



FTSK4 REMOTE FUEL SYSTEM

This option provides the automatic transfer of fuel from a free standing bulk fuel tank. It is only used if gravity feed is not possible from the bulk tank to the basetank.

When set to automatic, low fuel level in the basetank is sensed by the fuel level sensor. The DC motorised valve is opened and the pump begins to pump fuel from the bulk tank to the basetank through the supply line. To help ensure that clean fuel reaches the engine, fuel from the bulk tank is strained just prior to the motorised valve. When the basetank is full, as sensed by the fuel level sensor, the pump stops and the motorised valve is closed. Any overflow into the basetank or overpressure in the basetank will flow back to the bulk tank via the extended vent.

SYSTEM REQUIREMENTS

- Bulk fuel tank (item 1) above ground*
- Control panel (item 2)
- DC motorised fuel valve (item 3)
- AC fuel pump (item 4)
- Fuel level switches in the basetank (item 5)
- Fuel supply line (item 6)*
- Extended vent/return line (continuous rise) on the basetank (item 7)*
- Fuel strainer (item 8)
- Isolating valve at the bulk tank (item 9)*
- Level gauge (item 10)

*No included

HEIGHT RESTRICTION BETWEEN BASETANK AND BULK TANK

A – Pressure head on basetank

- Distance 'A' limited to 1.4 metres for all metal fuel tank bases except for models GEP400-4 – GEP750-1, where 'A' can be increased to 3.7 metres.

B – Depth of the bottom of the bulk tank below floor level

- Maximum 3 metres