

Instructions for Installation of Pool Connection Assemblies

VEGA 390 THERMAL STORE

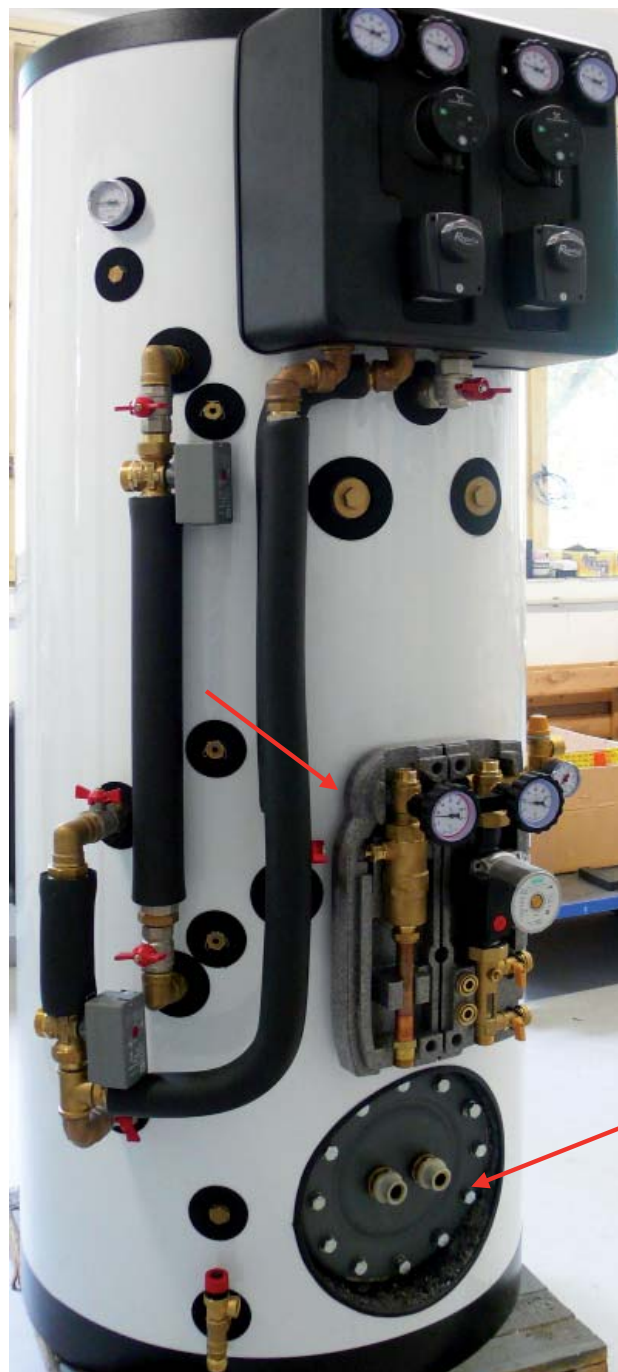


SCOPE OF SUPPLY:

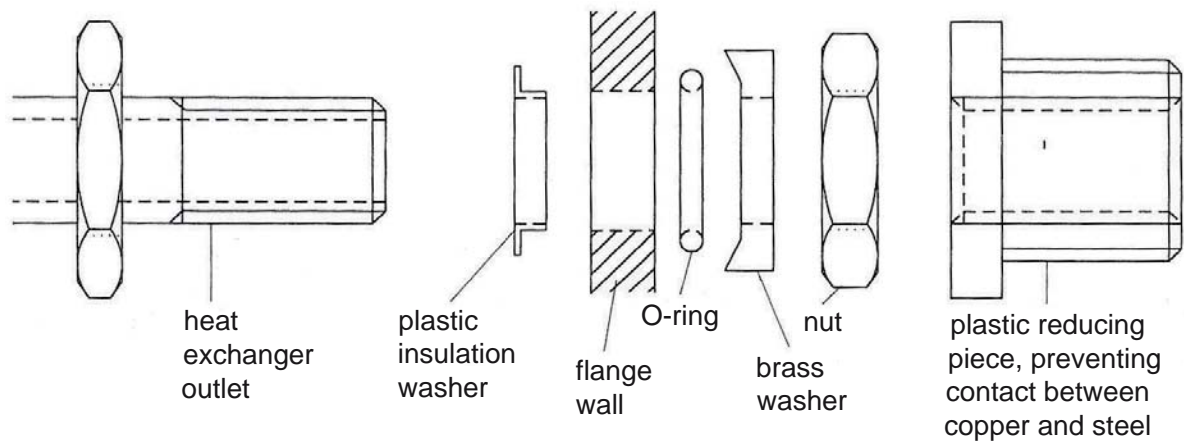
14114 - Connection Kit for Solar Pump Station with Pool

