

Slab tank mounting & Coolant reserve.

- The slab tank mounting has to support 600 kg per cubic meter of tank volume. It requires an even surface around the tank to install the lifting cylinders for the tank mounting. The band should be 0.5 meter wide (0.1 meter inside the tank and 0.4 meter outside).
- The coolant sprayed over the IC through nozzles mounted on the upper header at the top of the tank flows by gravity towards the bottom. Also, to balance the coolant inertia, it needs to install a coolant reserve located in the tank's bottom or below the tank's bottom to avoid the unpriming of the pump.
- The floor slabs can be designed as follow:
 - **A.** a raised floor slab equipped with a vertical outlet. A slope $>$ to 3% allow the coolant to flow towards the outlet. The coolant reserve vessel is located below the tank's bottom. The minimum coolant reserve capacity required is **0.4 L / kWh (1.4 L / TRh)**.
 - **B.** a floor slab equipped with an horizontal outlet. No slope is required. The coolant reserve is included into the ICs tank and the lower coolant level must be always over the outlet piping.
 - **C.** a floor slab equipped with a vertical outlet. A slope $>$ to 3% allow the coolant to flow towards the outlet. The coolant reserve (**0.4 L / kWh or 1.4 L / TRh**) is located below the ground level.

