

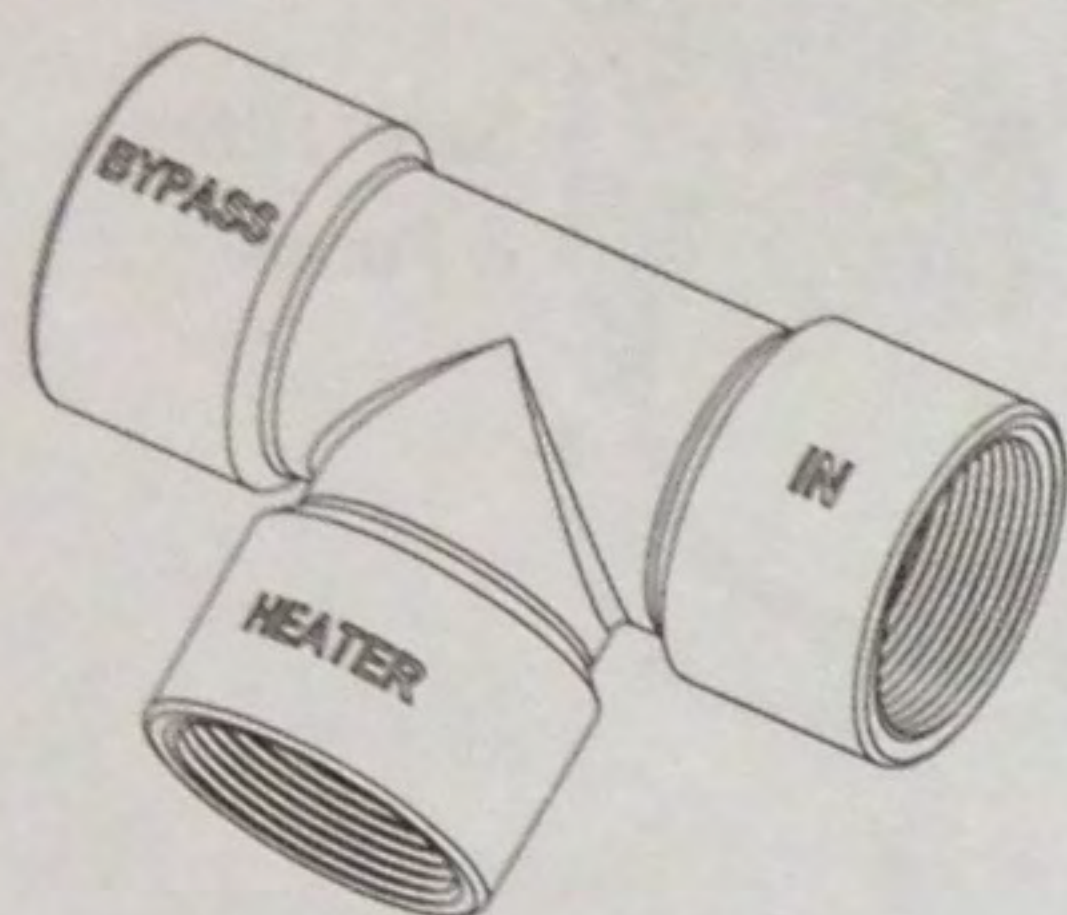
SolarPRO HEATER BYPASS KIT INSTRUCTIONS

The Bypass kit allows you to reduce the water pressure from filter to the solar heater and also maintain the water flow at all times through the solar heater.

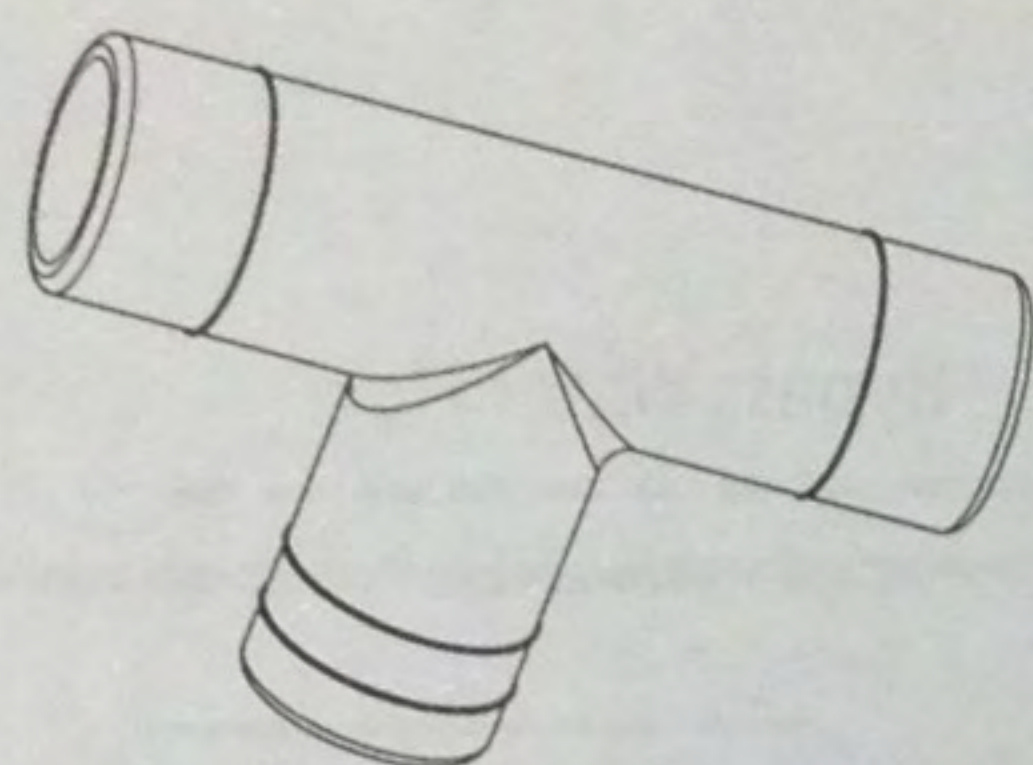
NOTE: It is critical to set-up the bypass in the correct order, between the filter /pump and solar heater and also knowing the horsepower of your pump.

