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Greetings!

I would like to remind everyone to keep a close eye on the nightly temperatures as cooler weather approaches. The Airstream factory started to winterize all newly released units starting September 15th. This would be a good time to reach out to customers to schedule an appointment to have their units winterized and any annual maintenance work done.

I will identify the component locations for the 33' Classic and walk through the Alde temperature adjustments. I would also like to share the new Solar display and controller features.

As always, if I can be of any assistance to you please feel free to contact me at 937-596-6111 ext. 7408 or by email at dsnider@airstream.com

Dan Snider

Winterization Guide

1. Open, drain, and flush the fresh, black, gray tank valves. Make sure all tanks are completely empty.
2. Run water pump a few minutes with faucets open to remove water from the pump lines.
3. Remove any water filter canisters.

Applying air to city water hook-up, keeping the pressure at 60 PSI

- A. Screw on the compressed air adaptor and hook airline onto the city water inlet.
- B. Open the following valves/faucets, one at a time in the following order:

Note: Make sure to drain the toilet last on the inside of trailer as it is the lowest interior point

Lavatory sink

Ice Maker (if present).

Shower hose

Note: You must unhook line to let the water drain.

Kitchen/Galley sink

All outside faucets

Note: Hold the spray head open until air sprays out.

Toilet

Shower Sprayer

Note: Push foot petal down to open valve. If toilet is equipped with spray head, hold it open until air sprays out.

- C. Disconnect the air line

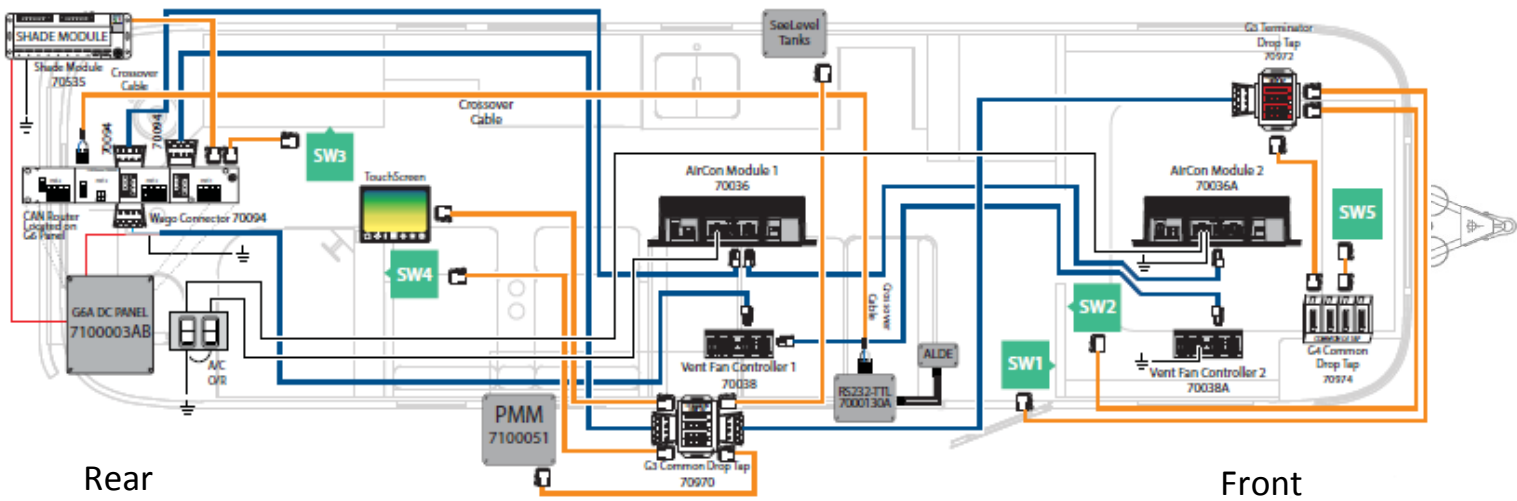
- D. Open the pressure relief valve then remove the hot water drain plug. Allow all the water to drain out.

- E. Reconnect the airline to blow out any remaining water in the hot water tank reinstall plug.

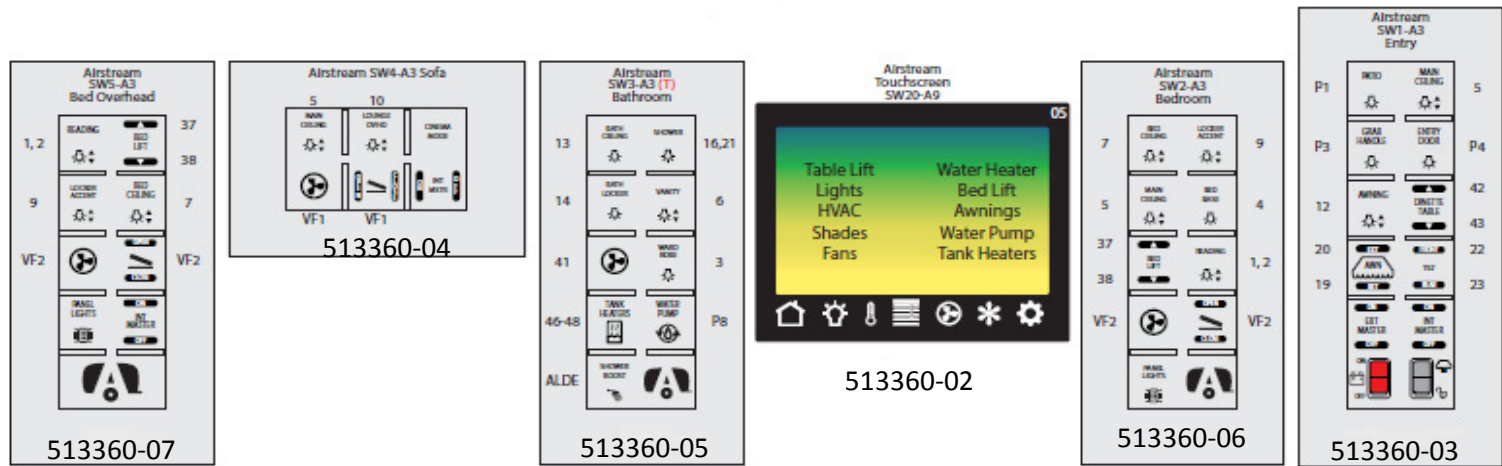
- F. Open all low-point drain lines to blow any remaining water out from the interior water system..
- G. Remove compressed air and compressed air adapter.

