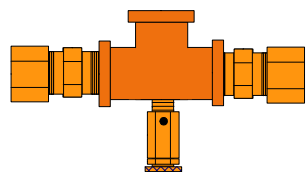
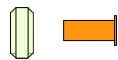


## Part # 077.0071

## Glycol Retrofit Fittings for Heliatos EZ-Connet Solar Water Heating Systems

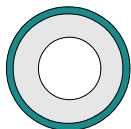


Expansion Tank Fitting  
with 25psi Pressure  
Relief Valve



4 Sets of Nylon Ferrules and  
Brass Inserts for PEX Tubing

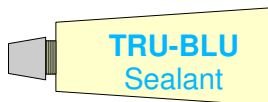
014.0019



1 Roll Teflon Tape



2 HEX Coupling



1 Tube Plumbing Sealant



1 1/2" Brass Nipple



2 1/2" Brass Elbow



1 Push Fitting Pipe  
Removal Tool



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

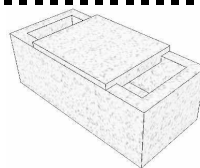


1 3/8"OD Compression to  
1/2" Female Pipe Adapter

Included  
Separately:



1 Copper Tube  
Connector



1 Foam Insulator Box  
for Heat Exchanger

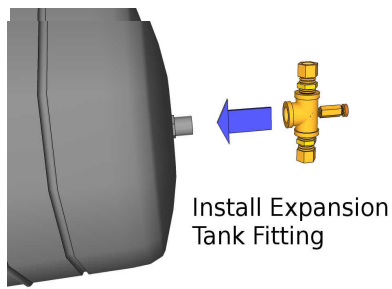
If you have never used compression fittings before please refer to our video online :

<http://youtu.be/eQGL8MBLlaE>

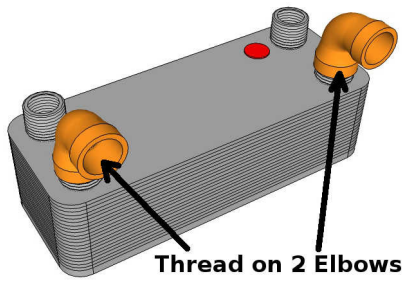
**When installing the fittings and parts onto the heat exchanger the sequence is important. Changing the sequence will cause you to be unable to complete the installation.**

- 1) Thread the Expansion Tank into the special expansion tank fitting (using [Plumbing Sealant](#))
- 2) Thread the two brass elbows onto the heat exchanger (using [Plumbing Sealant](#)). Please look at the diagram on the opposite page. The red dot placed on the heat exchanger helps to locate the ports the elbows go on.
- 3) Thread a hex coupling onto the port next to the red dot. Then thread a nipple into the coupling (using [Plumbing Sealant](#) on both).
- 4) Thread another hex coupling onto the remaining port on the heat exchanger (using [Plumbing Sealant](#)).
- 5) Thread the heat exchanger assembly into the cold (left) side of the bottom feed connector (using [Plumbing Sealant](#)). The nipple (near the red dot) will thread into the ball valve.
- 6) Thread the first pump into the HEX coupling and the second pump into the Elbow at the top of the heat exchanger (using [Teflon Tape](#)). The first pump should pump AWAY from the heat exchanger and the second pump INTO the heat exchanger. The arrow on the pump body points towards the output side. **Please use a wrench on the brass thread you are installing, NOT the one on the opposite side of the pump. The pump cannot withstand tightening torque.**
- 7) Thread the 3/8"OD Compression to 1/2" Male Pipe Adapter onto the first pump and the 3/8"OD Compression to 1/2" Male Pipe Adapter into the right ball valve on the Bottom Feed Connector. Then install the Copper Tube Connector as shown in the diagram.
- 8) Now you can connect the two pipes from the panels as shown in diagram 8. You should use the fittings that were originally on the bottom feed connector.

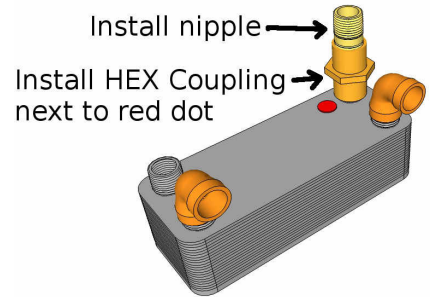
**You can find more details on these steps in the "Installation Instructions for Glycol Retrofit kits for EZ-Connect Systems". These instructions are included in complete kits or are available online at <http://www.heliatos.info/instructions/EZRetrofit.pdf>**