PARTS LIST/REFERENCE

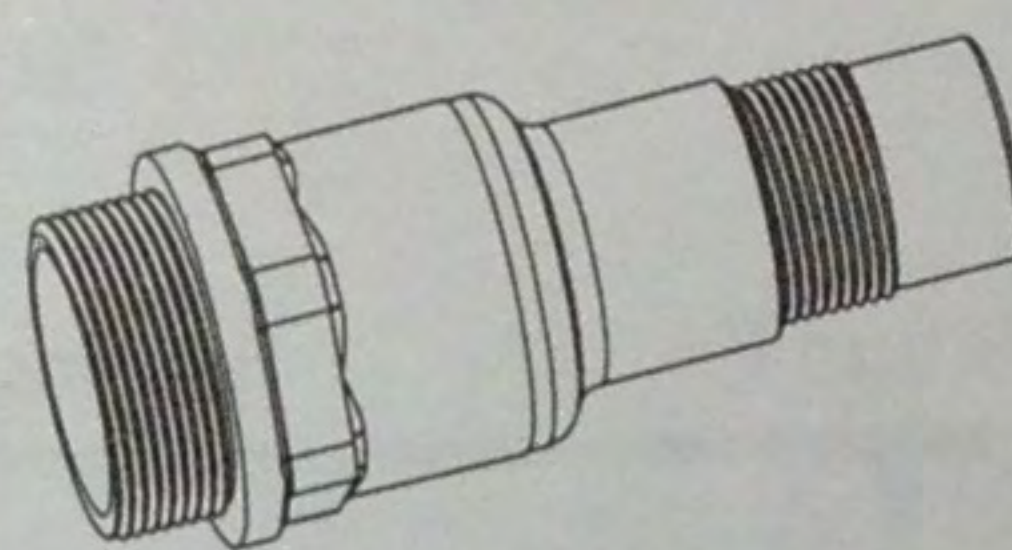
Threaded Bypass T (1)



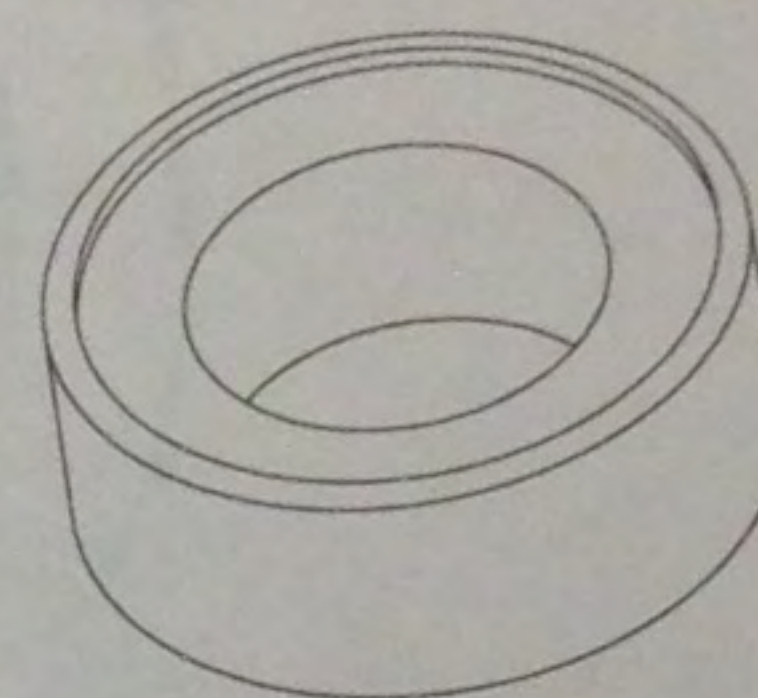
Return T (1)



Threaded Adapter (3)

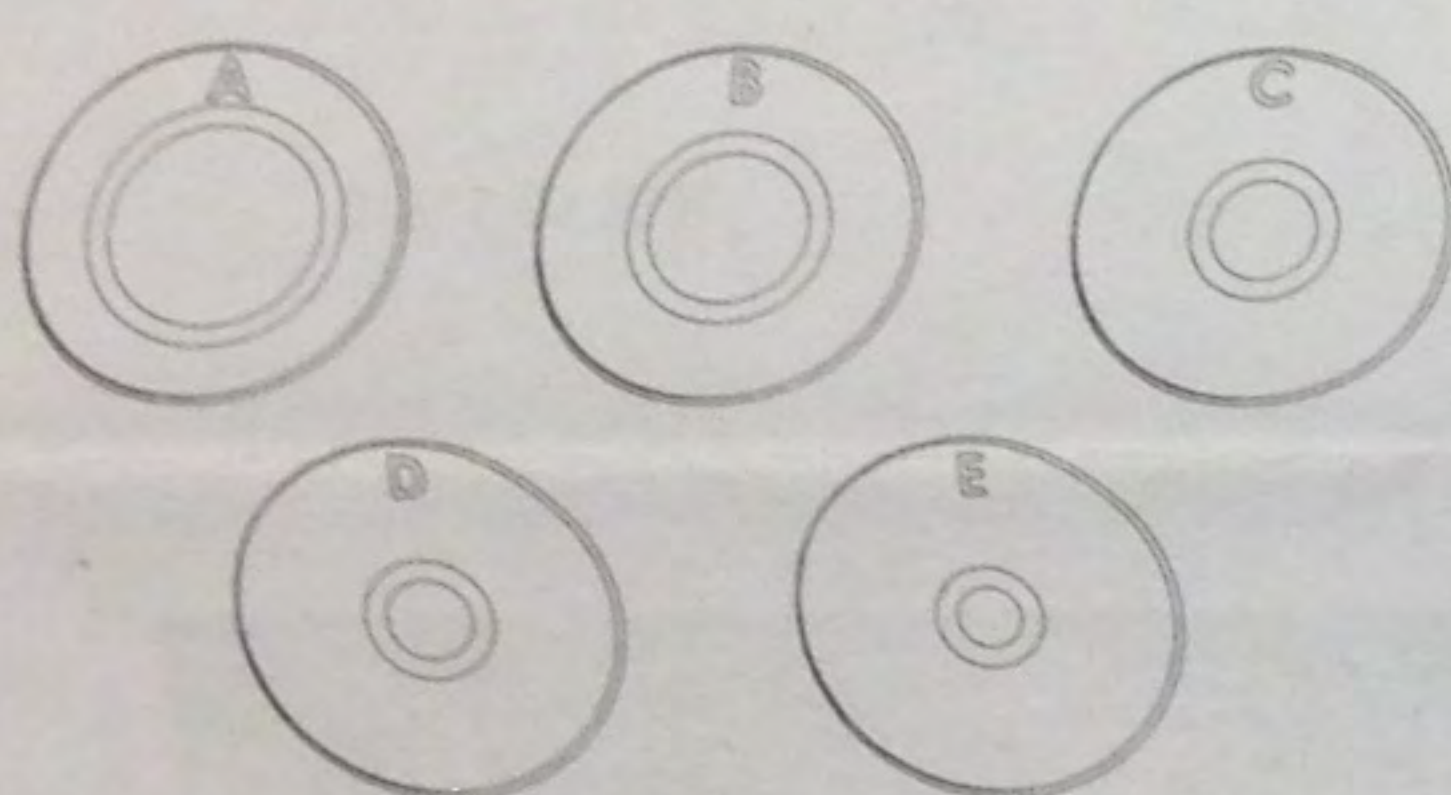


Teflon® Tape (1)

