

Idle Free® Systems Series 5000 eAPU® Operating Instructions

Turning the Air Conditioning ON/OFF

On the interior wall unit (evaporator), push the ON/OFF button on the control panel. This will start and stop the air conditioning system.

Adjusting the eAPU® Cooling Controls

Air Temperature

The top knob controls the temperature. Turn the knob to the left for a colder temperature or to the right for a warmer temperature.

Note: The Series 5000 eAPU® is a cooling system only and does not contain or control a heater.

Fan Speed

The lower knob controls the airflow coming out of the evaporator. 1 is the lowest fan speed and 3 is the highest.

Using Start Stop Technology

If you would like to enable the Automatic Start-Stop technology, flip the Start-Stop switch up (ON).

Automatic Start-Stop turns on the truck's engine when the batteries get low and shuts off the engine when the batteries are charged or when a maximum idle time is met (whichever comes first). This ensures unlimited air conditioning over the full rest period. The eAPU® will automatically shut down during engine operation to ensure fast battery charging. While the eAPU® is charging, the truck's air conditioning system will cool the sleeper cab.

Note: Automatic Start-Stop is only active when the Air Conditioning system is enabled and the light above the switch is lit.

Lights

The control panel contains five lights that may turn on while the eAPU® is in use.

Power: Green LED when battery power is connected to the eAPU® system

ON/OFF: Green LED when Air Conditioning is ON

Automatic Start-Stop: Green LED when Automatic Start-Stop is enabled (will stay on while truck runs via Automatic Start-Stop)

Low Voltage: Red LED warning light appears when the voltage to the eAPU® is low. eAPU® batteries must be charged. Once charged, the ON/OFF button must be pressed once to turn off the warning light.

Low Pressure: Red LED warning light appears when the refrigeration pressure is too low. Service may be required to find and repair a refrigeration leak.

Call Idle Free Systems Technical Support at 920-206-9333 if you have additional questions.



Evaporator Unit



Control Panel