

----- NEW PRODUCT RELEASE -----



Climate Control Systems

Control Box For Armoured Vehicles

- Air Conditioning
- Fresh Air
- Fuel Fired & Conventional Heating
- Winterisation



A compact and extremely versatile military specification control box enabling full control of air conditioning, fuel fired heating, fresh air and winterisation systems. The modular layout allows the specification to be tailored to specific requirements, including multi-car vehicle systems.

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Advantages

All controls contained in one small box (A/C, Heating and Winterisation)
Functionality is modular and can be switched on/off as required
Extremely compact and robust to save space (only 200L x 100W x 80H)
Designed specifically for military vehicles
Suitable for operation in climates A1 to C2
Ingress protection IP67 rated casing
Robust mechanical end stops for all rotary controls
MIL spec electrical connectors
Military specification breakers
Toggle switch guards to prevent unwanted operation
Designed to meet Mil Stan 810-F
Designed to comply with Mil Stan 461-E(EMC/RFI) and Mil Stan 1275-B (power supply)
Integrated electrical spike and surge protection
Engine interlock if required to prevent battery drain
Custom layout and graphics available
Auxillary relay box also available

Air conditioning control

Blower speed control with PWM output if required
Compressor clutch over ride with visual warning
Fresh air fan and extractor fan over ride with visual warning
Air temperature control
Output to control condensate removal pumps

Heater control

Blower speed control with PWM output if required
Air temperature control via a variable flow coolant valve
Fresh air fan and extractor fan over ride with visual warning

Winterisation control

Control of fuel fired coolant heater
Preheat mode with automatic shut off timer
Silent watch or heater booster modes
Visual indication when pre-heat temperature targets are all met
Switching of preheat coolant flow solenoids using temperature feedback control
Switching of electrical loads (for example oil sump heaters) with delayed start if required

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