

Zone Valve Assembly Installation Manual

LYRA 1000 VVS - DVS THERMAL STORE



SCOPE OF SUPPLY

14002- CONNECTION KIT FOR LK525 TO HEATING RETURN, ON LYRA 1000

Code	Name	Qty
13967	LK525 Connection Assy	1 pc
12688	Zone Valve Assy for LYRA	1 pc
6967	1"x3/4" M/M brass hex nipple, thick wall	1 pc
3012	DN20 pipe for water, 100-200 mm long, 3/4" F/M	1 pc
13999	DN25 pipe (5/4" nut), l=490 mm	1 pc
13997	DN20 pipe (1" nut), l=550 mm	1 pc
6447	Insulation DNa 28, 13 mm thick, 2 m	1 m
7187	Insulation DNa 35, 13 mm thick, 2 m	0.6 m

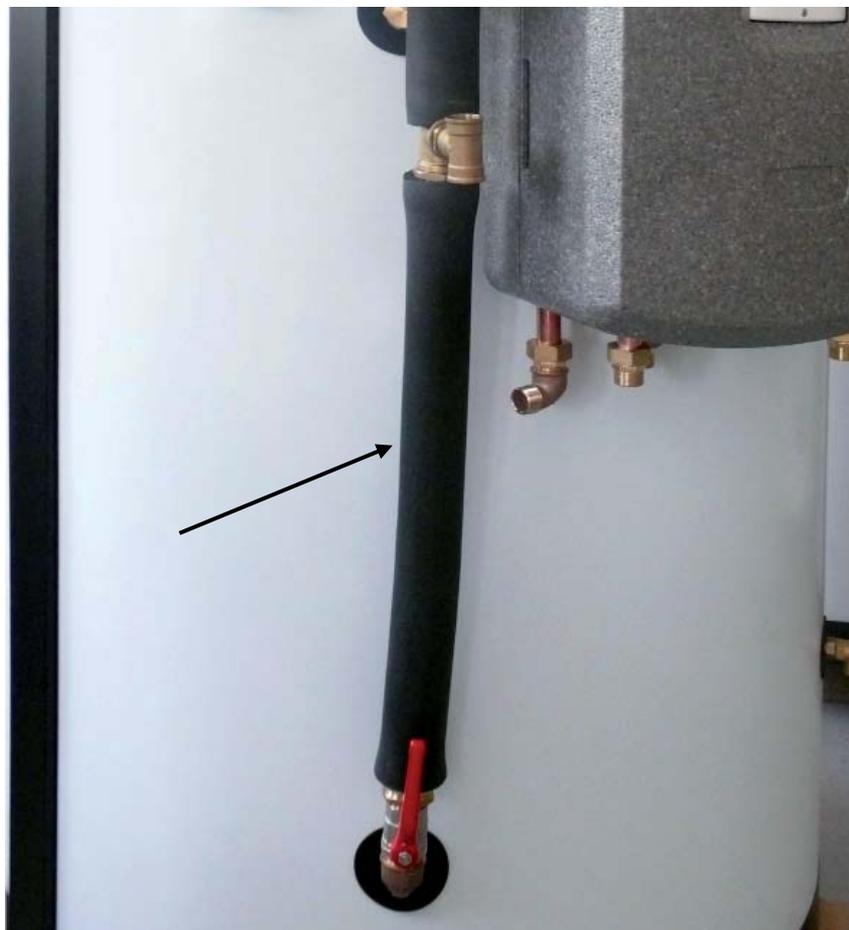
1. Remove the 1" pipe connecting the TSV assembly with the T-piece assy.



2. Remove the 3/4" pipe connecting the freshwater station with the T-piece assy.



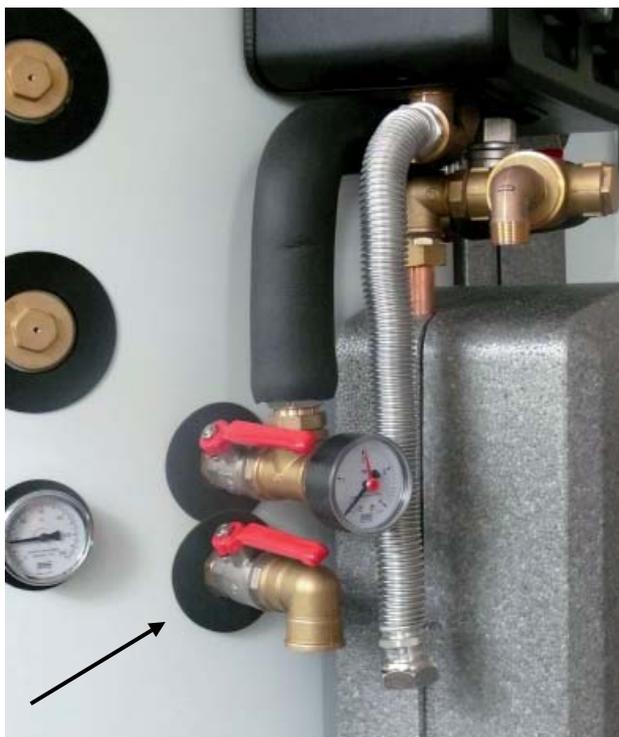
3. Remove the 5/4" pipe connecting the elbow assy with the T-piece assy.



