

SB: **Water Distributor automatic**

Article : **1197**



Reason: **Service solution for “no correct switching function”:**

Depending on the water pressure build-up of the pump and the kind of the cpl. installation it can happen that the water distributor doesn't switch to the correct outlet.

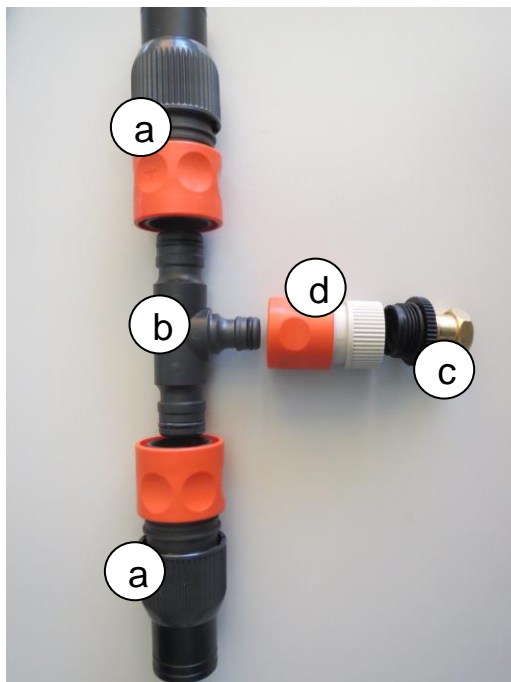
Background: The water distributor needs a minimum of 1 bar for a correct switching function. If the pressure is not constant and drops down below this value even for half a second then this is the command to switch next.

Solutions: To minimize the risk of pressure variations and to prevent that they will reach the water distributor the following points should be noted:

- ✓ The suction side must be absolutely tight that no air can enter the system.
- ✓ The connection between pump and water computer should be made of sprinkler pipes (no garden hoses) and should be as short as possible

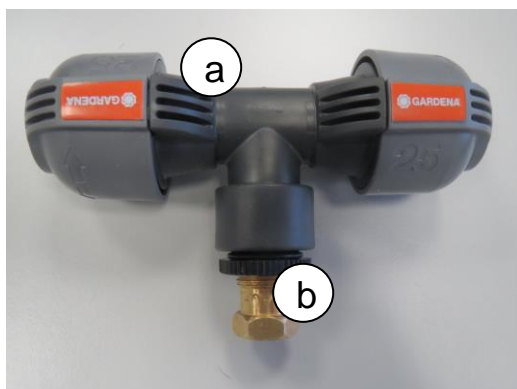
- ✓ To prevent that these pressure variation can reach the water distributor, a drainage valve can be implemented between water computer and water distributor to “absorb” the first pressure peak on the start of the pump:

Needed parts for implementing drainage valve into the system:



parts for 3/4" garden hoses:

- Ⓐ 2835 t-coupling
- Ⓑ 2817 hose connector
- Ⓒ 2760 drain valve
- Ⓓ 6918-00.100.00 hose connector modified*



parts for Sprinkler System:

- Ⓐ 2790 t-piece
- Ⓑ 2760 drain valve

* **Modification of part 6918-00.100.00:**

→ Take out the valve parts by removing the gasket, cut off the collar from the valve seat and reassemble the parts !

