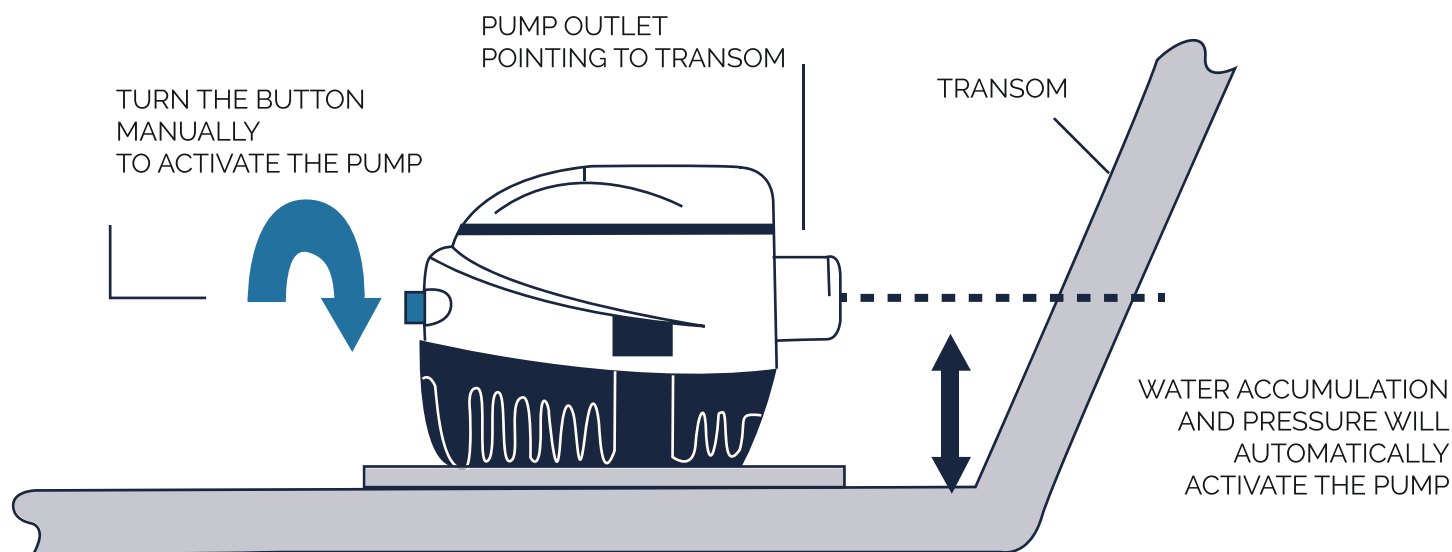


3. BILGE PUMP AND WATER DRAINAGE

The Fantail 217 is equipped with an automatic bilge pump. The pump is located in the bottom of the hull, just underneath the stowable panel.

The pump can be activated manually, by pushing the bilge pump switch located on the control panels or is activated automatically by the accumulation of water and water pressure. See the graphic below.



THERE ARE THREE MAJOR REASONS WATER CAN ACCUMULATE IN THE BOAT:

1. THROUGH CONDENSATION AND EVAPORATION OF WATER

Water can accumulate in the flotation tanks. This happens more frequently in the spring when water is still cold and the air gets warmer. Remove drain plug (1) from the stern flotation tank located behind the rear seat. See picture above.

2. WATER CAN INFILTRATE THE BOAT BOTTOM THROUGH CRACKS IN THE HULL OR THE KEEL

If this occurs, have your boat checked immediately and repairs done at your nearest service centre.

