

A.3.6 Installation under the waterline

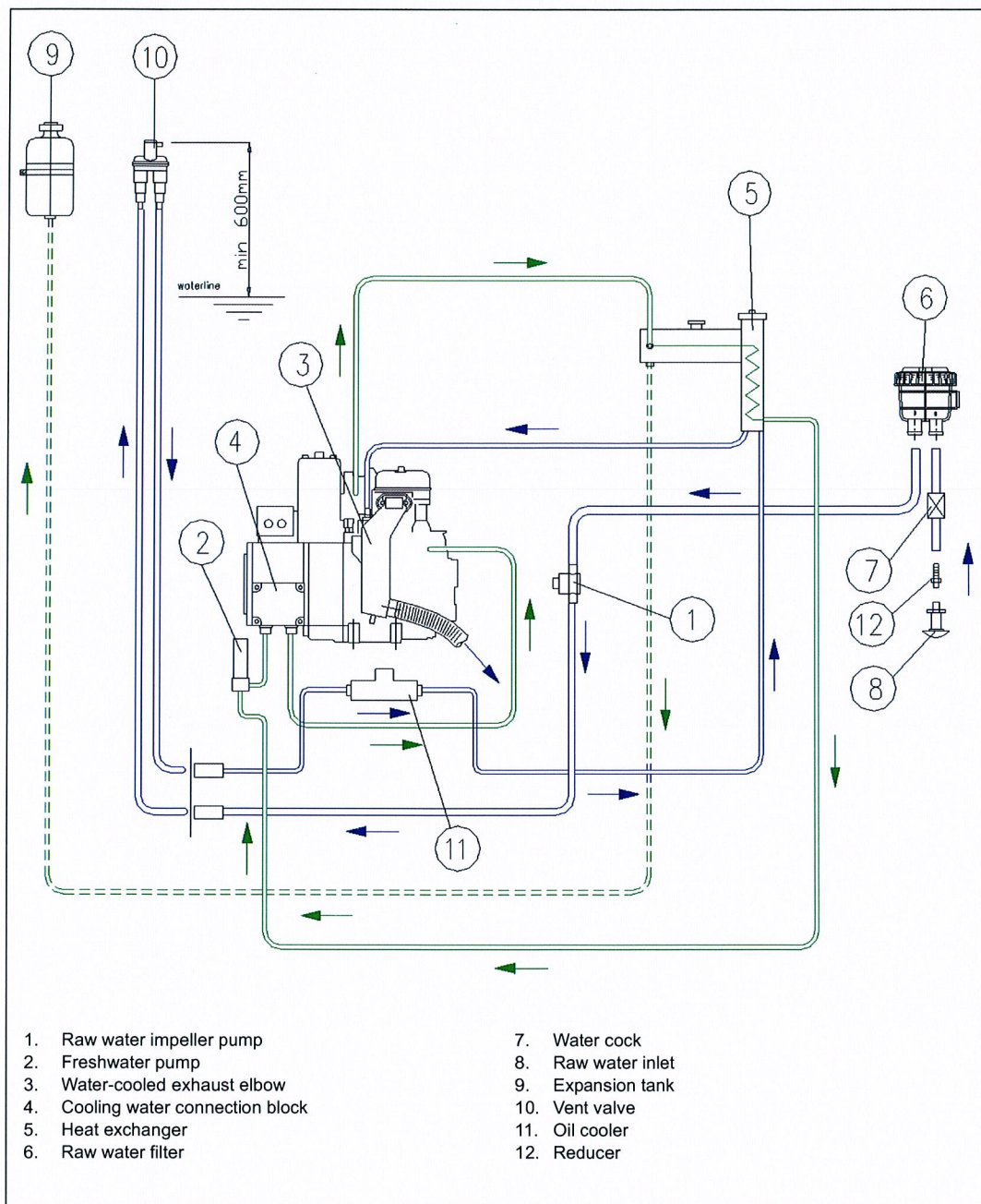


Fig. A.3.6-1: Installation example under the waterline



A.3.7 Installation over the waterline

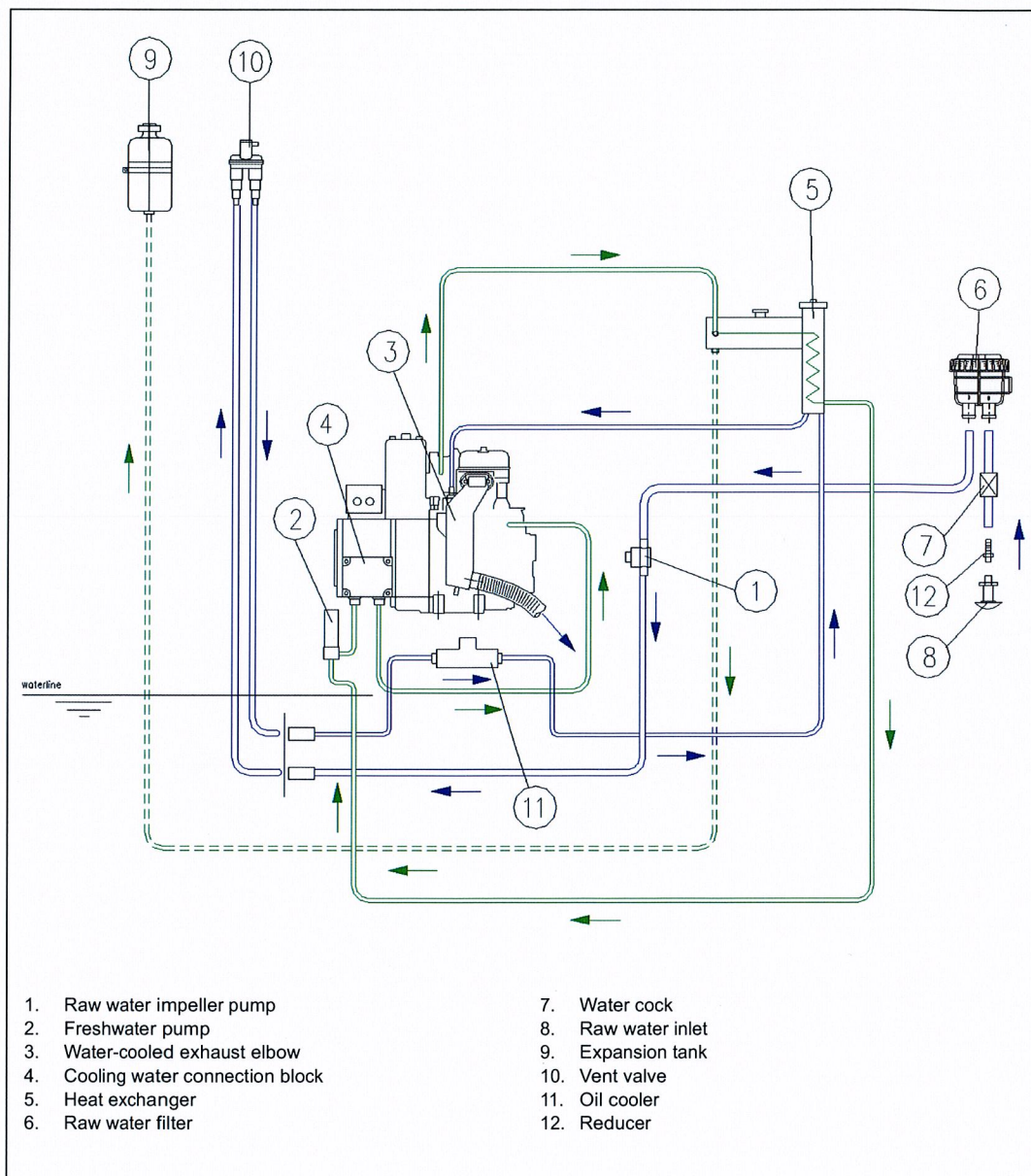


Fig. A.3.7-1: Installation example over the waterline

A.4 The Freshwater - Coolant Circuit

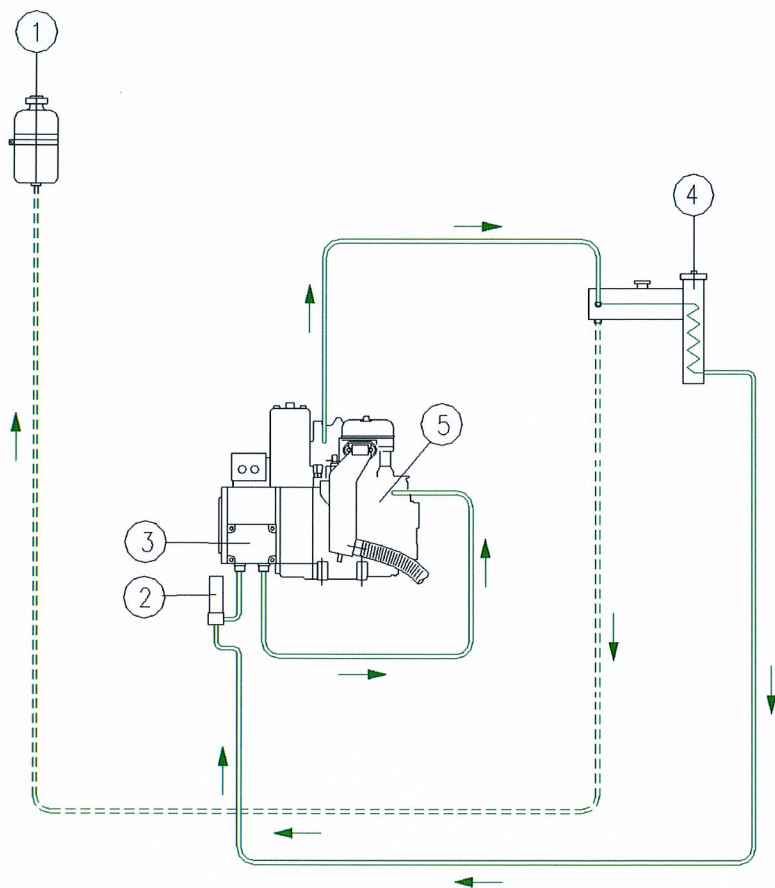
A.4.1 Position of the external Cooling Water Expansion Tank

The coolant expansion tank for the internal cooling system is to be mounted externally. The additional advantage of controlling this tank externally is achieved without having to remove the sound insulating capsule. The tank is made of a transparent material so that the coolant level is visible.

The connection between the coolant tank and the generator must be a heat-resistant rubber hose with an internal diameter of 10mm. It must be insured that the hose inclines continually upwards, when fitted, to ensure that existing air bubbles in the system can rise. The coolant tank must be mounted above the water line (the higher, the better).

Should it not be possible to place the cooling tank directly above the generator by using an upwards inclining hose because of lack of space, at least during running operation, i.e. while filling the generator. Experienced fitters therefore suspend the water compensation tank with an upwards inclining hose at least one meter above the generator, so that it can be placed in its final point of destination later.

A.4.2 Scheme for freshwater circuit



- 1. Cooling water expansion tank
- 2. Fresh water pump
- 3. Coolant connection block

- 4. Heat exchanger
- 5. Engine Farymann

Fig. A.4.2-1: Scheme for freshwater circuit