If you are confident you have successfully blown out all the water from your system you can now add antifreeze to all traps and the stool. One cup in each to fill p-trap.

This is the layout of the Firefly system in the 33' Classic. Queen bed

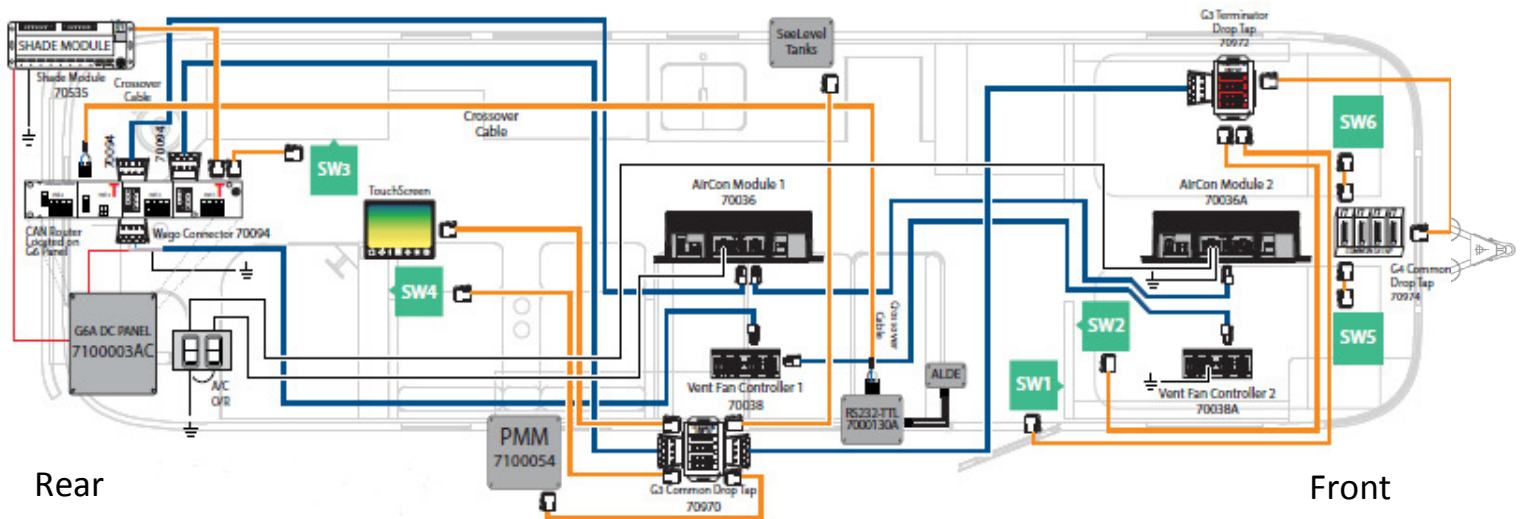


In the picture below each switch has been labeled with its part number. The complete kit number is 513360-01

