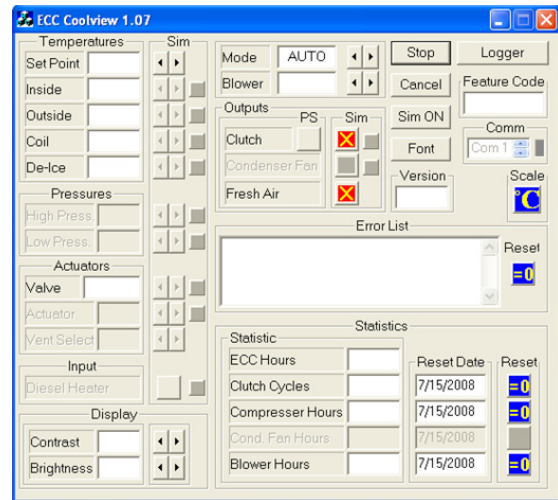![MCC] **Mobile Climate Control**
For your comfort

EcoTemp MAX Display

The EcoTemp MAX display is developed to meet the demanding requirements of the motor coach and transit bus HVAC systems. The EcoTemp Max driver display was designed as a programmable platform that can be easily customised to suit customer requirements.

The large 2.5" x 1.5" OLED display offers wide viewing angle and is able to show text, graphics and full system messages for easy diagnostics. It has six configurable "soft keys" can be customized for basic or advance functions as per customer requirements.

During vehicle maintenance, service personnel can enter diagnostic mode by pressing preset sequence of buttons or using optional MCC Coolview via CAN Bus (J1939) connection. In this mode, errors stored in memory and real-time data of inputs and outputs are displayed for easy trouble shooting.

The industry leading OLED display with wide viewing angle supports unlimited graphics and text.

1- **Temperature Set-Point**
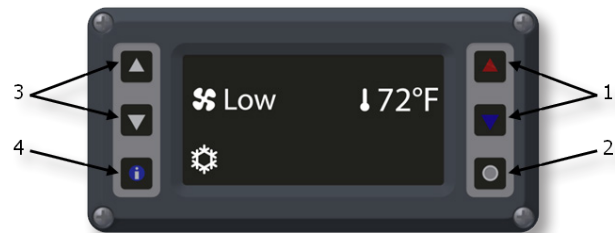   Adjust temperature for passenger compartment.
2- **On/Off Button**
   Turns HVAC system On or Off
3- **Cursor**
   Cursor and mode selection
4- **Information**
   Displays system information

EcoTemp MAX Display

The EcoTemp MAX controller is developed to meet the demanding requirements of the motor coach and transit bus HVAC systems. The Bus HVAC Controller was designed as a programmable platform that can be easily customised to suit customer requirements.

The EcoTemp MAX ontroller uses solid state "Smart MOS-FET". These MOS-FET have over current and temperature protection and have no moving parts. With built-in over current and temperature protection, it means less downtime due to controller failure.

During vehicle maintenance, service personnel can enter diagnostic mode by pressing preset sequence of buttons or using optional MCC Coolview via CAN Bus (J1939) connection. In this mode, errors stored in memory and real-time data of inputs and outputs are displayed for easy trouble shooting.

EcoTemp MAX Controller			
Operating Voltage		+9V to 32V DC	
Operating Temperature		-40°C TO 85°C	
Inputs	23 Digital	12V or 24V DC	Cool, Heat, Defrost Vent, Auto and Off
		12V or 24V DC	Condensor fan high/low
		12V or 24V DC	Test Mode
	11 Analog	10kΩ @25°C	3 Temperature Sensors
		0 to 4.5V DC	High Pressure Sensor
		0 to 4.5V DC	Low Pressure Sensor
		0 to 10kΩ	Valve 1 Position Sensor
		0 to 10kΩ	Valve 2 Position Sensor
	5 Digital or Analog	0V to Supply Voltage	
Outputs	14 Digital	12V or 24V DC	
	4 H Bridge	12V or 24V DC	
	4 PWM	12V or 24V DC	25kHz
Communication	RS 485		
	2 CanBus		J1939
Micro Processor	Clock Speed	10MHz	64k Flash Processor 1k EEPROM

MCC **Mobile Climate Control**