



Data Sheet 6.02 Issue E

Pump Initiation Board

Description

Pump initiation boards are ready for wall mounting in the pump house. Each initiation has a separate test arrangement and connection with a common drain. Units are pressure tested to 17.5, 31.25 or 50 Bar prior to dispatch depending on the pressure required.

- Fulfills the requirements of BS EN 12845 (double switch)
- Rc1/2 inlet unions (BSPT)
- Rc1/2 lockable ball valves (BSPT)
- 3mm flow restrictor
- 100mm glycerin gauges c/w no loss connectors
- 1/2" check valves in bypass line
- Model 1381 pressure switches for duty and stand by pumps
- Model 1381V pressure switch for jockey pump
- Descriptive labels fitted as standard
- Available in 14 Bar, 25 Bar and 40 Bar
- Standard configurations for 2,3 & 4 units.
- Bespoke solutions available on request.

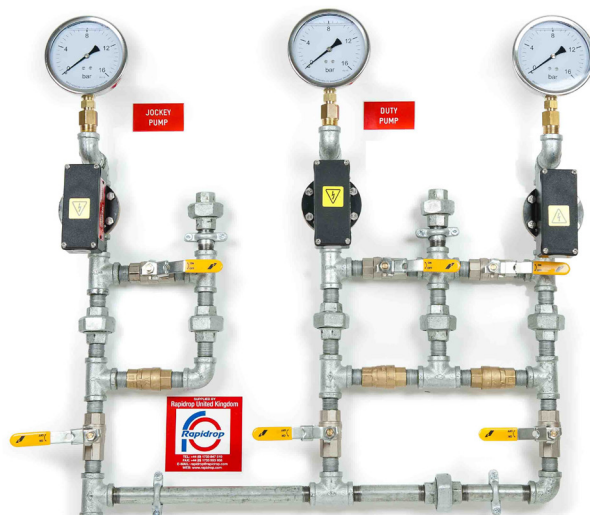
Installation & Maintenance

Assembly to be located where it will not be subject to freezing or extreme temperatures. All electrical connections to be made by qualified staff. Under normal operation the top valve must be in open position with the test valve in closed position.

Pressure switches can be set after installation with system at operating pressure. Close the top inlet valve and slowly open the bottom test valve to reduce gauge pressure to the desired level. Close test valve and adjust pressure switch. Repeat this process for each pressure switch.

To test pump operation, close the top inlet valve and slowly open bottom test valve to start pump.

Unit is designed to be maintenance free. However pressure switches and gauges can be replaced by isolating the pump, closing top inlet valve and draining the unit via bottom test valve.



Material Specification

Pressure Rating	14 bar	25 bar	40 bar
Pipes & Fittings	Galvanised Carbon Steel BS143, BS1387	Galvanised Carbon Steel BS143, BS1387	Stainless Steel
Ball Valves	PN40	PN40	PN40
Pressure Switch	0.7-14 bar	2-28 bar	2-42 bar
Test Pressure	17.5 bar	31.25 bar	50 bar
Pressure Gauge	0-16 bar	0-25 bar	0-40 bar

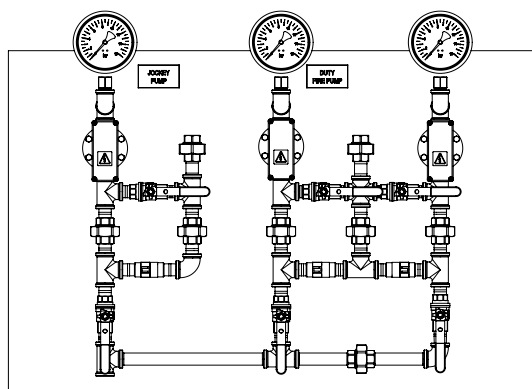
Board Dimensions & Weight

Number of Units	Width (mm)		Height (mm)		Depth (mm)	Weight (Kg)
	14/25 bar	40 bar	14/25 bar	40 bar		
2	900	1100	600	610	190	15-23
3	1200	1400	600	610	190	22-30
4	1500	1800	600	610	190	29-40