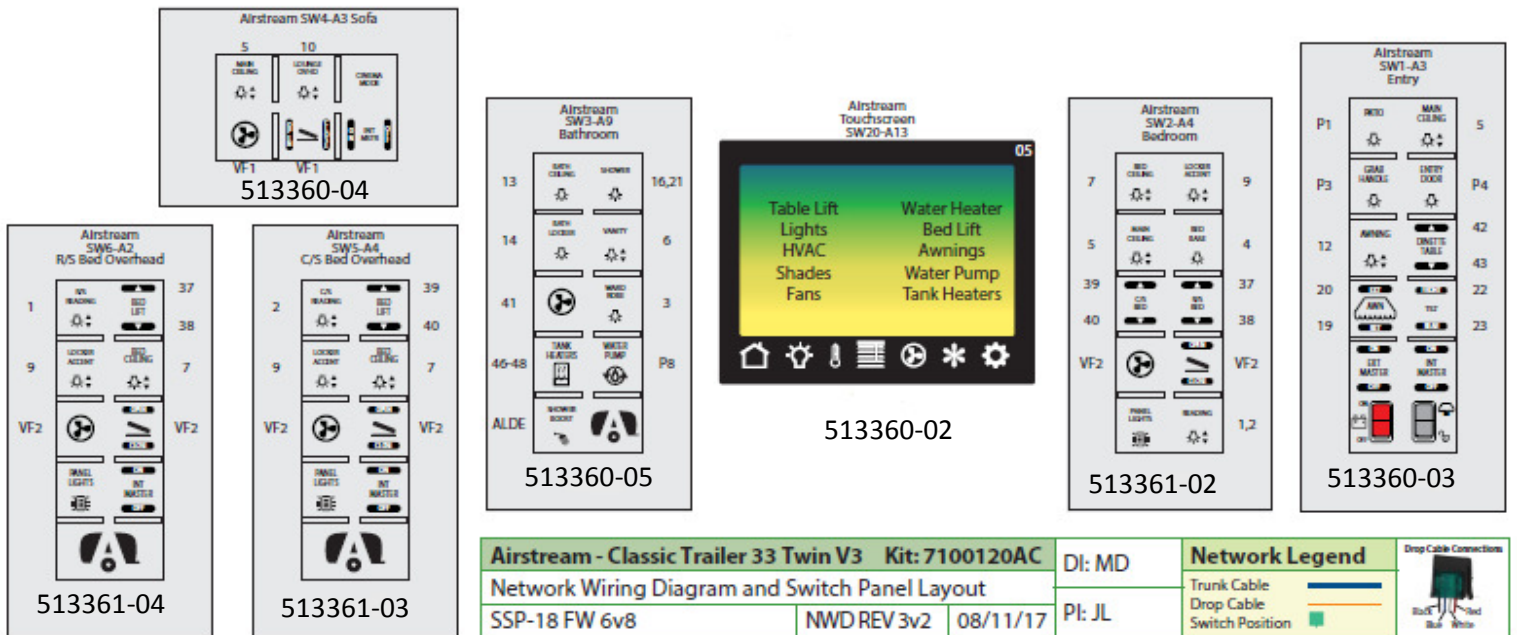


Airstream - Classic Trailer 33 Queen V2 Kit: 7100100AB				DI: MD	Network Legend		Drop Cable Connections
Network Wiring Diagram and Switch Panel Layout				PI: JL	Trunk Cable		
SSP-18 FW 6v8		NWD REV 2v3	07/21/17		Drop Cable		

This is the layout of the Firefly system in the 33' Classic. Twin bed

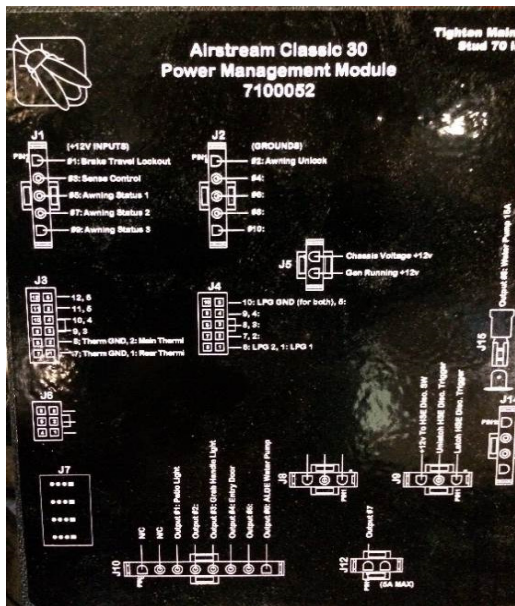


In the picture below each switch has been labeled with its part number. The part number for the complete set is 513361-01

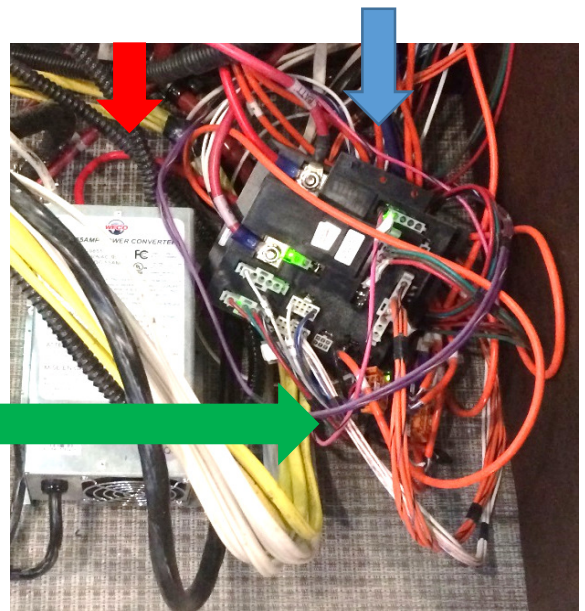


Under the Dinette:

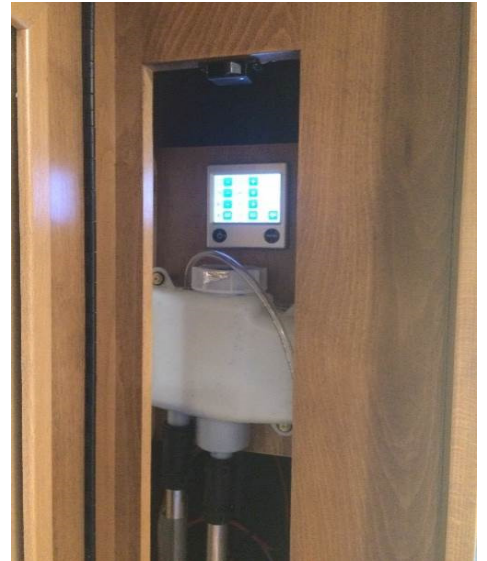
The Firefly Power Management Module is located under the dinette seat. This is also the location for the Firefly common tap connector. At the end of the dinette seat is the 50 amp breaker box. The front and side of the seat base is removable. The 30' and 33' use the same power management module.



In the picture below you will see the **converter**, **power management module** and the **common drop tap connector**.



Inside the wall separating the living area and the bathroom: this is where the Alde panel is located. The front panel is held on with cabinet catches.



