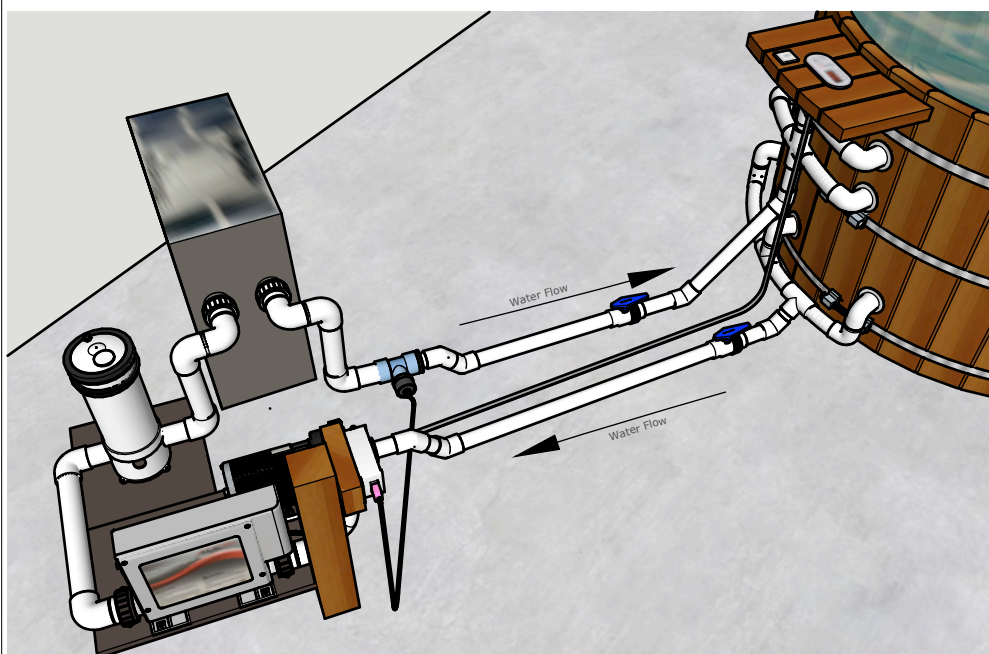
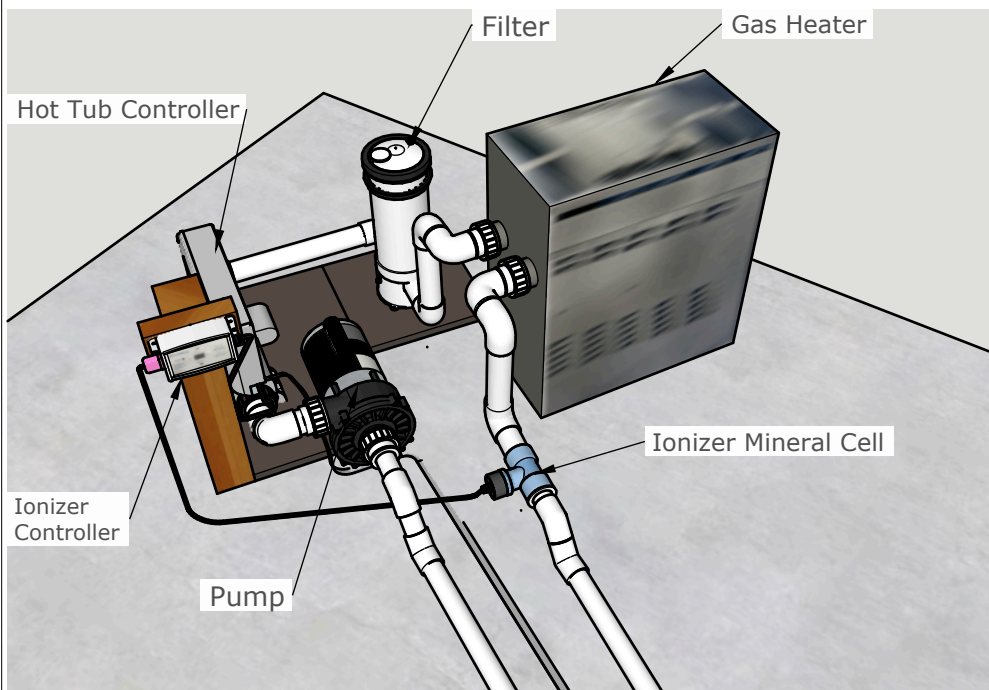


**General Conceptual Diagrams**  
**5' x 36" Hot Tub with Raypak Gas Heater, ACC System, Clearblue Ionizer**

March 29, 2022 ::

Revision 0

## System Views



### Component Order:

The components are illustrated in the correct order of flow. As water comes out of the suctions of the tub it goes through the system components in the following order:

Pump  
Hot Tub Controller  
Filter  
Gas Heater  
Ionizer Mineral Cell

Components with electrical power supply (Pump, Hot Tub Controller, Gas Heater, Ionizer Controller) should be at least 6' from the tub or there should be a barrier between tub occupants and these pieces of equipment, per national electric safety code.

The ionizer controller can be powered from the spa pack, or the end can be changed to a standard 120V grounded (3-prong) cord.

Don't overlook the ionizer instructions specify the mineral cell to be oriented in such a manner that the point where the cord comes out be on bottom (best) or on the side (ok), but not on top. Also, if you can move it closer to your tub without running out of cord, do so.

