

TROUBLE SHOOTING - CJC™ FILTER SEPARATOR

| Trouble | Cause | Remedy |
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| Control automatically stops filter pump without pressure gauge indication of max. pressure. | Pressure gauge is defect Pressure switch adjusted to too low pressure | Replace pressure gauge Adjust break point of pressure switch as follows: Turn down filter outlet valve to almost zero outlet. Start the filter pump and observe on pressure gauge at which pressure the switch breaks pump power circuit. Loosen lock nut on pressure switch adjustment screw and turn screw clockwise (to max. pressure). Open outlet valve entirely and restart pump. Now close outlet valve slowly until desired stop pressure is monitored on pressure gauge (approx. 2.3 bar). Turn adjustment screw clockwise until pump stops. Span lock nut. |
| Pressure gauge shows no pressure though filter pump is running. | Oil level in tank is below pump suction level. There is a by-pass in filter insert. | Fill settling tank or change over to another storage tank. Check that suction pipe is correctly fitted (lowest possible point). Filter insert check is only possible when filter unit is stopped and housing dismantled! Check that spring nut has been tightened correctly. If yes, filter insert must be dismantled for checking that all insert guides, spring guides etc. have been placed correctly and that all o-rings are whole and tight. Replace damaged and defective parts - if necessary the entire filter inserts. |
| Lamp HIGH LEVEL remains lit | Solenoid valve does not open. Water content in oil too high: separator water discharger cannot keep up. | Clean or replace solenoid valve. Drain water off settling/storage tank manually. |
| Lamp NO WATER remains lit | Solenoid valve does not close after all water has been discharged. | Check solenoid valve - replace if necessary. It is important that valve closes tightly - otherwise oil will leak through water discharge system. |
| Lamps ERROR and START / RUNNING are both lit - filter unit is working normally (normal water level). | An ERROR condition in water discharge system has been settled 'automatically' (e.g. low water level). | Reset ERROR indication by stopping and restarting filter pump. |

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| <p>Just ERROR lamp is lit.</p> | <p>Pressure drop over filter insert too high (insert full) and pressure switch has stopped unit.</p> <p>Defect in electrical system</p> | <p>Turn main switch to OFF and then to ON, and restart filter pump by pushing START. When filter pump is running again check that pressure gauge indicates pressure drop of min. 2 bar before pressure switch stops pump again. If affirmative replace insert.</p> <p>If it is impossible to restart pump, there is a fault in electrical system (burned fuse or thermal relay off). To check open control box. This will also give access to thermal relay reset button. For fuse identification see electrical diagram.</p> |
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