The Alde control panel

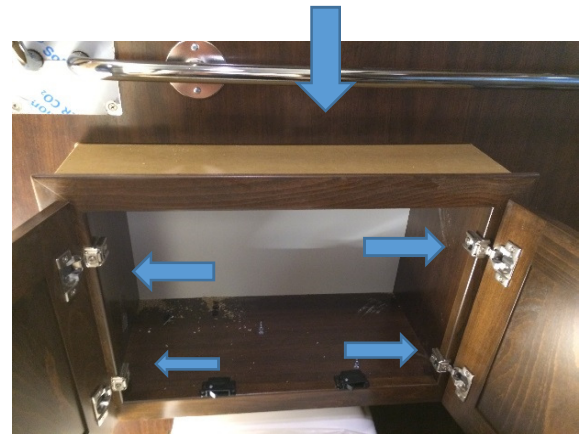
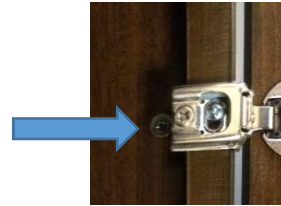
Below is the converter board for the Alde system. This allows the Firefly system to communicate to the Alde combo unit.



Toilet cabinet: Behind the locker above the toilet is the location of the Zip Dee control panels.



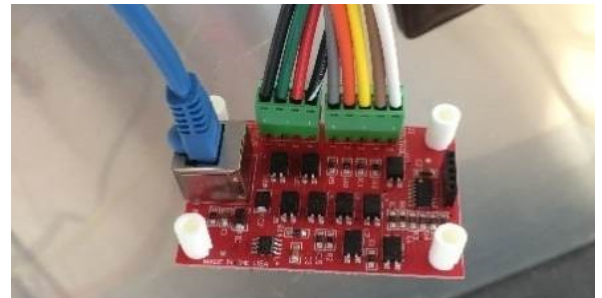
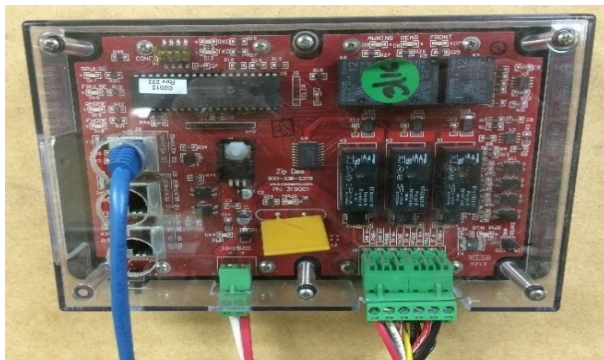
Remove the four screws to take the cabinet out of the wall. The screws are behind the hinges.



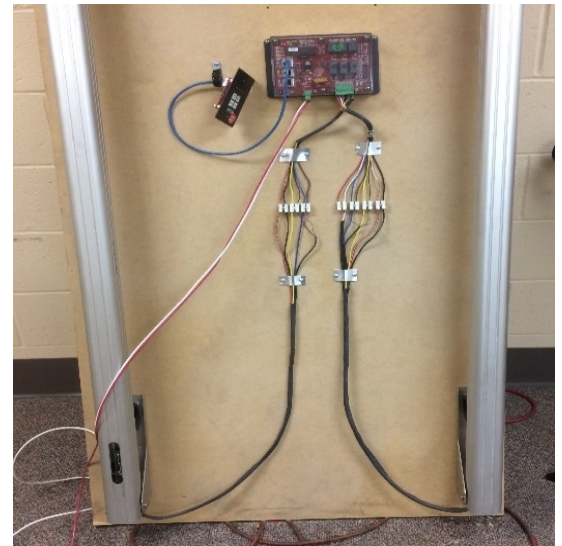
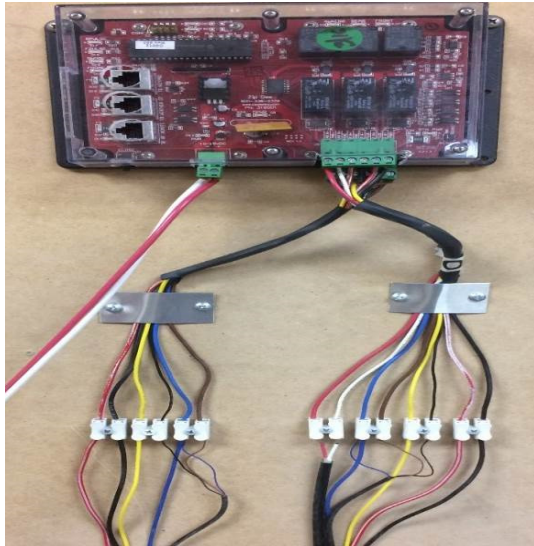
The Zip Dee board is mounted to the inside skin.



This is the Firefly to Zip Dee connector which allows Firefly to control the awning

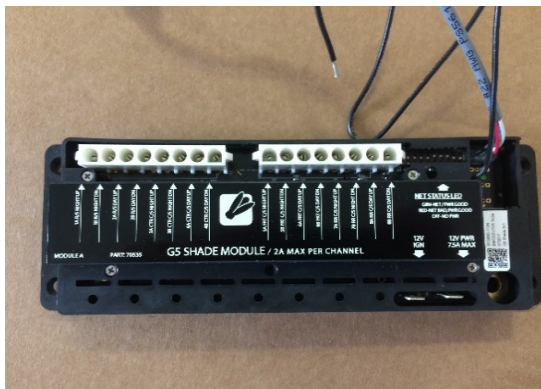


This is how the Zip Dee board is wired.



Under the wardrobe: The 12 volt breaker panel (G6 panel), shade module and the floor to ceiling harness connectors are located in this area.