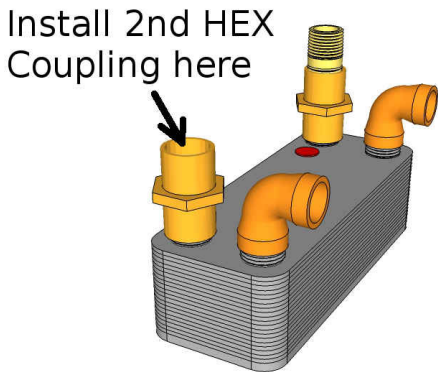
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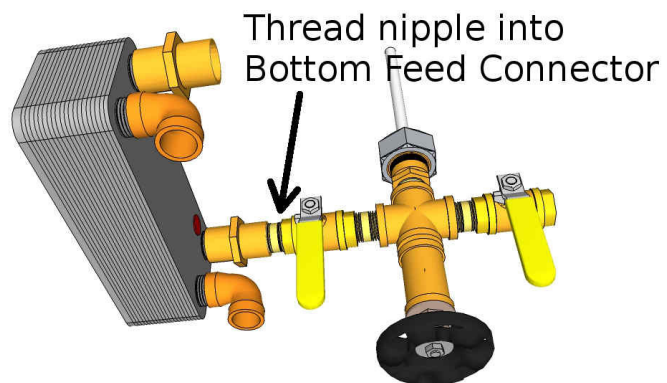
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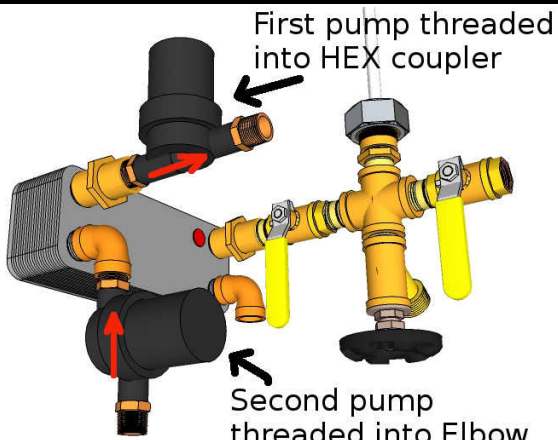
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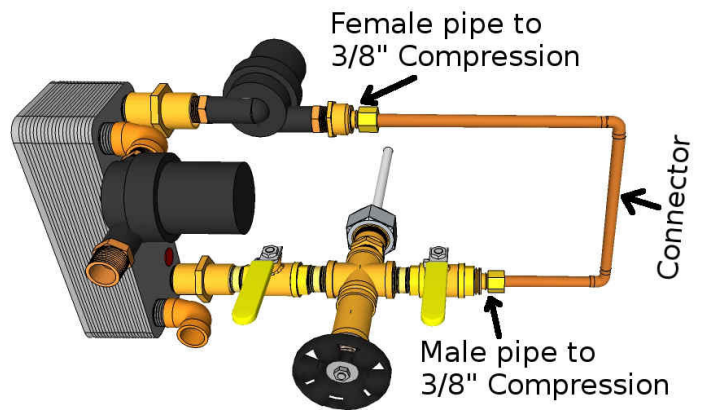
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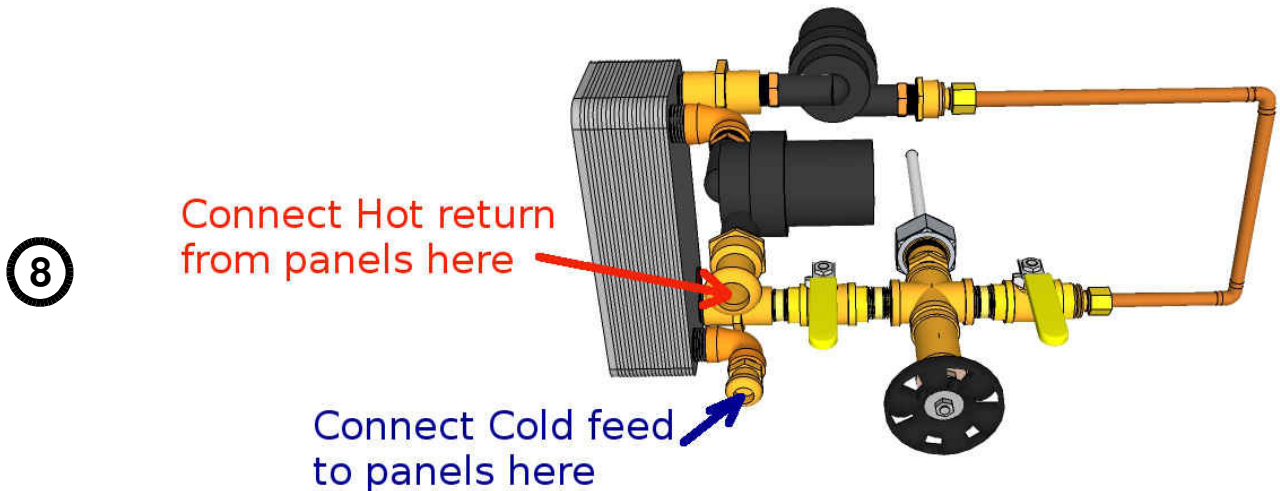
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6



7



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