



Water & Sewage
Pumping and
Treatment Engi-

The Pump People.

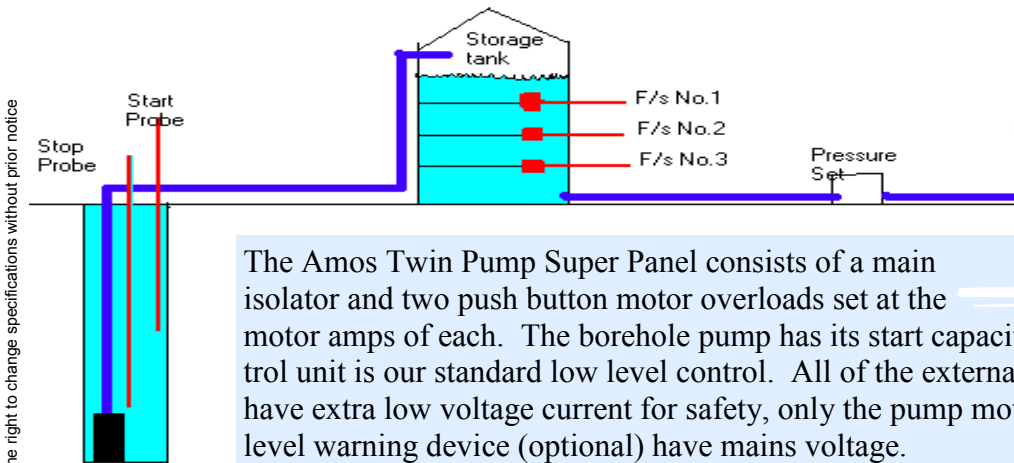
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Twin Pump Super Panel

*****Technical Data

The Amos Twin Pump Super Panel is designed to operate two pumps on the same water system and to be linked with information to enable them to work as one integrated unit

The illustration below is using this panel to operate a submersible borehole pump with low level probes to deliver water into a storage tank, when the water level in the storage tank drops, float switch no.1 is activated, this causes the borehole pump to run provided there is water in the borehole, if there is not it will wait until the top probe is covered before starting and will stop when the tank is full. If the demand from the pressure set (or pump discharging from the storage tank) is more than can be supplied from the borehole pump (or pump filling the storage tank) the water level will drop until the float switch no.2 is activated, this will energise a buzzer in the panel and cause an external alarm to be activated (optional equipment). If the water level continues to drop the last float switch will disengage power to the pressure set thereby stopping it from running dry and causing damage. Once the water level is restored all systems work as normal.



The Amos Twin Pump Super Panel consists of a main isolator and two push button motor overloads set at the motor amps of each. The borehole pump has its start capacitor enclosed and the level control unit is our standard low level control. All of the external probes and float switches have extra low voltage current for safety, only the pump motors and the external low water level warning device (optional) have mains voltage. The panel is adaptable and can be used for various jobs, ask our sales team for further information .

Manufacturers reserve the right to change specifications without prior notice

Leaflet Twin PSP-Jan02