4. Remove the T-piece assy.



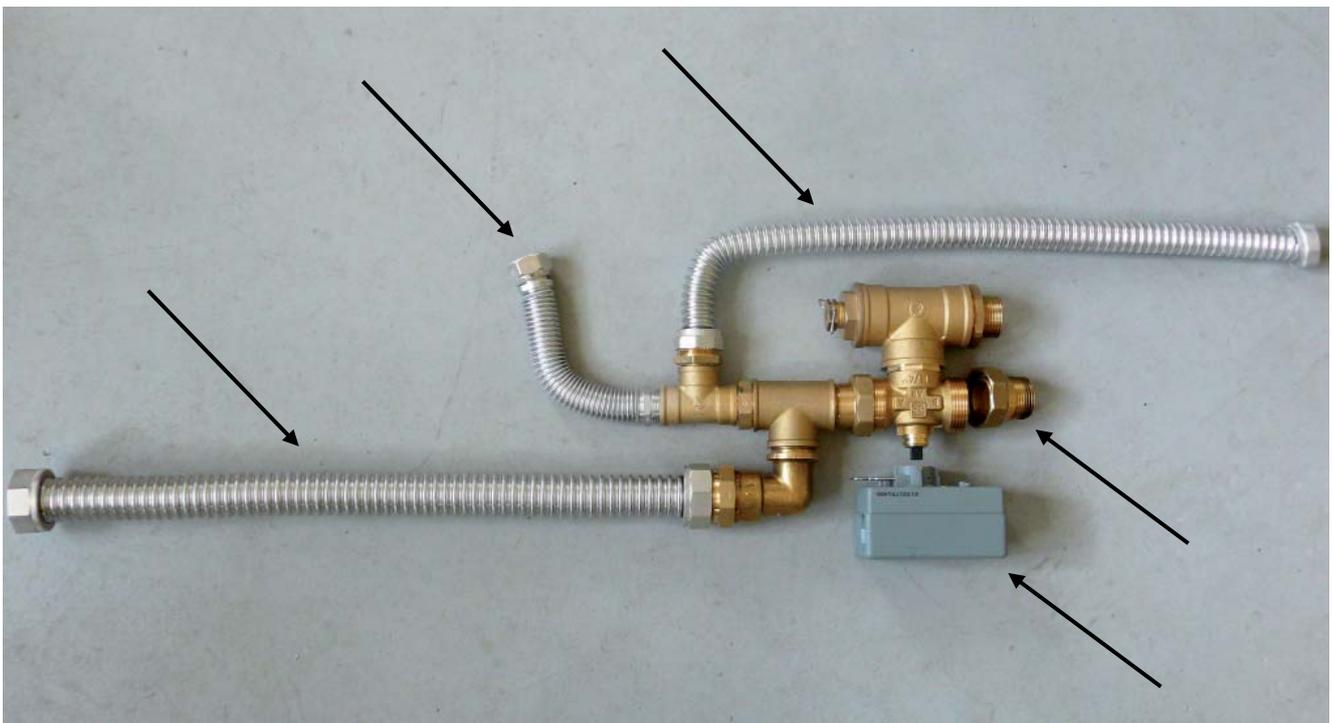
5. Remove the plug below the pressure gauge assy and fit the zone valve connection assy (code 13967) in its place. Remove the handle from the assembly prior to fitting and then return it back.



6. Remove the 3/4" hex nipple from the TSV assy and fit the 1"x3/4" hex nipple (code 6967) in its place.



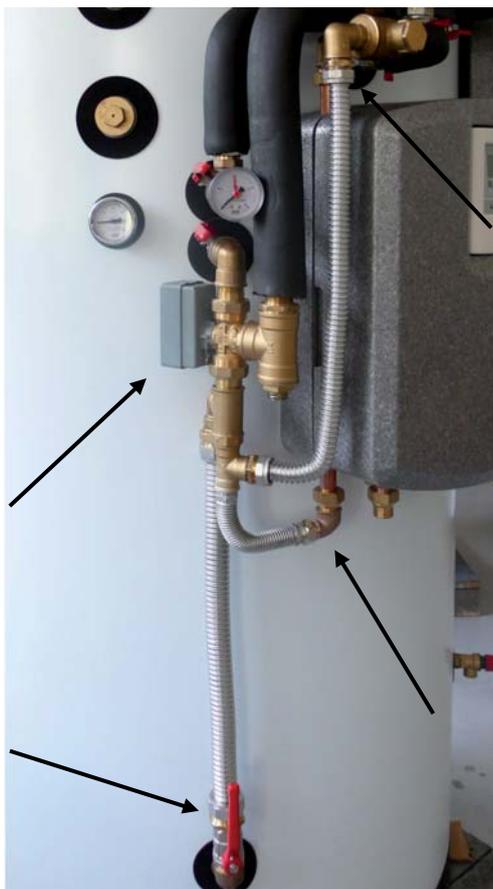
7. Slide insulation onto pipes codes 3012, 13997 and 13999, then fit the pipes to the zone valve assy (code 12688). Remove the actuator from the zone valve and the fittings from the zone valve's B port.



8. Fit the fittings from the previous point to the ball valve assy.



9. Fit the zone valve assy and interconnect it as shown in fig. Fit the actuator onto the zone valve.



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