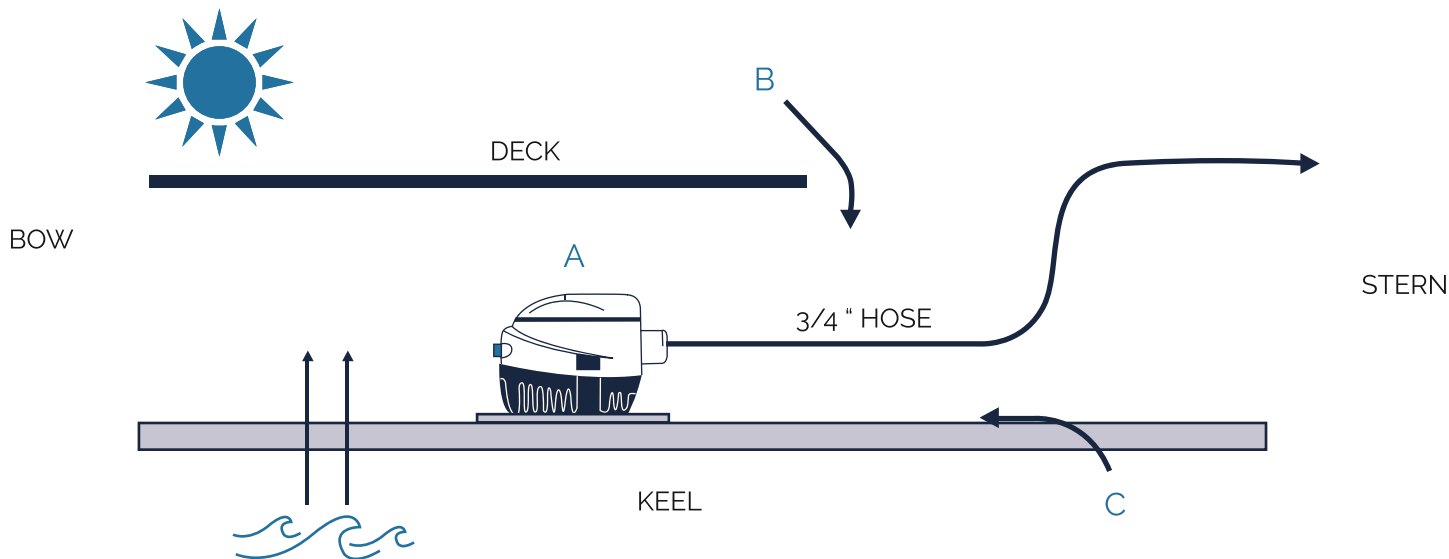
3. HEAVY STORMS CAN FLOOD THE COCKPIT

Always carry a manual bailing device. Even if the bilge pump has a capacity of 1,000 gallons/hr (4,158 litres/hr), storms can sometimes be very powerful and flood the cockpit, even when the pump is pumping out water at full capacity.

The water is expelled by the bilge pump towards the stern through $\frac{3}{4}$ " hose that runs all the way to the tilt compartment. See picture above..

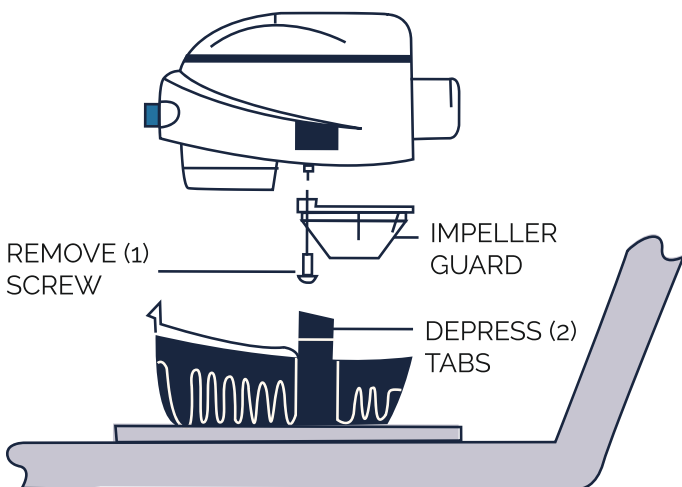
3. BILGE PUMP AND WATER DRAINAGE

DIAGRAM OF BLIGE PUMP AND DRAINAGE SYSTEM



- A - Automatic of 1,100 gallons/hr or 4,158 liters/hr
- B - Heavy storms could easily flood the cockpit
- C - Cracks in the hull will permit water infiltration into bottom

CARE AND MAINTENANCE OF BLIGE PUMP



- Occasionally check your pump to be certain debris is not jamming the impeller and/or float within the housing. Use the test knob by rotating in a clockwise direction. Careful attention will guarantee outstanding pump performance.
- To clean the water chamber, remove pump housing from the mounting base by pressing in tabs on sides. Lift the pump housing away.
- To clean the impeller, remove the impeller guard screw and lift the impeller guard.
- Remove all debris that has accumulated in pump chamber and around the impeller. Ensure that all debris is removed from strainer slots around the pump base.
- Inspect the impeller to ensure that it is firmly attached to shaft and is not cracked or broken.
- Replace impeller guard, screw, and pump housing on base.
- Be certain that all tabs are fully engaged.
- Periodically check the electrical connections to ensure they are water-resistant and mounted high and dry.
- Do not use household cleaners on the pump because many of them may damage the pump materials.