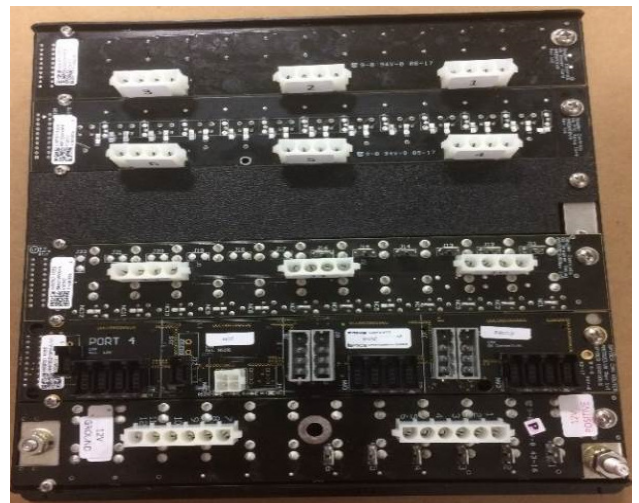
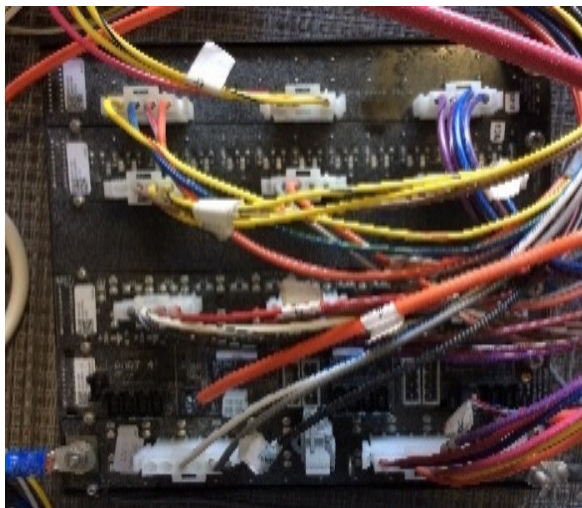
Shade Module

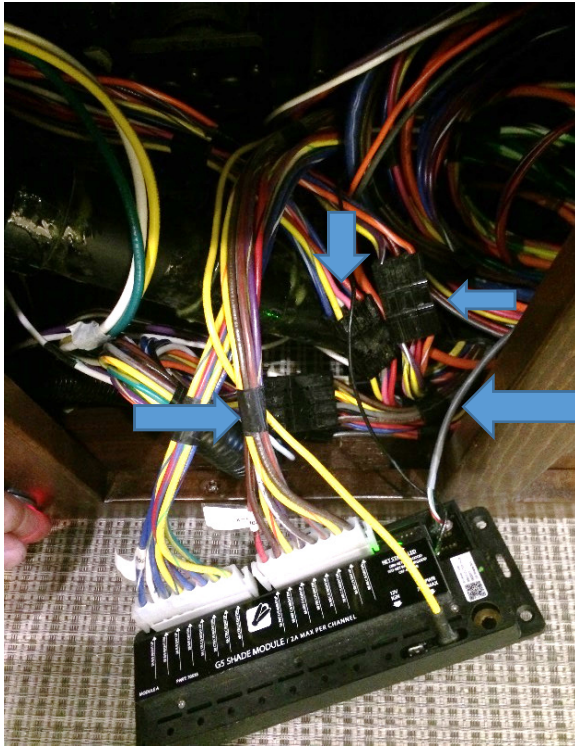


G6 12 volt breaker panel

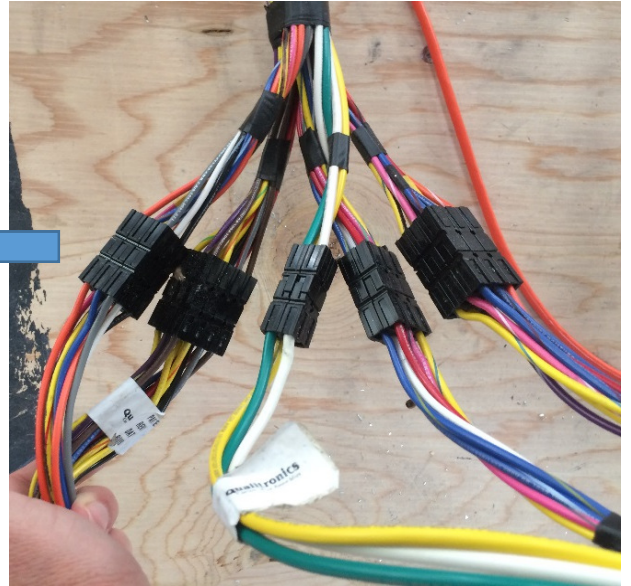


This is the backside of the G6 12 volt breaker panel





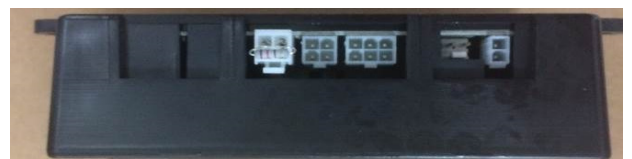
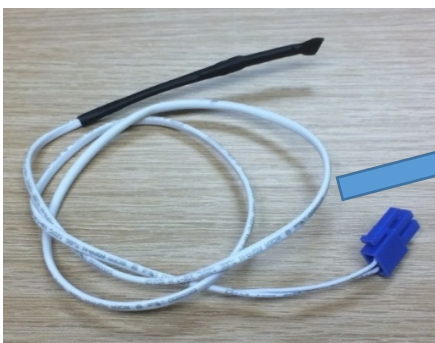
Under the wardrobe the floor harness connects to the ceiling harness with several connectors.