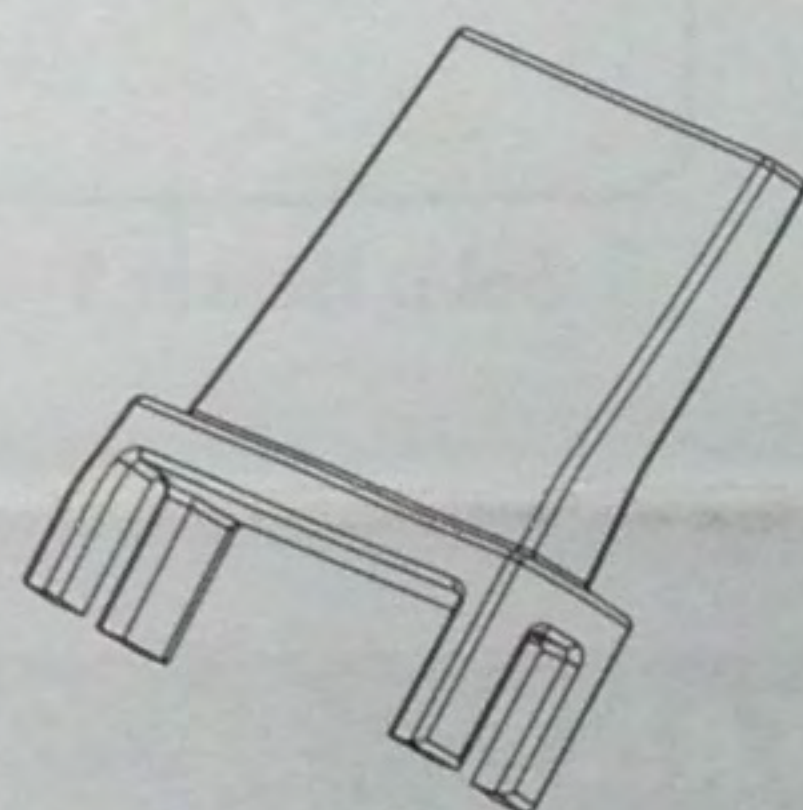


Flow Restrictor (5)

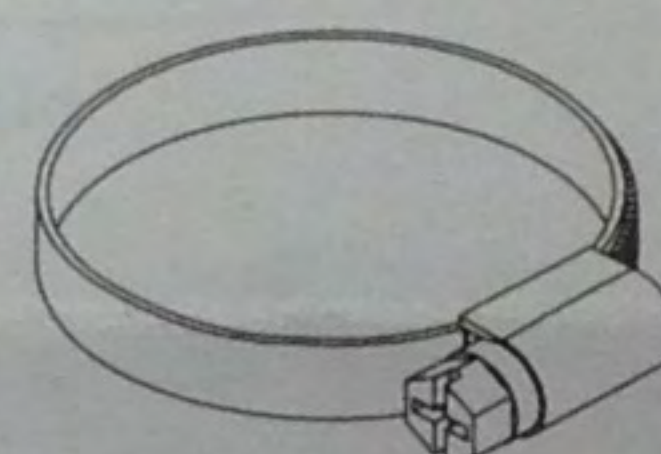
Sizes A (smallest) to E (largest)



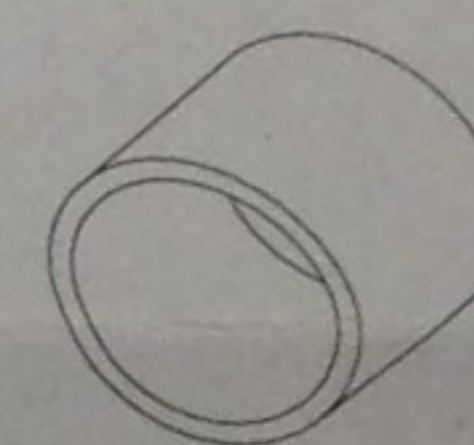
Flow Restrictor Key (1)



Hose Clamp (6)



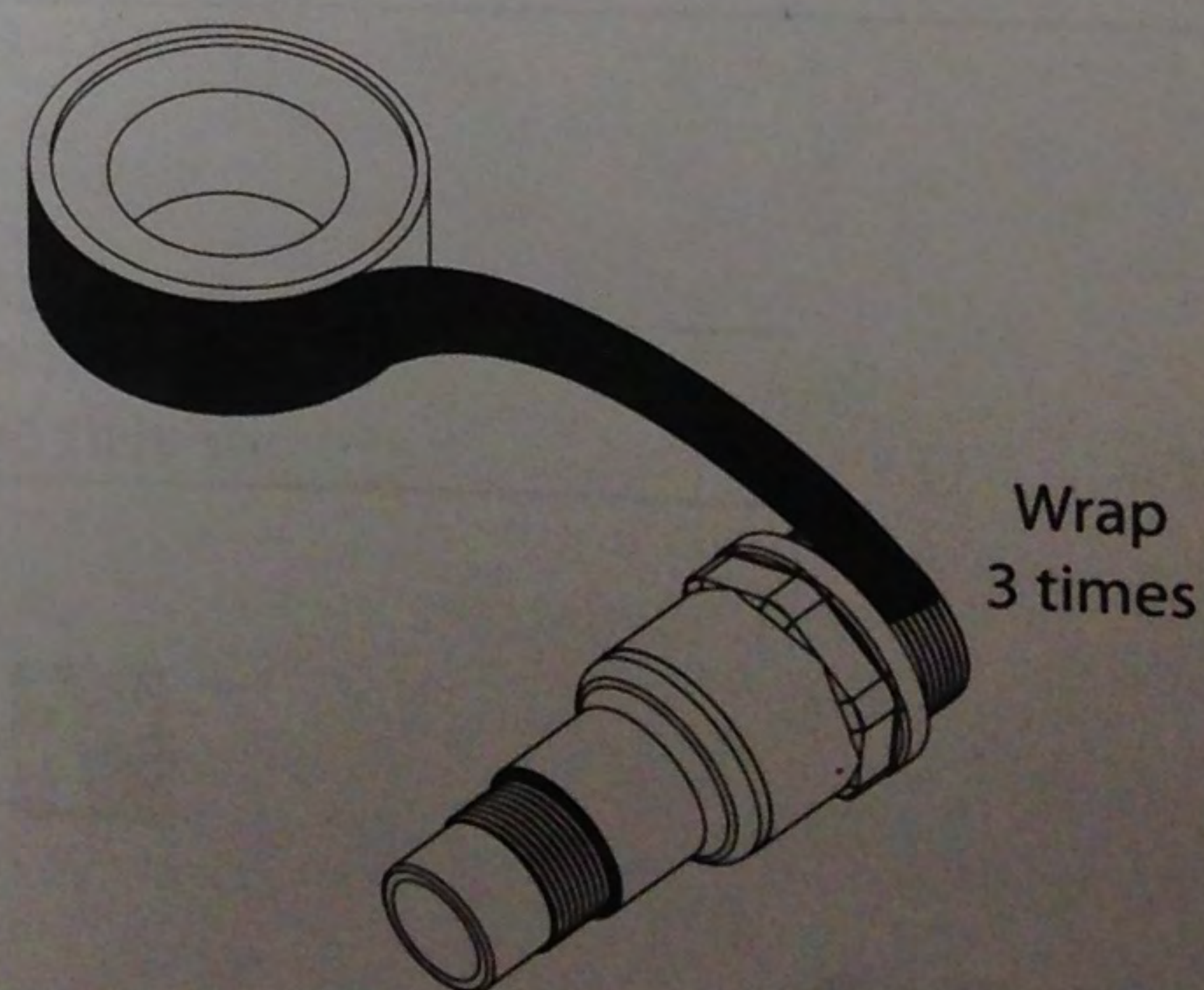
1.5" ID to 2.0" OD Adapter (2)