Code	Name	Qty
3012	DN20 Flexible Pipe for water, 100-200 mm long, 3/4" F and M threads	2 pcs
154	Sensor Sheath, 7x8x100 mm, 1/2", for 1 sensor	1 pcs
6447	Insulation DNa 28,13 mm thick (2m)	0.5 m
10845	Capillary Spring, small, 1/2", stainless steel	1 pcs
9978	3/4" PTFE Nut Gasket - 15x24x2 mm	2 pcs
7853	Washer 6.5 (large diam. 3d)	2 pcs
12996	M 6x16 Stainless Steel Bolt (Allen head), DIN 912/A2	2 pcs
7180	T-piece in brass, 3/4" FFF	1 pcs
7697	Reducing Hex Nipple 1"x3/4" M/M, brass	1 pcs
8306	3/4" M/F Elbow, brass	1 pcs
8307	3/4" Radiator Straight Fitting	1 pcs
14104	Zone Valve Assy for Pool, for VEGA 390	1 pcs

1. Fit the Solar Pump Station (code 9909) using 2 bolts (code 12996) and washers (code 7853). Fit the heat exchanger into the flange, see fig.

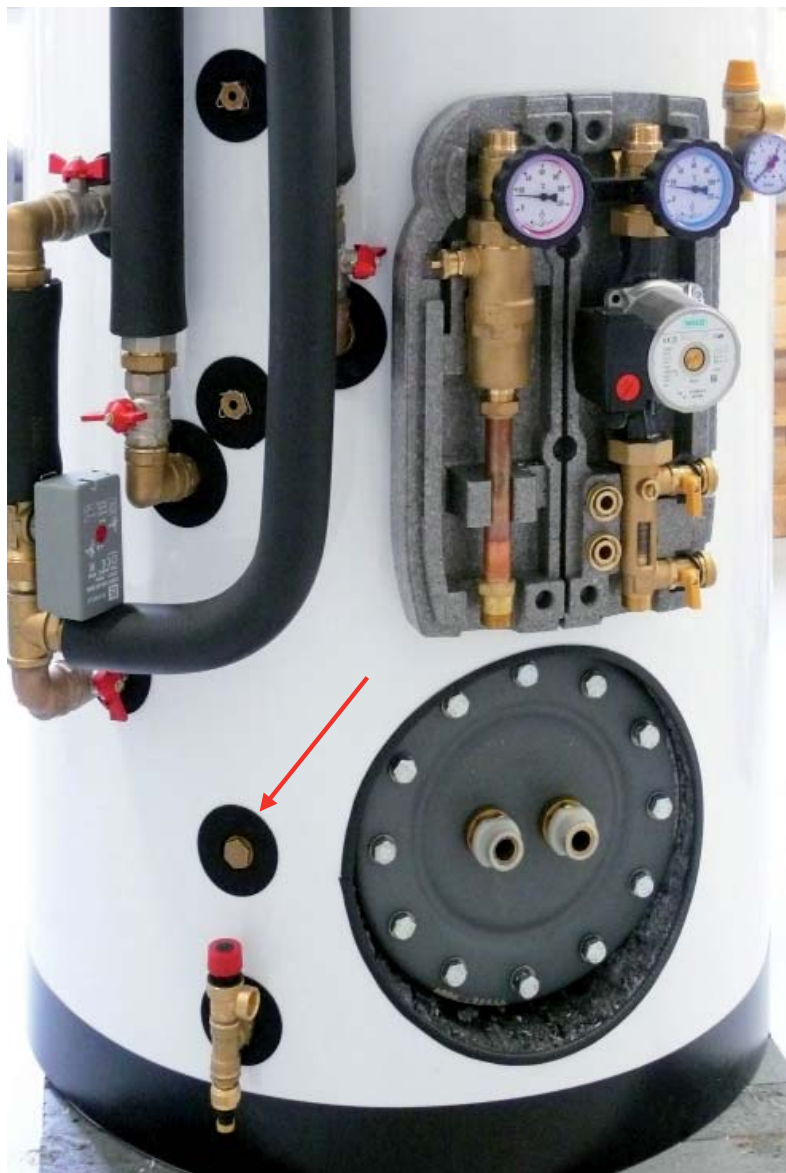


FITTING A HEAT EXCHANGER INTO A FLANGE



2. Stretch the pipes to their preliminary lengths, cut the insulation and slide it onto the pipes:
- two 3/4" pipes (code 3012) to 150 mm, insulation about 250 mm.

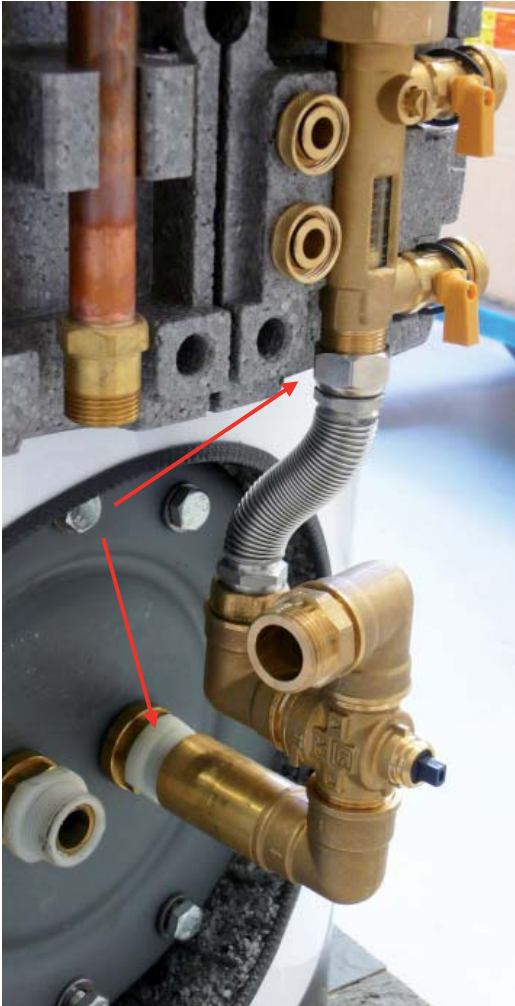
3. Remove the plug and fit the sheath (code 154) with spring (code 10845) in its place.



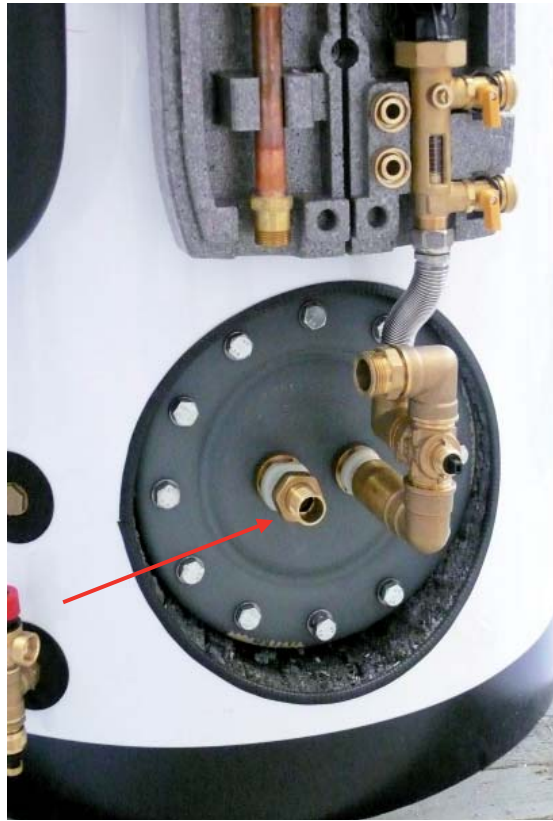
4. Fit the 3/4" pipe (code 3012) to the Zone Valve Assy.