AirCon Module:

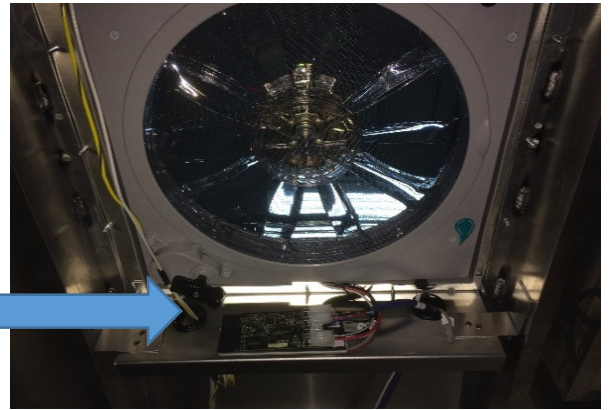
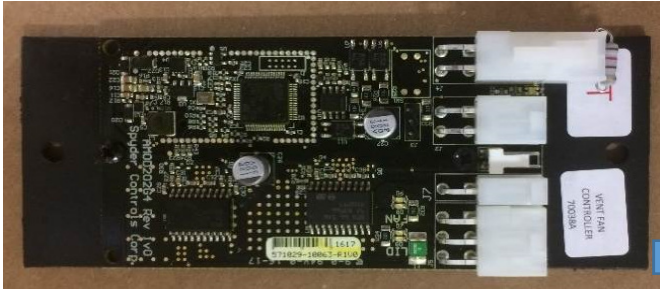
The AirCon module is located above the air return at each A/C unit.

Pictured below is the freeze sensor that we install in the A/C coils.



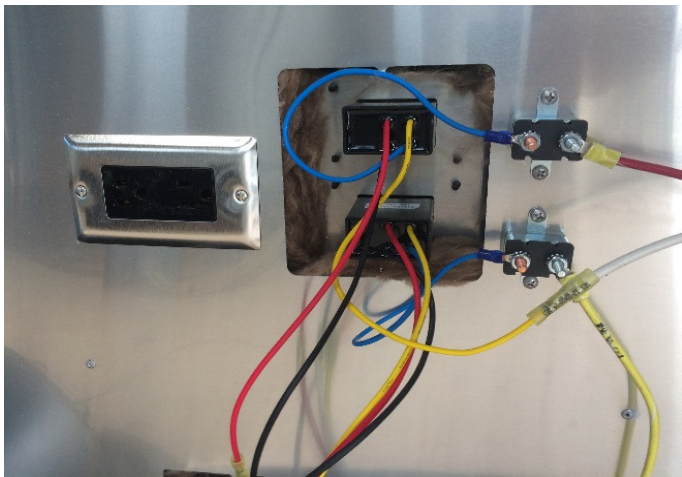
Fan Module:

The Firefly System has a Vent Fan controller for the Fantastic fan. This is located inside the fan shroud.



Under The Galley:

Pictures of the stabilizer jack switches and 12 volt breakers. These are mounted to the inside skin behind the galley cabinet next to the Microwave plug.

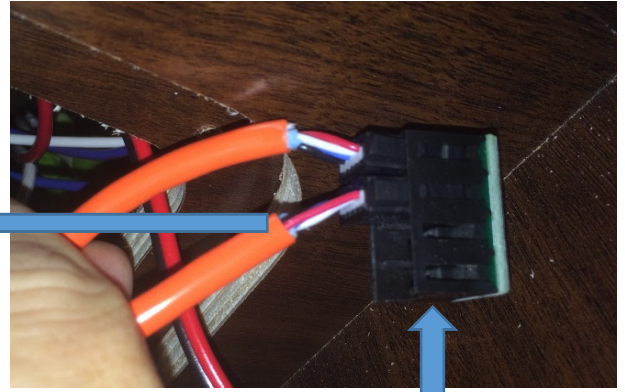


The Seelevel monitor panel is located under the sink. This panel sends the information to the Firefly display



Locker above the bed:

Located in the roof locker over the bed is a Firefly common tap plug. This plug is on the curb side of the trailer behind the false panel.



Under the bed:

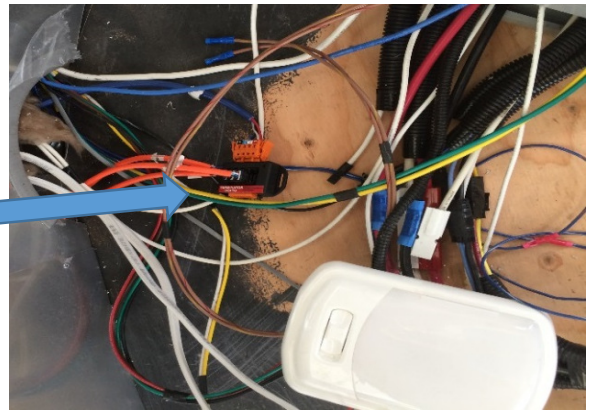
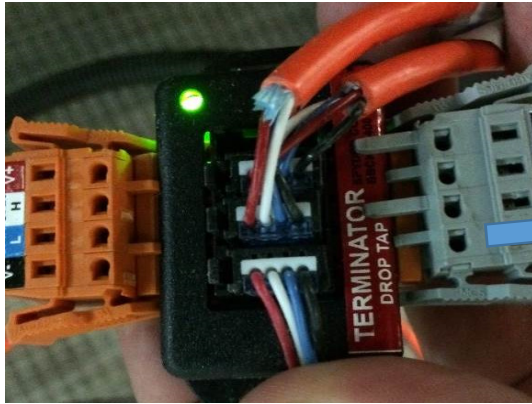
Under the bed on the curb side of the trailer the inverter, Terminator drop tap, Bergman 7 way plug box, solar controller, 12 volt breakers and ground lug.



