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## Geo-Flo Geo-Gooser Operating Manual

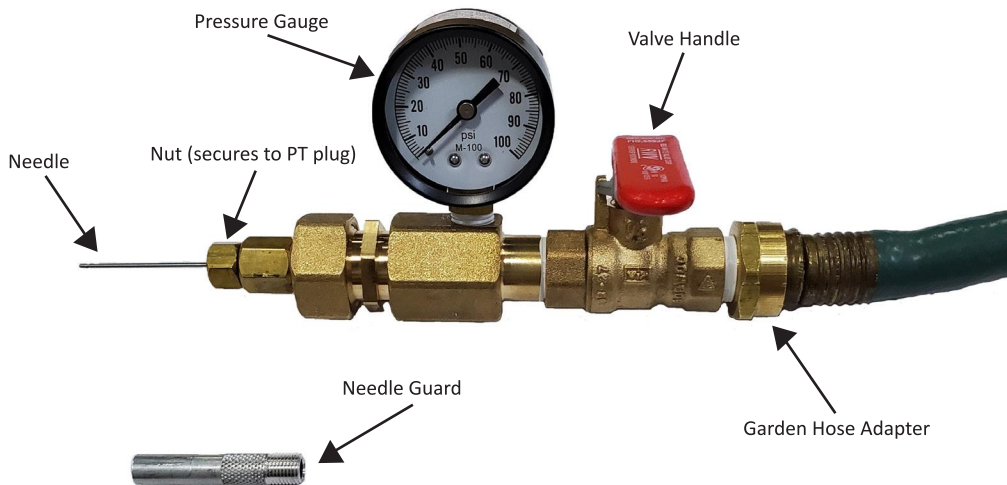


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## Bumping system pressure with Geo-Gooser

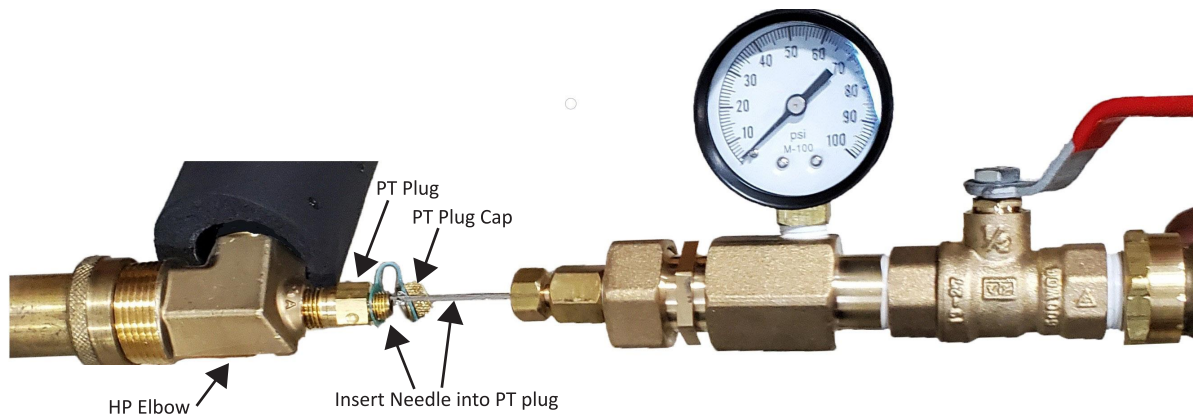
1. Assemble the Gooser to a hose connected to a clean fluid source and remove the needle guard. The fluid may be clean water, or an antifreeze mixture (such as glycol/water mix in a bucket with a utility pump). NOTE: The fluid added to the loop should be compatible with the fluid already in the loop.



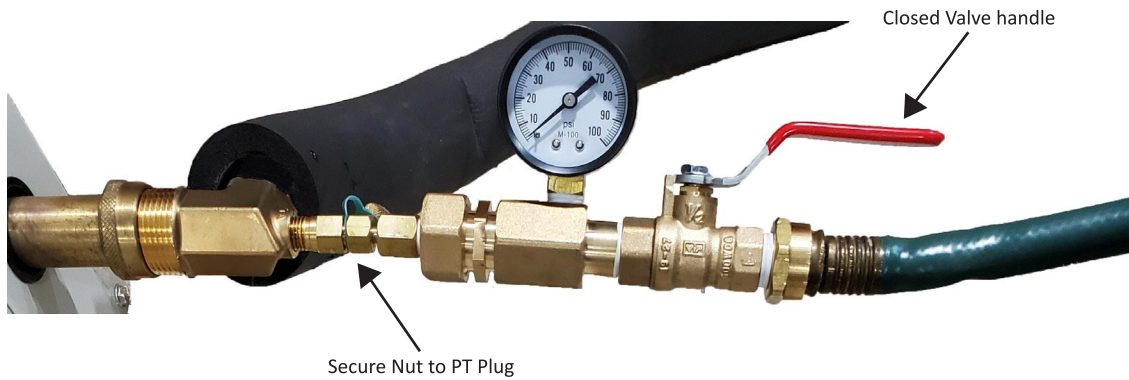
2. Initiate the fluid source (water supply or pump) and purge all air from the hose. This can be accomplished by submerging the tip of the needle in a bucket of water and opening the valve fully, and then waiting several minutes for all air bubbles to stop. After purging, close the valve handle.

NOTE: Purging all air from the hose is critical. Failing to do this will force air into the loop which will likely require system flushing/purging with a flush cart.

3. Remove the cap from the PT plug at the heat pump elbow. Open the valve handle a small amount so just a few drops of water escape the end of the needle.



4. With water slowing dripping out of the needle, carefully insert the needle into the PT plug. The Gooser may be secured to the PT plug with the nut. Once inserted, open the valve handle to allow water to be forced into the system. Once the pressure reaches the desired value (~30-60 PSIG), close the valve.



5. Remove the Gooser from the PT plug, and replace the PT plug's cap

Note: The needle breaks through a rubber diaphragm inside the PT plug which closes when the needle is removed (similar to a basketball). In some cases, you may have a drop or two of water come out of the PT plug when you remove the Gooser's needle. The PT plug's cap should have a rubber gasket inside, which provides a secondary seal in case the PT plug continues to drip.



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