled, fluid coolers, and cooling tower) and control types (fans, water pumps, water sump level, water sump heat, wet bulb control, summer/winter control, etc.).

- Seamless PLC integration with legacy panels saving cost and time
- Remote access to condenser microprocessor data
- Remote condenser adjustment



POWER ROOM

Motor control

Our comprehensive portfolio includes soft starters, VFDs, and VFD/ATL combination starter panels that are precisely configured to your specific application requirements for increased reliability and safety.

- VFD control cabinets are programmed and tested prior to shipment
- UL508A, cUL, CSA, and CE compliant
- Cost-efficient solutions for an entire system



COLD ROOM/FREEZER

Evaporator

Danfoss Cool Ctrl standalone PLC and microprocessor controllers support every evaporator configuration – controlling fans and valves for the proper operation and defrosting of evaporators.

- Seamless PLC integration with legacy panels saving cost and time
- Remote access to all evaporator microprocessor data
- Remote evaporator adjustment

