



TESTED AND PROVEN TO PROVIDE UNMATCHED FOUR SEASON PERFORMANCE!



The AERIE from Soaring Eagle carries four season camping emblem on it and it is not just a marketing ploy. The AERIE is a true four-season camper in which customers can be sure will keep them comfortable no matter the weather.

The AERIE was designed with four-season camping in mind, and Soaring Eagle has something that few other manufacturers can provide and that is **SCIENTIFIC PROOF** of our camper's four-season capabilities and thermal characteristics are what we say they are. That is because our AERIE camper was tested in the TRUMA CLIMATE CHAMBER where

it was literally frozen before undergoing testing that was measured through dozens of temperature monitor probes placed throughout the coach, including in the basement.

To start this process, TRUMA brought the AERIE into their climate testing facilities and outfitted it with numerous temperature probes. Then they opened all the doors (main and storage) and windows and take off any interior doors or vents on the camper. Finally, they lower the temperature in the climate chamber to 5 degrees. That is 27 degrees BELOW FREEZING.

When the camper basically turned into an icicle, they close the doors, windows and vents and turn on the most efficient LP furnace this industry has ever seen (the TRUMA COMBI). The GOAL is to raise the temperature in the camper up to 68 degrees (an increase of 63 degrees). IF a camper can achieve that in just four (4) hours, they will have earned the TRUMA **GOLD STANDARD**. For reference, Truma also has a SILVER standard and even a BRONZE standard for campers that are able to get the camper up to temperature, but it takes longer than four (4) hours to achieve. FYI.

The AERIE exceeded those expectations as it reached an internal temperature of 68 degrees in just over an hour on its way to getting up to 81.43 degrees in the allotted four hours. The result was the AERIE easily earned the GOLD Rating and the respect of the Truma climate engineers!

So how did the AERIE achieve such thermal efficiency? It is not a secret. It is simply the result quality engineering, insulation materials and craftsmanship.

The basement of the AERIE is completely enclosed by four insulated walls and heated from the furnace. In fact, the temperatures recorded in the basement of the AERIE during testing exceeded 90 degrees so Soaring Eagle actually backed off how much heat was being funneled into that area of the camper before they went into production.



UNMATCHED STRENGTH - UNMATCHED ENERGY EFFICIENCY

The AERIE is constructed with ALL welded, tubular aluminum and composites. There is not a splinter of wood to be found in the entire structure of the camper. The only wood is in the interior cabinetry.

Instead of using the RV industry standard luan wood backer on our interior panels and exterior fiberglass, the AERIE uses only composite material to back our interior panels and exterior fiberglass panels, including our one-piece, seamless fiberglass roof. The fiberglass roof is something that is typically reserved for motorhomes, but Soaring Eagle did not want to use wood decking covered by thin rubber roofing material.

The composite backing on the interior walls and ceiling panels carries an R-4.5 rating.



The middle of the aluminum framed floor and walls are stuffed with block foam insulation which carries an R-6 rating. In addition, the exterior fiberglass panels on the AERIE also have the composite backing on them which carries the R-4.5 rating. That means that AERIE's sidewalls offer a total R-Value rating of R-15 rating and that excludes any R-value that the fiberglass itself carries. The roof has even more block foam inside and is also surrounded by the composite backing on both sides for a total R-Value of R-20.

Another feature to take into consideration is our floor decking material which is over 1/2" thick composite decking. The composite floor decking used in the AERIE has an R-Value of 3.3 by itself. The block foam in the floor structure is R-6 giving the entire AERIE floor a combined R-value of R9. This thick, durable composite flooring is used for both the main floor and the cabover floor, providing even extra insulative value to the camper in the bed area.

To top it all off - the TRUMA Combi furnace - one of the most energy efficient furnaces the industry has ever seen - is rated at 47K BTU.

Finally - the AERIE has dual pane windows which play a major role in keeping the unit at temperature (whether hot or cold). A lot of manufacturers spend time insulating the walls of their camper, but without dual pane windows, it is often for naught, especially with so many windows in today's truck campers as heat and cold will quickly pass through traditional glass pane windows.

All in all, the AERIE is without a doubt one of the best insulated truck campers on the market and the data backs that fact up.

