

Where to install tanks.

Depending on the relative position (level) of every materials supplied with the water/glycol coolant compared to the tanks location, recommendations are as follow:

Case 1.

Tanks are located **over** materials supplied with the coolant..

Only the piping located over the lower coolant level in the coolant reserve requires to be protected against corrosion (see the red line).
Use preferably PVC piping.

Case 2.

Tanks are located **below** materials supplied with the coolant.

Case 2.1. Piping and materials are maintained full of coolant. Two butterfly valves (Vb 1 and Vb 2) maintain materials and piping full of coolant. The first one located downstream the pump, the second one as near as possible the upper header of the tank. These valves are “normally closed” and dependently interlocked to the pump through an adjustable timer.

Case 2.2. A heat exchanger is used to separate the circuits. This heat exchanger has to be located below the lower level of the coolant reserve. The secondary of the Heat exchanger becomes a traditional closed circuit.

Only the piping located over the lower coolant level in the coolant reserve requires to be protected against corrosion (see the red line).
Use preferably PVC piping

