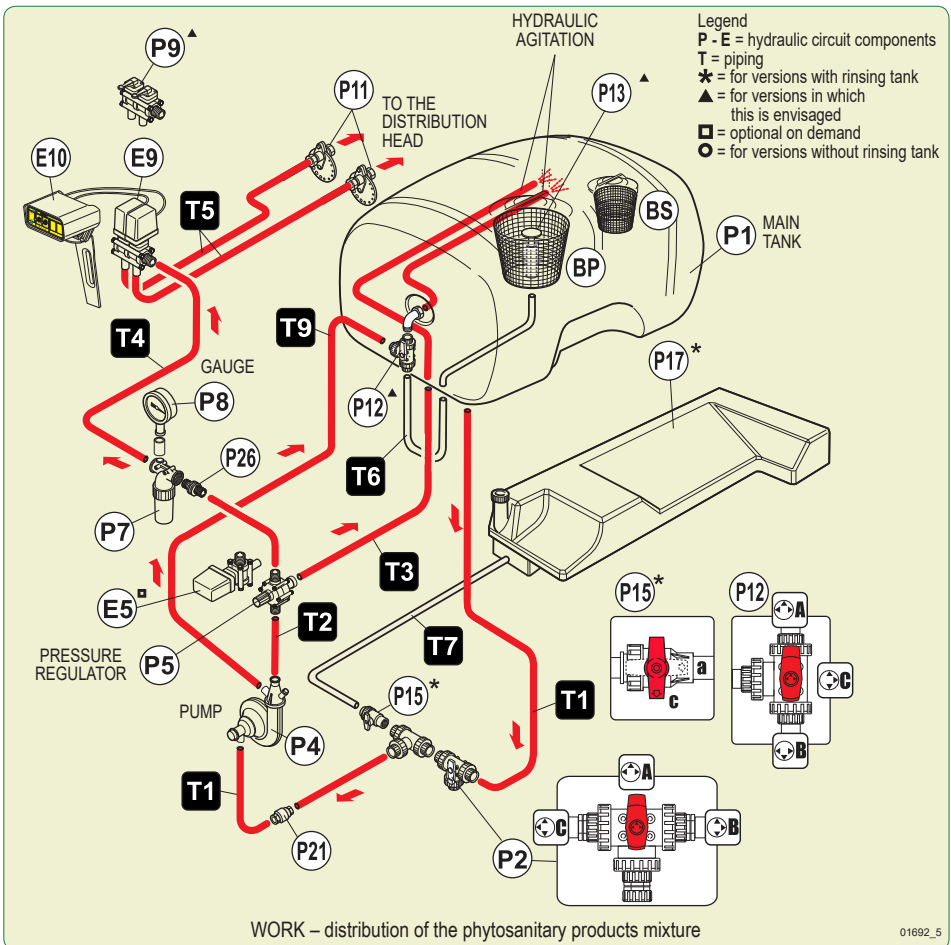


4.3 HYDRAULIC CIRCUIT

4.3.1 Operating principle

WORK – The tank (P1) contains the mixture that must be distributed to the area being treated. The tank (P1) is connected to the pump (P4) via 3-way tap (P2). With tap (P2) in position “A”- WORK and (P15) in position “c” - CLOSED, the mixture is drawn by the pump (P4) and sent to the pressure regulator (P5), and then through filter (P7) to the distribution device (sprayhead).

The regulator (P5), together with the position of the rotating disc regulator (P11), allows the sprayer’s supply pressure to be adjusted so that the desired distribution in litres/hectare is achieved. Excess liquid supplied by the pump through pipes (T3) and (T9) is conveyed into the tank to keep the mixture constantly agitated.



The delivery filter (P7) is located downstream of the regulator (P5) on the delivery to the distribution device (sprayhead). From the filter, the mixture travels through pipe (T4) to the electrical distributor (E9) (or manual P9, where envisaged) which, if open, enables the mixture to be distributed. The connection for pressure gauge (P8), which checks the distribution pressure, is fitted to the body of the filter (P7).

MIXING - Pipe (T6) connects the delivery of pump (P4), through tap (P12) to the powder mixer of the main filler (where envisaged). If necessary, close tap (P24) to increase the flow rate to the mixer.