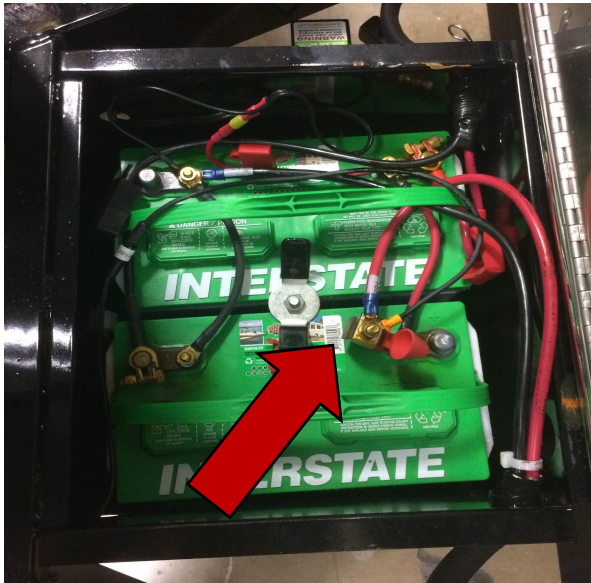
The 1000 Watt WFCO inverter.



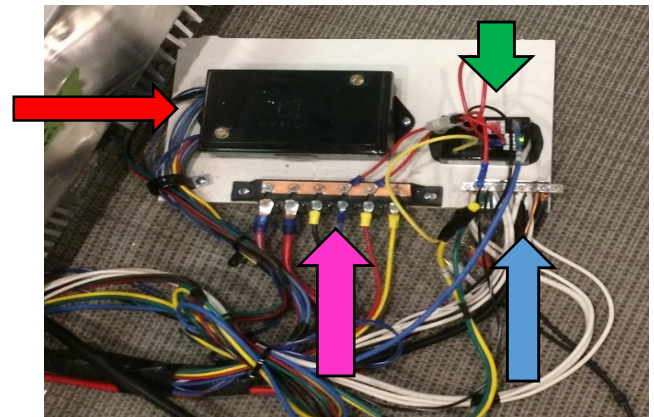
The Firefly Terminator Drop Tap



In the picture below is the fuse for the inverter, 100 amp fuse



The 7 way cord box, solar controller, 12 volt breakers for the battery and ground lug.



The plug for the tail light harness is located on the road side under the lavatory cabinet.

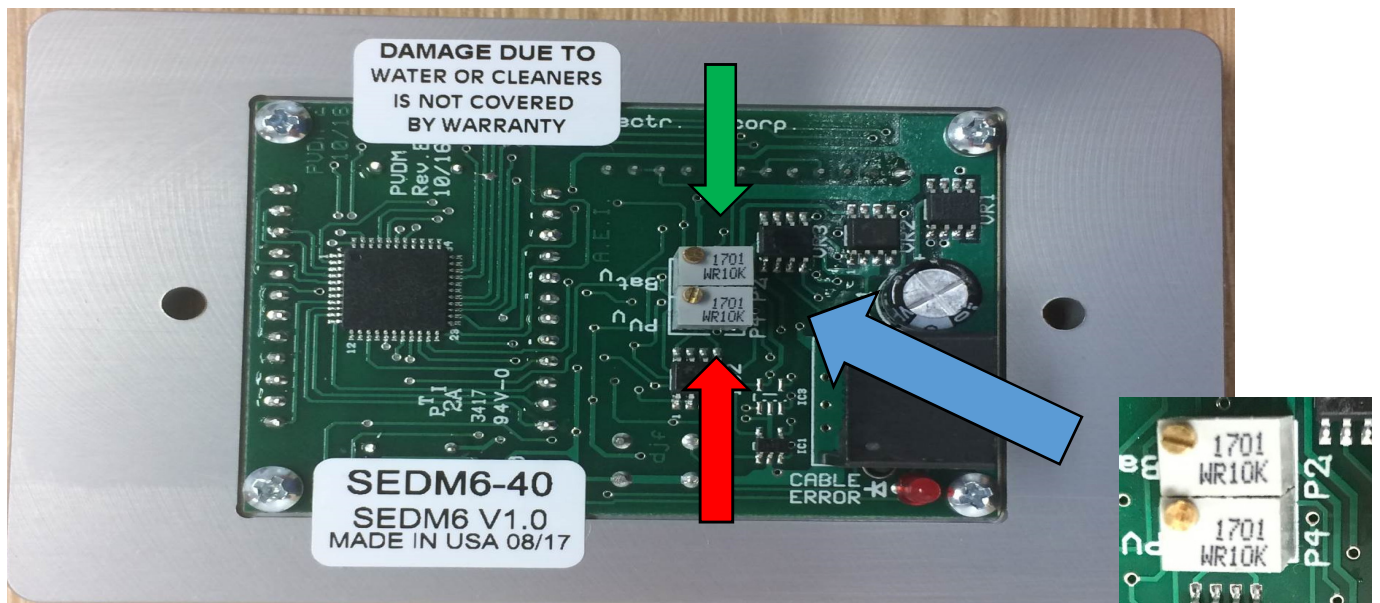


New sunexplorer display and controller:

We have updated the Solar display and controller in the 2018 units to the Sunexplorer II. The display has two more readings, the **Solar Voltage** and the **Charging Status**. The solar voltage will display the voltage from the solar panels. The charging status LED will turn green and N C will display on the screen when not charging stating the batteries do not needing a charge. The Led will turn red and CHR will display on the screen when charging. Charging can be turned on manually by holding the button in while on the charging status display. The screen will flash "NC" four times and then switch to "CHR" and will start the charging cycle. The new display will not work with the old 25 amp controller.

