



*ClimaAire II™ control system
this microprocessor-based controller takes care of
your passengers' comfort automatically.*



- Simple to operate
- Two working modes: auto and manual
- Operating functions:
 - Vent, Cool, Heat and Reheat
- Fresh air damper control
- Independent split system control
- Floor heating control
- Freeze and compressor protection
- Standard DIN autopanel case
- On-board testing
- On-board diagnostics
- Stores last 40 alarms
- Enhanced diagnostics via PC
- Flash-load of software updates
- Smog function
- Door function

ClimaAire II™ control system specifications

Outputs

(0.7 A Low Side Output - 1.0 A High Side Output)

- 3 for Blower Speed - LSO - or PWM 20kHz
- Alternator Excitation - LSO
- Compressor Clutch - LSO
- Boost Pump - LSO
- 2 for Servomotor Heat Valves - HSO
- 2 for Fresh Air Damper (0-50-100%) - HSO
- 2 LSO free

Power supply

- Ready for 12V DC and 24V DC
- 10 - 32V DC max. 100mAmps
- Operating Temperature from -30°C (-22°F) to 80°C (176°F)

Application

- Ready for HVAC unit
- Set Up Temperature from 17°C (63°F) to 27°C (80°F)
- Display in °C and °F as firmware option
- Connection to Molex 39-01-2140 and 39-01- 2180

Inputs

- Interior Temperature Sensor
- Freeze Temperature Sensor
- Ambient Temperature Sensor
- Heating Coil Temperature Sensor
- Floor Heating Temperature Sensor
- 0-5V DC Analog Input
- Coil Pressure Switch
- Pressure Sensor Switch (LPCO, HPCO)

Dimensions

Width	187mm (6.00")
Height	57mm (2.24")
Depth	60mm (2.36")



Worldwide service organisation

Thermo King backs its equipment and customers with a highly trained, worldwide service organisation. This assures you the support of factory authorised service and shop facilities, a stock of factory parts and factory trained mechanics.

Thermo King Americas

Minneapolis, MN U.S.A.
Tel: + 1 952 887 2200
Fax: + 1 952 887 2529

Thermo King Asia Pacific

Hong Kong, PRC
Tel: + 852 2507 9100
Fax: + 852 2827 5159

Thermo King Europe

Kolin, Czech Republic
Tel: + 1 420 321 757111
Fax: + 420 321 757170