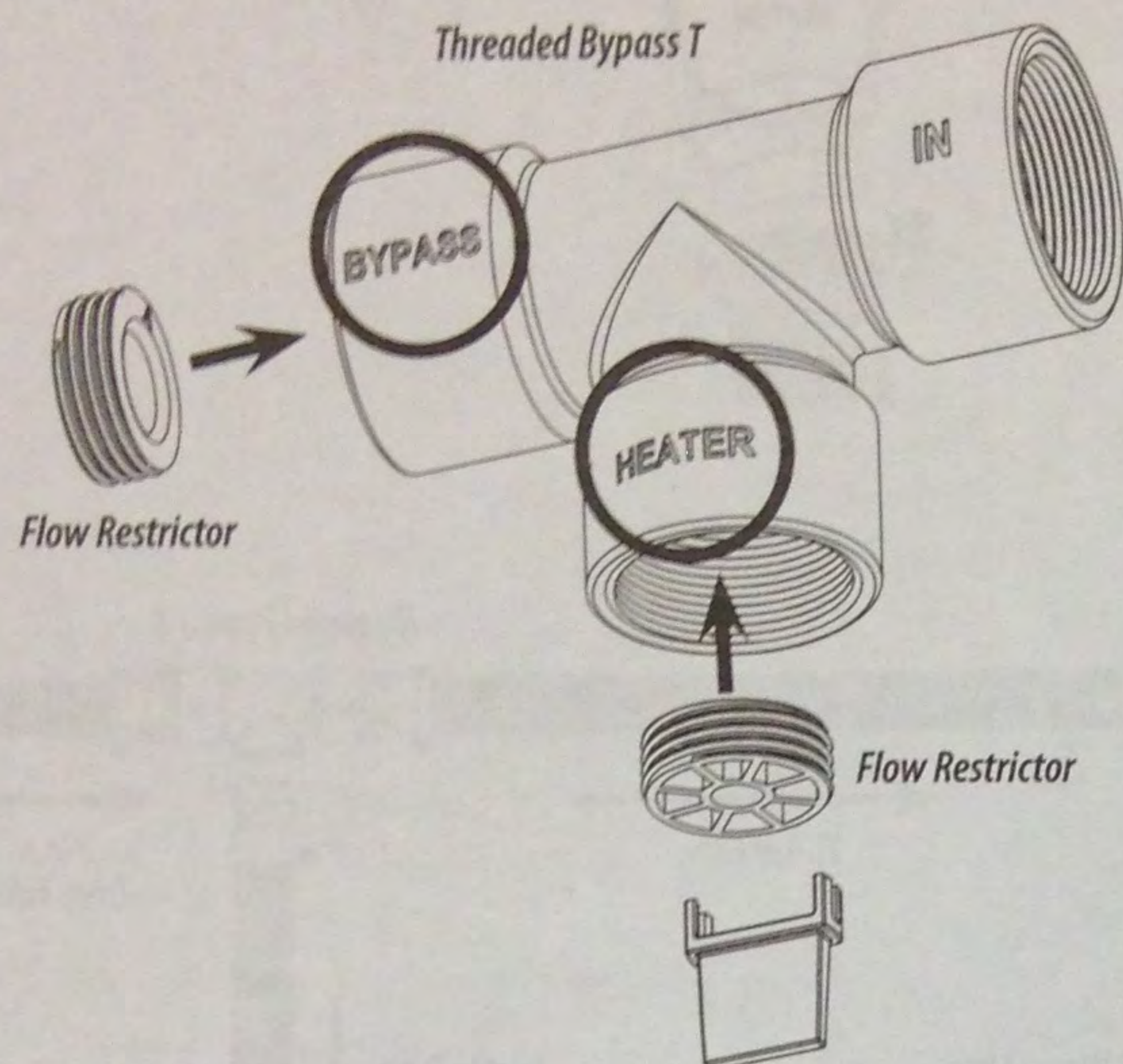
Not to scale

INSTRUCTIONS

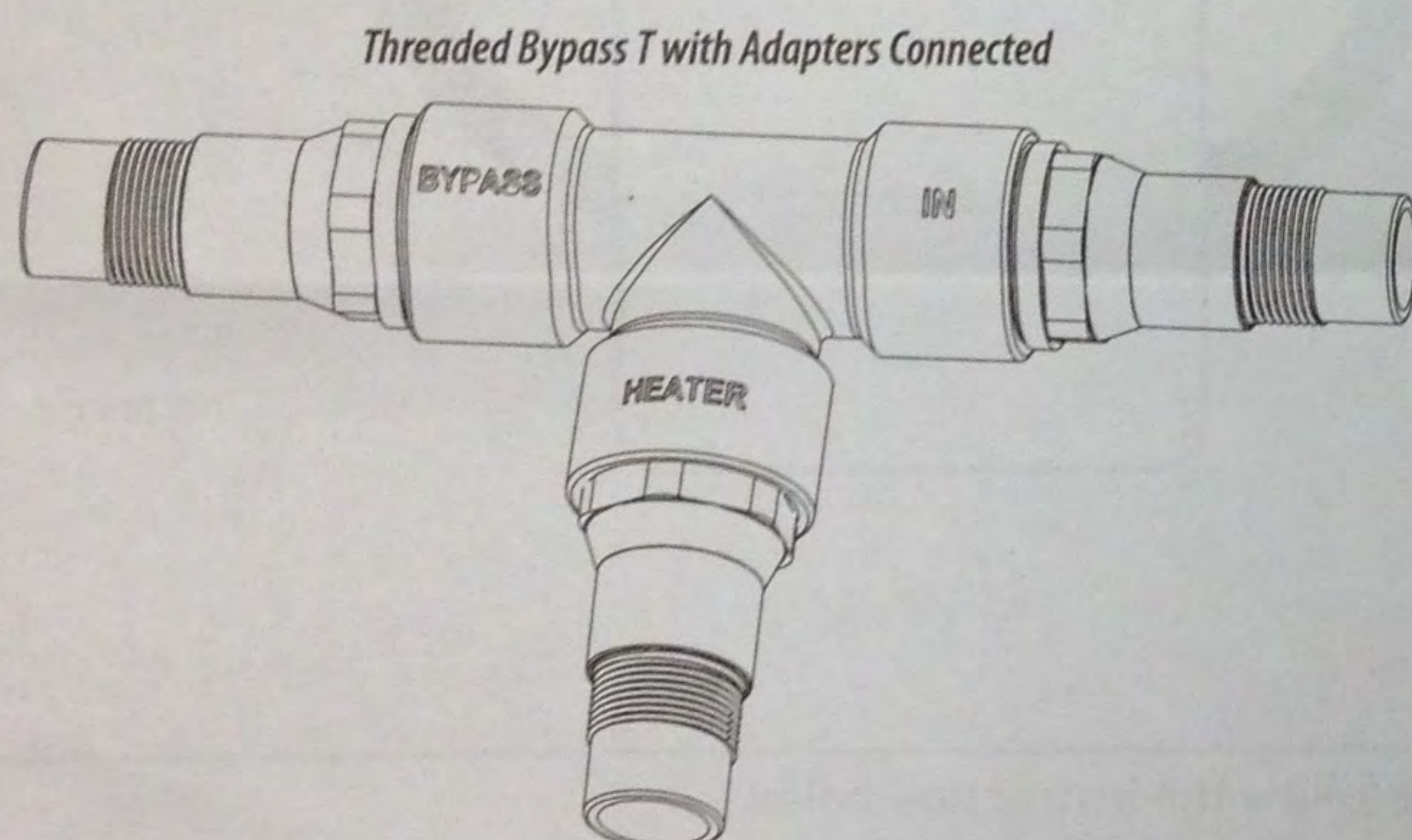
1. Turn off filter/pump and block off water from the pool at filter/pump and pool return connections.
2. Prepare all three threaded adapters by wrapping the threaded ends with Teflon tape.



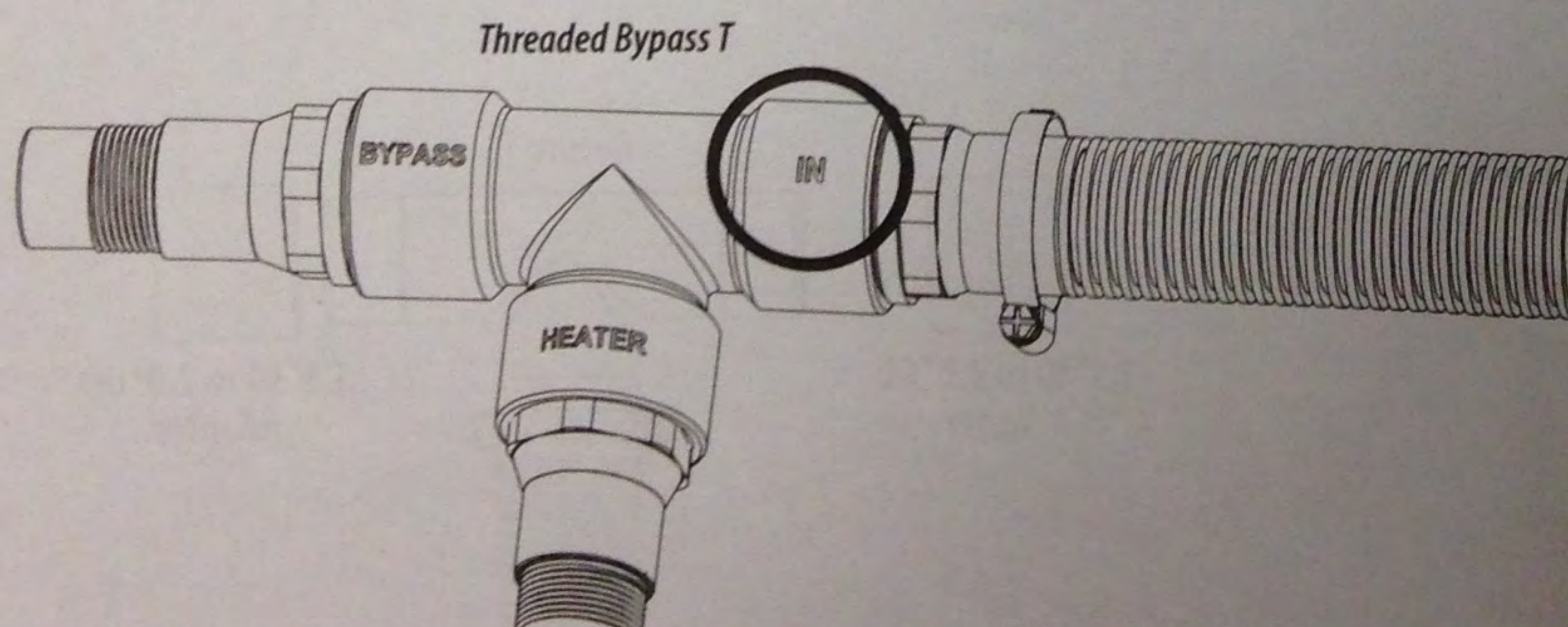
- Using the flow restrictor key, install the flow restrictors into threaded bypass T **HEATER** and **BYPASS** outlets. See chart for suggested water flow restrictors combination for different size pumps and solar heaters.



- Screw the prepared ends (teflon wrapped) of the adapters into the threaded bypass T.



- Detach the pool return hose from the pool.
- Attached the return hose to the threaded bypass T "IN" port, secure the return hose with the provided hose clamp.



Single Heater Setup

Pump Power	Suggested Restrictor Size		Recommended Heater
	To Heater	Bypass	
Less than 1/2 hp	Open (none)	E	SolarPRO EZ
1/2 hp	A	D	SolarPRO EZ or XD1
3/4 hp	B	C	SolarPRO XD1
1 hp	C	Open (none)	SolarPRO XD1 or XD2 or XD3
1.5 hp	D	Open (none)	SolarPRO XD2 or XD3
2.0 hp	E	Open (none)	SolarPRO XD2 or XD3 or XF

