

FRONT

Mini-Controller OPERATION CARD Quick Reference



HEATER ON
RED LED

OFF

FAN ON
BLUE LED



TEMPERATURE DIAL

- Counter-clockwise provides a small amount of heat (approx. 47°F)
- Clockwise provides a large amount of heat (approx. 97°F)

Start UP

Operation of your Espar heater is quick and easy. Simply touch the HEATER ON button to activate the unit. It will take approximately two to three minutes for the heater to perform its safety check and begin to produce heat output. The heater will automatically cycle thru Boost, High, Medium and Low settings. Once you feel heat simply adjust the dial to your desired temperature. You may need to attempt a start more than once if the heater has not been run for some time.

Ventilation Mode

VENTILATION MODE – Your Espar heater is equipped with a ventilation mode for use in those situations where heat is not needed but a little air movement is desired. With the heater off press the FAN ON button and the internal fan will begin to recirculate internal cabin air. It can be stopped by simply pressing the OFF button. Be sure to turn the fan off to avoid excessive run time.

NOTE: This should not be confused with an air conditioning function.

Stopping the Heater

Shutting down the heater can be performed by simply pushing the OFF button which will begin the heater shutdown process. The unit will continue to circulate air to help cool down the heat exchanger, which will take approximately Four Minutes to complete. Any attempts to restart the unit will be delayed until this shutdown process has been completed.

BACK

Tips for Reliable Heater Operation



“Why isn’t my Heater working”

- Your heater produces 7,500 BTU of heat and you should take any necessary steps to avoid blocking the vents or ducting with containers, tools, clothing or other items.
- An overheat shut down will occur if there is a restriction of the heating air flow (i.e. a blocked cabin inlet, outlet or heater ducting) and the heater will shut down.
- The overheat sensor will automatically reset once the heater has cooled down. Once the restriction is removed, the heater can be re-started by switching the heater off then back on.
- A similar situation can occur if the combustion intake or exhaust pipes under the truck are crushed or become blocked with ice or snow.

Ensuring a long - Reliable Service Life

- The heater’s blower fan is contained inside the unit’s rigid plastic case. However, stacking items on top of or beside the unit may cause the housing to become compressed and restrict wheel movement, affecting operation of the heater causing damage.
- Please be sure and keep all items away from the heater as this type of failure is not covered under warranty

Designed to work with the Truck System

- Your truck’s starting capability should not be affected by the operation of the Espar heater alone. If your battery voltage drops below 10.5 volts the heater’s built-in monitoring system will automatically shut it down. Keep in mind that low system voltage will affect the operation of the heater, so be aware of your total consumption and battery condition.
- Similarly the units fuel pickup tube has been placed at a level above that of the engines fuel stand pipe, ensuring you won’t run out of fuel for the powerplant. You may however lose heater functions if the fuel level gets too low. Once the fuel level is restored, the heaters fuel pump will reprime itself during restart (but it may take several attempts).

Regularly take time to observe the Espar heater, ducting and piping to ensure they are free of restriction or damage.

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