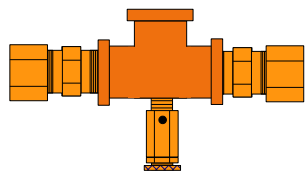
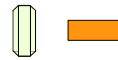


Part # 077.0070 Fittings Kit for GH System (EZ-Connect with Closed Glycol Loop) Contains:



Expansion Tank Fitting with
25psi Pressure Relief Valve

014.0026

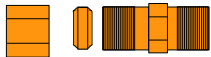


7 Sets of Nylon Ferrules and
Brass Inserts for PEX Tubing

014.0015



2 Compression Caps with
Brass Ferrules



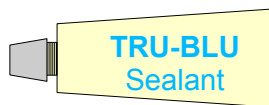
2 Compression Unions with
Nuts and Brass Ferrules



1 Push Fit to 1/2" Female
pipe adapter



1 Push Fit to 1/2" Male pipe
adapter



1 Tube Plumbing Sealant



2 HEX Coupling



1 1/2" Brass Nipple



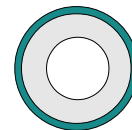
2 1/2" Brass Elbow



1 3/8"OD Compression to
1/2" Male Pipe Adapter



1 3/8"OD Compression to
1/2" Female Pipe Adapter

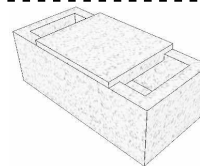


1 Roll Teflon Tape

**Included
Separately:**



1 Copper Tube
Connector



1 Foam Insulator Box
for Heat Exchanger

If you have never used compression fittings before please refer to our video online :
<http://youtu.be/eQGL8MBLlaE>

- 1) Install both pipes going from the bottom feed connector to the panels .
- 2) Install two compression unions onto the first panel. These unions will be used to connect the panel array to the two pipes going to the tank.
- 3) Install the pipes on the compression unions. For copper and CPVC pipe use the brass ferrules, and for PEX use the nylon ferrules and brass inserts. Use a small amount of the included [sealant](#) compound as described in the installation instructions.
- 4) Install the remaining panels using compression unions until all your panels are linked together with unions. Please remember to use the [sealant](#) compound.
- 5) On the last panel install the two compression caps on the unions with brass ferrules to cap off the pipes on the side. A small amount of [sealant](#) on the brass ferrules makes it easier to achieve a watertight seal.
- 6) Thread the Expansion Tank into the special expansion tank fitting using [sealant](#). Install the Expansion Tank inline with the cold feed line to the panels using the compression fittings on the tank fitting. Please remember to use [sealant](#).
- 7) Install the Glycol Fill Valve inline with the hot return line from the panels using the compression fittings on the tank fitting. Please remember to use [sealant](#).
- 8) Assemble the Heat Exchanger, Pumps, and Bottom Feed Connector as described in detail in the installation instructions.
- 9) Install the entire assembly with pumps, heat exchanger, and bottom feed connector on the tank as described in the installation instructions.
- 10) Connect the pipes to and from the panels to the push fit fittings on the Heat Exchanger assembly.

After the entire installation is completed insulate the heat exchanger with the included foam insulator box. The pre-cut lid should be taped onto the bottom part to prevent the insulator from falling off.

You can find more details on these steps in the "Installation Instructions for GH Systems". Printed copies of these instructions are included in complete kits or you can download them from <http://www.heliatos.info/instructions/GHsystem.pdf>