Double Heater Setup

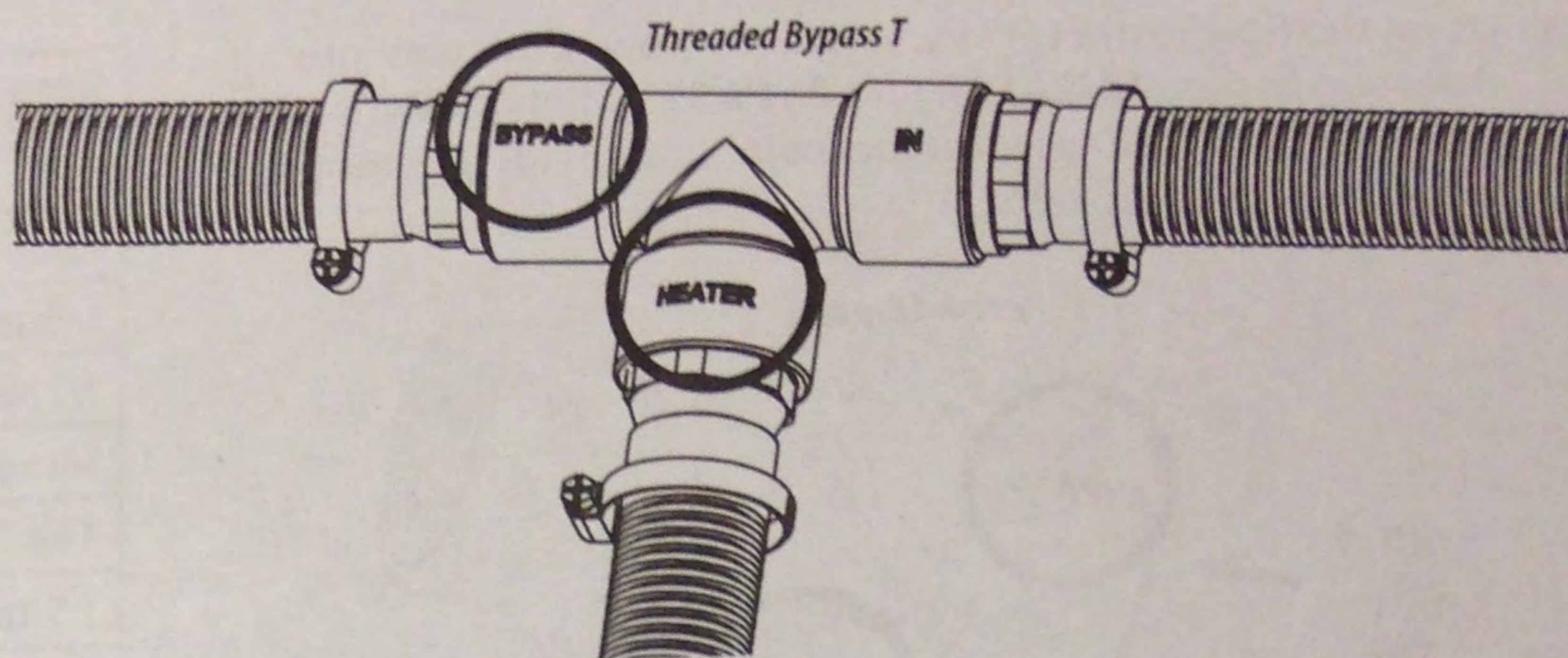
Pump Power	Suggested Restrictor Size		Recommended Heater
	To Heater	Bypass	
Less than 1/2 hp	Open (none)	D	SolarPRO EZ
1/2 hp	B	C	SolarPRO EZ or XD1
3/4 hp	C	B	SolarPRO XD1
1 hp	D	Open (none)	SolarPRO XD1 or XD2 or XD3
1.5 hp	E	Open (none)	SolarPRO XD2 or XD3
2.0 hp	E	Open (none)	SolarPRO XD2 or XD3 or XF

Three or More Heater Setup

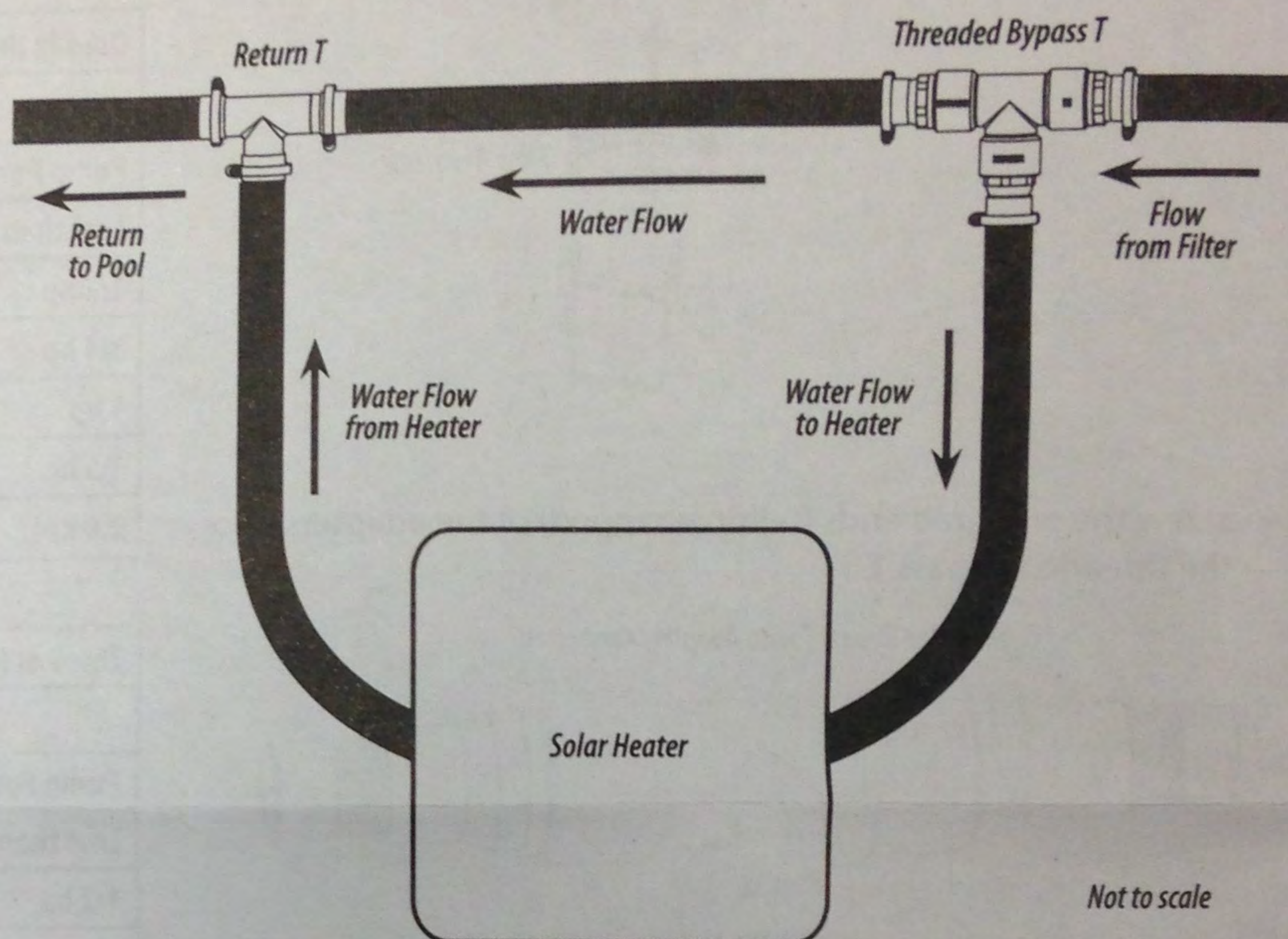
Pump Power	Suggested Restrictor Size		Recommended Heater
	To Heater	Bypass	
Less than 1/2 hp	Open (none)	B	SolarPRO EZ
1/2 hp	B	A	SolarPRO EZ or XD1
3/4 hp	C	Open (none)	SolarPRO XD1
1 hp	E	Open (none)	SolarPRO XD1 or XD2 or XD3
1.5 hp	E	Open (none)	SolarPRO XD2 or XD3
2.0 hp	E	Open (none)	SolarPRO XD2 or XD3 or XF

NOTE: Combinations are recommended, based on average configurations and flow rates. Adjustments may need to be made depending on your setup.