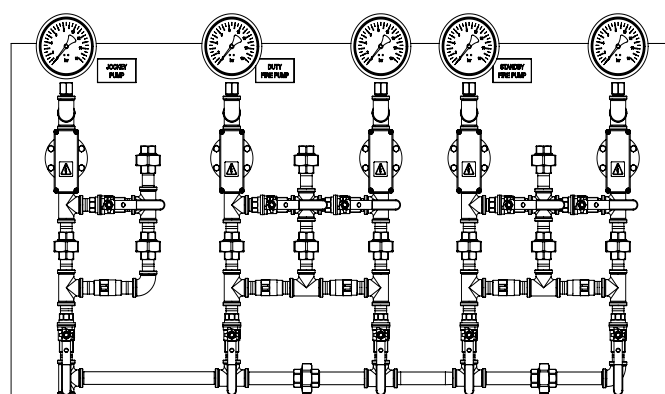
Ordering code

Number of units	14 Bar	25 Bar	40 Bar
2	RDPIB2PBST	RDPIB2PBS25BAR	RDPIB2P40BAR
3	RDPIB3PBST	RDPIB3PBS25BAR	RDPIB3P40BAR
4	RDPIB4PBST	RDPIB4PBS25BAR	RDPIB4P40BAR

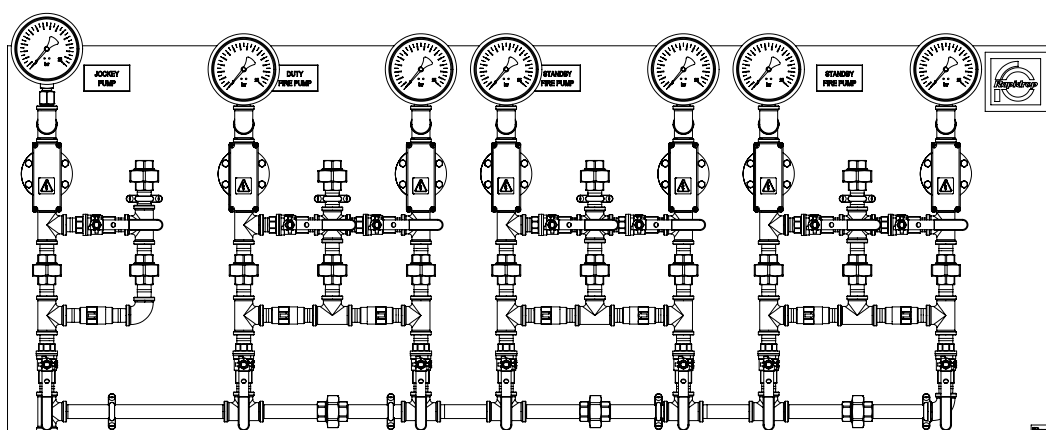
2 Pump Initiation Board
1 Jockey Pump + 1 Duty Pump


RAPIDROP
PUMP INITIATION BOARD
2 PUMP UNIT

3 Pump Initiation Board
1 Jockey Pump + 1 Duty Pump + 1 Standby Pump


RAPIDROP
PUMP INITIATION BOARD
3 PUMP UNIT

4 Pump Initiation Board
1 Jockey Pump + 1 Duty Pump + 2 Standby Pump



- Bespoke solutions available upon request.

Important Installation Information

- Rapidrop *Pump Initiation Board* must only be installed by a competent person in accordance with requirements of the local authority having jurisdiction. Deviations from these standards will invalidate warranty.
- It is the responsibility of the installing contractor to include a copy of this document in the sprinkler system installation, operating and maintenance manual.
- Alterations to Rapidrop products will void any warranty.
- *Pump Initiation Board* should be inspected and maintained during routine sprinkler system inspections by a competent person in accordance with national codes/requirements.
- Failure to follow these instructions could cause improper operation, resulting in personal injury and/or property damage.
- For further details and technical support please contact your Rapidrop sales representative.