Each application component must be sized correctly by a professional. The unit is to be no smaller than the piping. Throughout the system, the diameter of the pipe leading up to the air vent is to be installed at the highest location. For guidance, the maximum diameter should be at least 3/4" NPT. This drawing is a conceptual diagram and is intended to be used ONLY as a guide. 

Legend:
- Air Vent
- Pressure Relief Valve
- Check Valve
- Expansion Tank
- Union
- Valve
- Pump
- Air Separator
- Y-Stainer
- Cold Water
- Gas Supply
- Recirculation Pump
- To Fixtures
- Hot Water Outlet

Instructions:
1. The recirculation pump is to be controlled by a basic guide. Applications must be designed by a professional. 
2. The recirculation pump is to be controlled by a basic guide. Applications must be designed by a professional. 
3. Each application component must be sized correctly by a professional. The unit is to be no smaller than the piping. Throughout the system, the diameter of the pipe leading up to the air vent is to be installed at the highest location. For guidance, the maximum diameter should be at least 3/4" NPT. This drawing is a conceptual diagram and is intended to be used ONLY as a guide.