7. Use a flex hose (not included) to connect from the threaded bypass T "HEATER" port to the solar heater inlet and another hose from threaded T "BYPASS" port. Make sure the hose is pushed all the way to the end of the adapter and they are secured by hose clamps.



8. Attached a flex hose (not included) from solar heater outlet to the return T and then from the return T back to the pool as shown.



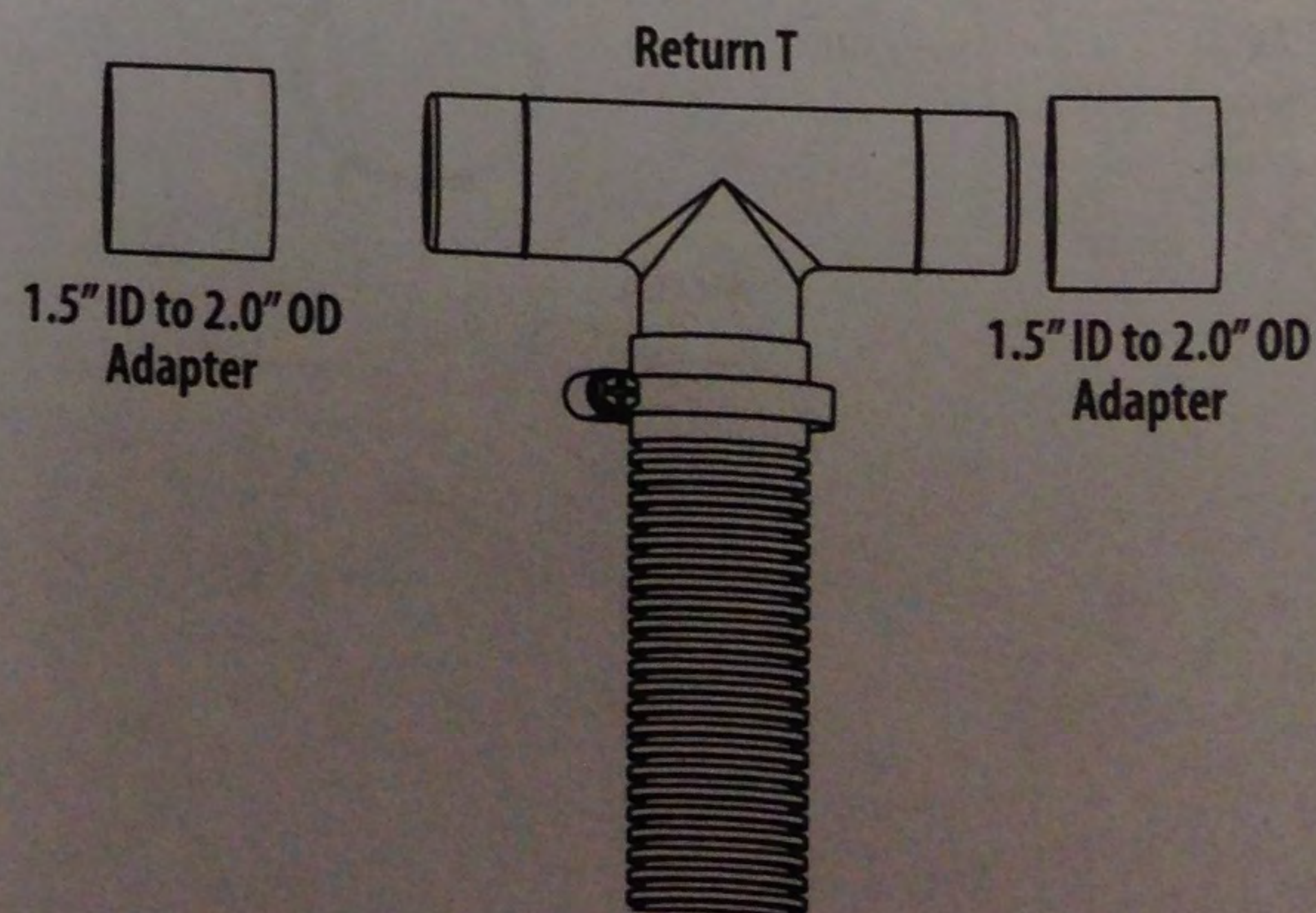
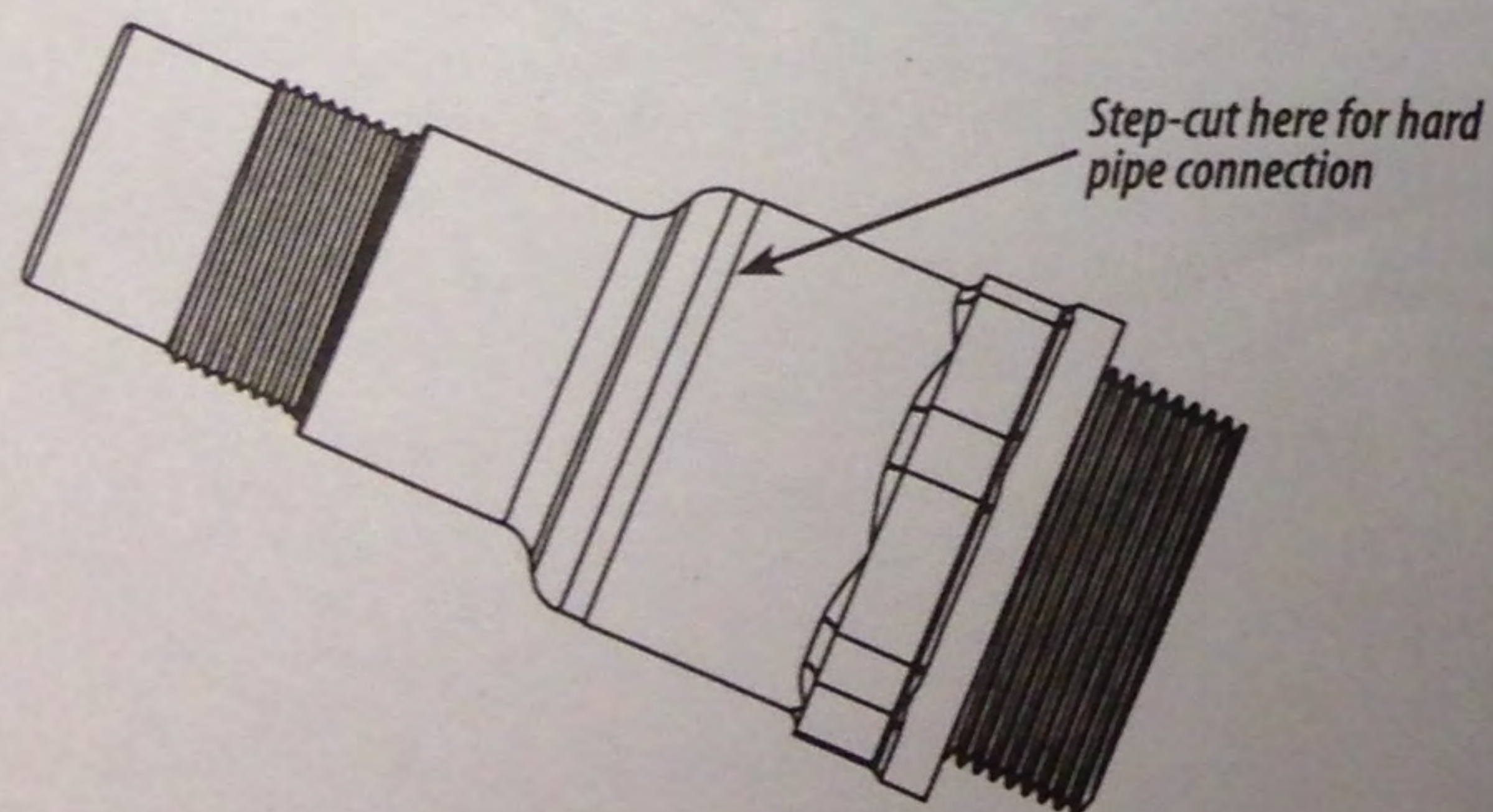
HARD-LINE CONNECTION

