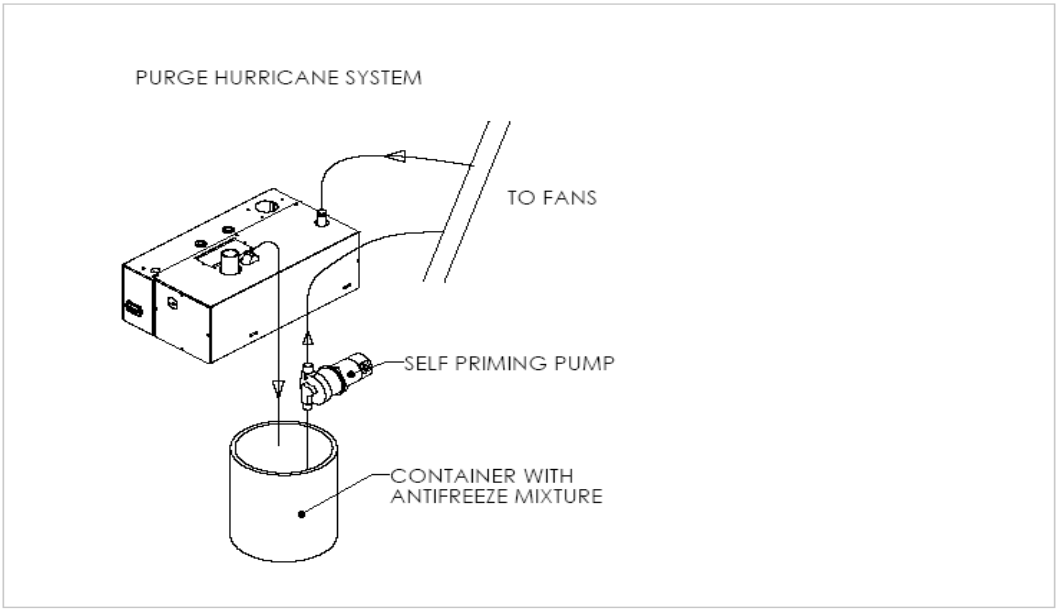
Purging the coolant system of air

What you will need for this procedure

- Positive displacement pump (shurflo)
- At least a 2 gallon bucket half filled with coolant
- 10’ of ¾” heater hose
- Clamps for hoses

Procedure steps

1. Clamp the incoming and outgoing hoses on the furnace.
2. Clamp them about 6 in. from the end of the hose.
3. Remove the outgoing hose from the furnace.
4. Connect that same hose to the output of the pump
5. Connect a hose from the exposed barb on the furnace and run it to the bucket of coolant, this is now the discharge line
6. Connect a hose to the input of the pump and immerse it in the bucket of coolant.
7. Turn on power to the pump.
8. Release the clamps on the hoses.
9. Run the pump till you see a good flow of coolant coming out of the discharge hose. This should take about 10 min.
10. Clamp the hose coming into the top rear of the furnace, and clamp the original output hose about 6 in. from the end of the hose.
11. Shut the power off to the pump
12. Remove the hose that is on the output of the furnace.
13. Remove and connect the hose from the output of the pump back on the output of the furnace.
14. Release the clamps on the hoses.
15. Run the furnace.