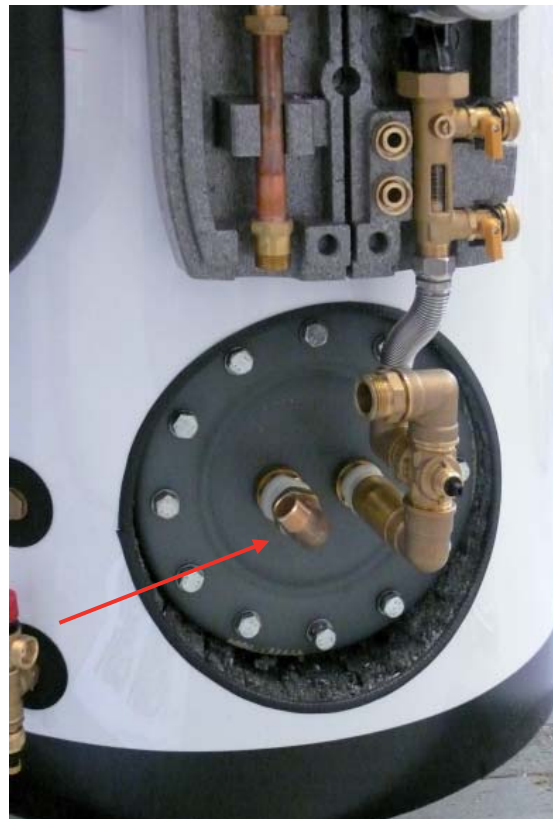
5. Fit the Zone Valve Assy to the heat exchanger and connect it with the Solar Pump Station, see fig.



6. Fit the straight fitting (code 8307) to the heat exchanger, see fig.



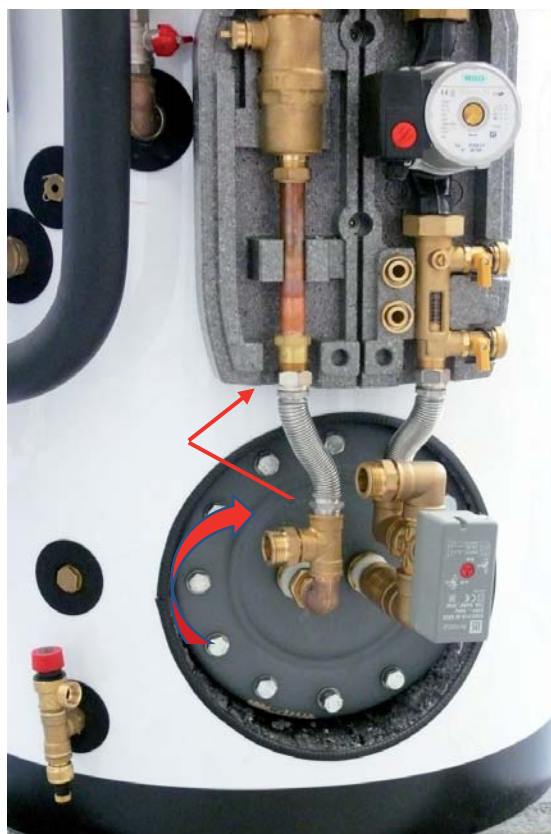
7. Fit the elbow (code 8306) to the straight fitting. Do not tighten the elbow, for better access turn the elbow counterclockwise from upwards by about 45°.



8. Fit the T-piece (code 7180) to the elbow and the reducing hex nipple (code 7697) to the T-piece, see fig. 9.



9. Fit the pipe (code 3012) to the T-piece. Then turn the assembly to a vertical position and attach the pipe to the Solar Pump Station, see fig. Fit actuator onto the zone valve.



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