

Bleeding air out of the Alde system in the 30' Classic.

The following procedure shows how to bleed the air out of the system.

If the trailer is not heating but the Alde heater is reaching the set temperature the expansion tank should be checked to see if it is low on glycol. The tank is located inside a false panel in the cabinet above the toilet. If low, fill the expansion tank to the max fill line (**do not overfill past the max line**).



Airstream has glycol available through our parts department in quart or five gallon bottles. This would be a good item to have on hand at your dealership. In an emergency, distilled water can be used. However in freezing temperatures, if the heater is not on, it could freeze and damage the system.

Do not mix brands of glycol, this could damage the Alde system.

Glycol 1 quart bottle 360371-100

Glycol 5 gallon bottle 360371-200

After filling the expansion tank the cycle pump will need to be turned on to circulate glycol through the system and try to push air out through the expansion tank and to the bleeder valves. The pump should be turned on for 15 minutes to cycle the glycol and shut the pump off while bleeding the system.

The cycle pump can be turned on using the Alde control pad.



Turn on the Alde panel and make sure the heater is turned off. Blue is the off position of the panel. Click the key (or wrench) in the bottom right corner of the panel.



If a key icon is in the corner this screen will appear and you will have to unlock the pad to get to the next screen. If the wrench is shown it will go directly to the next panel.



Select the pump cycle button on the control pad.

The pump speed icon on the display does not change the pump speed.



Select continuous on the panel to turn the pump on. Run the pump for about 15 minutes filling the expansion tank as needed. (Remember to put it back to thermal when finished)



Under the dinette access the pump speed switch and turn the red dial from 3.5 to 5 during the bleeding process. Remember to turn the pump back down to 3.5 when finished. This will increase the pressure of the glycol in the system and will help push the air to the bleeder valves.

When using the bleeder valves the pump must be turned off to keep from pulling in air at the bleeder valve.



There are several bleeder valves throughout the system. The bleeder valves when opened will let air out of the system. To bleed the system turn the valve counter clockwise to let air out when glycol starts to come out of the valve then close the bleeder valve and make sure they are tight. After each bleeder valve has been bled check the level of glycol in the expansion tank.

Make sure the pump is off when opening these valves.

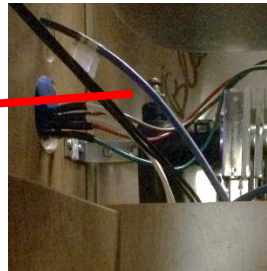
The system should be bled clockwise in the trailer starting at the lounge. The picture of the valves are in this order.



There is a bleeder valve located behind the sofa. The valve can be accessed by reaching under the valance and behind the sofa.



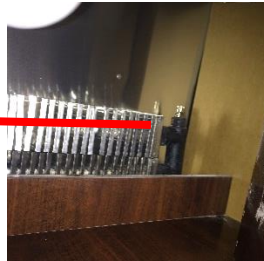
By removing the fire extinguisher and holder you can access a bleeder valve behind the register. To take the holder off the wall remove the four screws and caps.



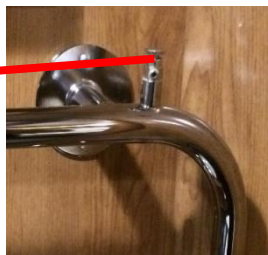
The bleeder valve under the galley is on the left side towards the rear of the cabinet.



Under each night stand there is a bleeder valve. To access the drawer will need to be removed.



The bleeder valve under the lavatory sink can be accessed through the door.



The towel bar has a bleeder valve attached to it.

After the system has been bled make sure the glycol level is at the max line. This process may need to be repeated a few times to remove all the air from the system. Raising and lowering the front of the trailer before starting the process again will help move the air to the bleeder valves.