

## Hydropulse S18P and S18P

### Operating parameters

Duty	Hydropulse S18P	Hydropulse S18B
Electrical supply	230vac 60hz	230vac 60hz
Flowrate	18m <sup>3</sup> hr	18m <sup>3</sup> hr
Process	Chlorine probe & proportional dosing pump	Batch treatment
Alarms	Local only	Local only
Chemical storage tank	Direct from chemical drum	Direct from chemical drum
Zone rating	Safe area	Safe area
Earth point	Yes	Yes
Non return & pressure relief	Yes	Yes
Temperature	-5 deg C/ 50 deg C	-5 deg C/ 50 deg C
IP rating	IP56	IP56
Weight	175kg	167kg
Bund	25 litres	25 litres

### Hydropulse S18P

The OWM Hydropulse S18P circulation and dosing package is designed to allow for potable water tanks to be recirculated or transferred while also monitoring the chlorine content and dosing a precise amount of Sodium Hypochlorite from a 5 to 25 litre drum housed in a 25 litre bund stand on the package by means of electronically operated metering pump. The chemical metering pump model fitted to the package is the Prominent Beta. This package reduces the crew interaction required for ensuring the chlorine content level is kept accurate.

Package incorporates the following:

- 18m<sup>3</sup>hr recirculation pump 2"
- Control panel 230v – 50hz
- Chlorine probe
- Probe housing
- Dosing pump
- Injection point
- 25 litre chemical bund
- Foot valve and accessories
- Pressure relief valve
- Sample point
- All fittings and cabling for skid
- Lifting points

### **Hydropulse S18B**

The OWM Hydropulse S18B circulation and dosing package is designed to allow for potable water tanks to be recirculated or transferred while also dosing a precise amount of sodium hypochlorite from a 5 to 25 litre drum housed in a 25 litre bund stand on the package by means of electronically operated metering pump with preset

batch treatment. The chemical metering pump model fitted to the package is the Prominent Gamma. This package requires more interaction from the crew for ensuring the chlorine content level is kept accurate.

Before each tank recirculation takes place, the crew would be required to calculate the correct batch treatment and set up the pump. For example, if there is 100m<sup>3</sup> in the tank then this will have a recirculation time of approximately 5 ½ hours, if the chlorine level in the tank is 0ppm then 100ml x 5% sodium hypochlorite would be required to treat to 0.5ppm. the pump would then need to be programmed to carry out the batch treatment as required. A chart of common settings would be provided to meet site requirements.