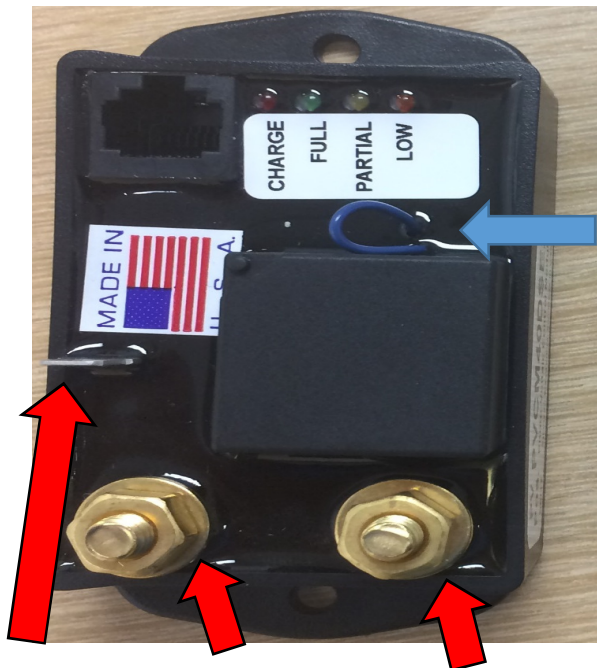


On the back of the display you can adjust the voltage readings. You can adjust the readings by turning the **P2 screw** (up to a 1/4 turn) this will change the Battery voltage and by turning the **P4 screw** (up to a 1/4 turn) will change the solar panel voltage.

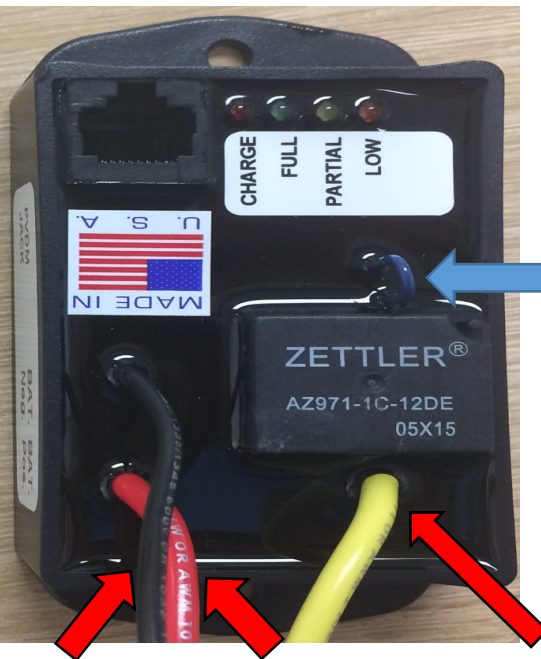


The new controller (PVCM40D-SE2) is 40 amps max.
 The Airstream trailers are only set up for 30 amps max.
 The new controller has bolt terminals for the positive
 wires and a spade connector for the negative wire.

The old controller (PVCM25D) is a 25 amp max controller.



Negative wire Battery positive Solar panel positive



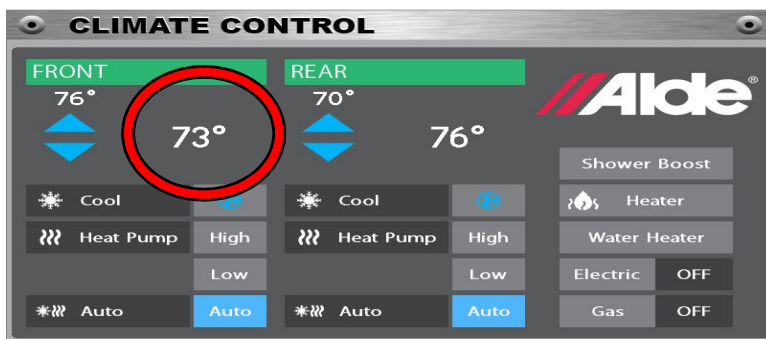
Negative wire Battery positive Solar panel positive

Note: on both controllers if you are installing AGM batteries you will need to cut the blue wire.

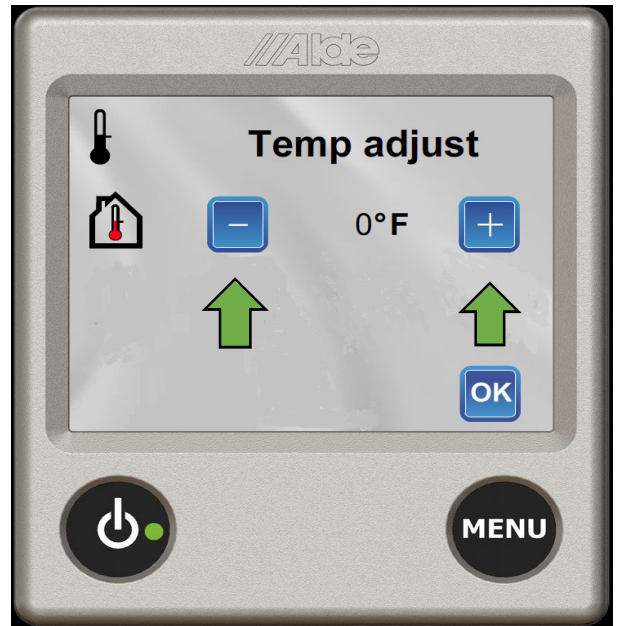
Alde temperature adjustments:



The Alde thermostat reading can be adjusted + or - 10 degrees Fahrenheit (+ or - 5.0 degree Celsius)to match the Firefly panel temperature.



Going into the settings of the Alde panel and selecting the Temp Adjust icon you can adjust the temperature reading up or down to match the reading of the Firefly panel.



Tech training

Airstream provides training a few times each year. We have metal training January 22nd - 25th and tech training April 16th through 19th. If you are interested in attending one of our classes please feel free to contact me at 937-596-7957 or Jim at 937-596-6111 ext. 7409

Suggestions

If you have any suggestions or articles you would like to see in our newsletters please don't hesitate to let me know and I will try to add it to future newsletters. Please add your comments below and email or you can call me anytime at 937-596-6111 ext. 7408 or 937-596-7957
My email address is dsnider@airstream.com.