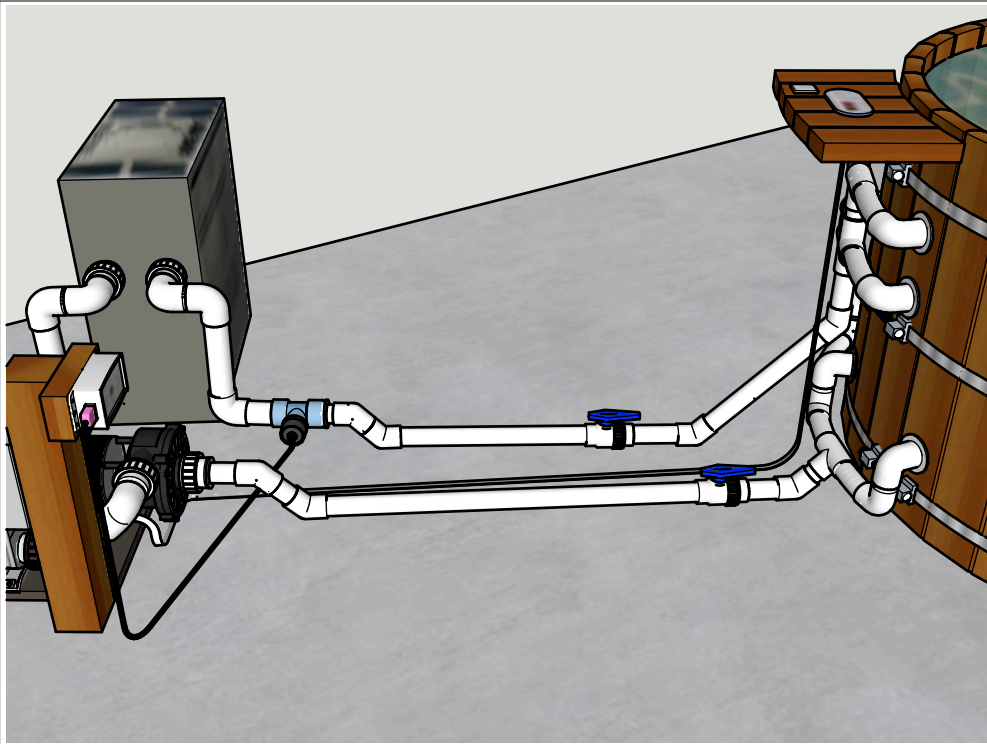
Outside of this, and except for where instruction manuals further direct, various orientations, proximities, etc. can be flexible to your particular installation.

### Notes:

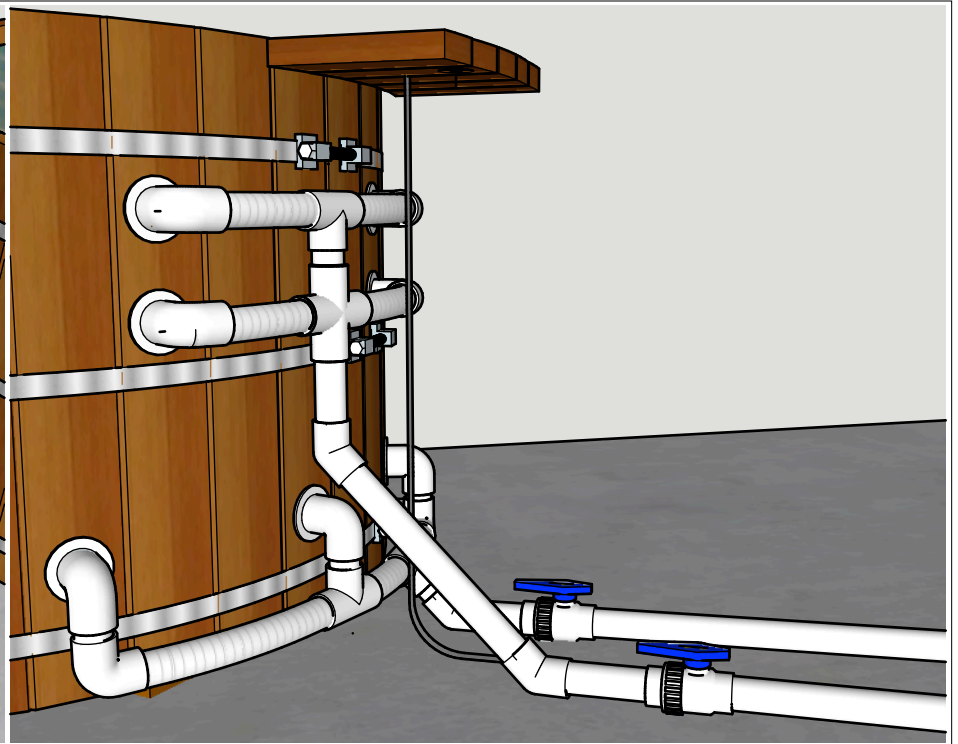
The post where the ionizer control box is mounted is just for example, and was not included.

The main system components and connecting plumbing is 2".  
The tub wall and gap span plumbing is 1.5"

You will likely have leftover plumbing fittings. Enough were sent to plumb different configurations. Conversely, depending on your installation you may need to purchase additional SCH. 40 PVC parts.



System View 1



System View 2