If you decide to hard line your bypass kit to 2 inch PVC or ABS pipe please follow the instruction below.

Using a hack saw, carefully cut the threaded adapter by the step on the outside threaded adapter. By cutting this part you will have a threaded adapter that will slip fit into a 2" PVC or ABS pipe.

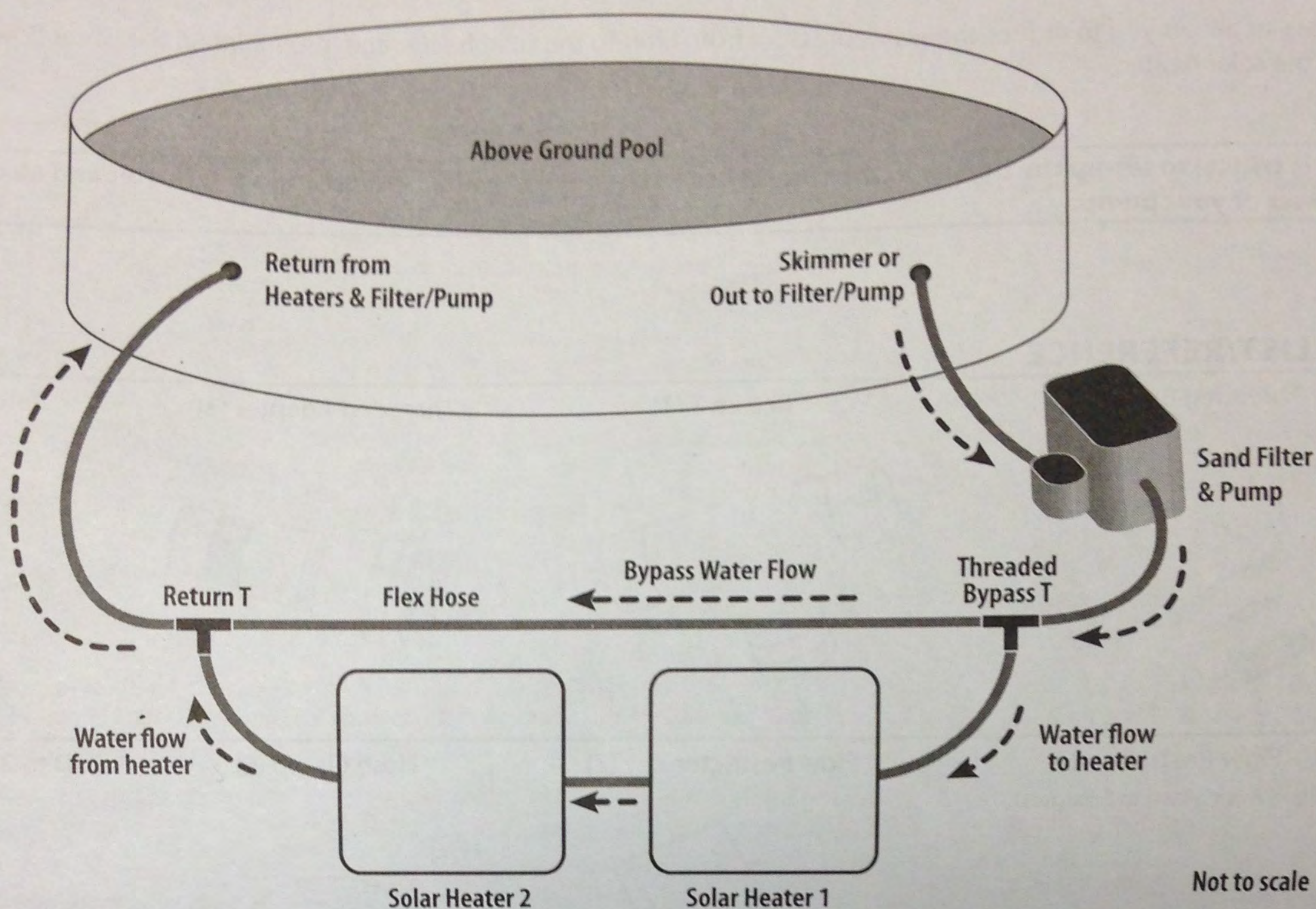
Use the 1.5" ID to 2.0" OD adapters for the return T.

NOTE: Parts are ABS. If connecting to PVC pipe, transitional ABS/PVS cement MUST be used.



CONNECTING MULTIPLE HEATERS

Follow diagram as shown below. Refer to charts for recommended restrictor configuration.



IMPORTANT DO NOT RETURN PRODUCT TO STORE

For technical assistance and missing parts, call Customer Service toll-free

1.888.339.2546

(press 135 at any time)

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