



 **SYSTEM**

**HYDROPNEUMATIC
PRESSURE BOOSTER SET**

HYDROPNEUMATIC PRESSURE BOOSTER SET

REGALINE SYSTEM automatic hydropneumatic sets are assembled in modular form on a fabricated steel chassis. The set consists of the selected pumpset(s), pressure vessel, pressure switch, custom-built control panel and manifolds with valves and fittings and are fully tested at our factory.

The cut-in and cut-out of the hydropneumatic set is controlled by means of pressure switches. When the pressure drops to a preset pump cut-in pressure, the duty pump starts to maintain the pressure in the system. When water consumption decreases, the discharge pressure will rise and the pumps are cut-out when the preset cut-out pressures in tank are reached.



The control panel is constructed of steel enclosure finishing in corrosion resistant epoxy powder coat (beige). Electrical / electronic components are built to the system's design with run and trip LED signals for each pump, manual/off/auto switch, alternate pump start relay, fused control circuit, overload relays, etc.

The pressure vessel reduces pump on/off cycle, resulting in longer pump and motor life and reduction in energy costs. It provides water under pressure for delivery between pump cycles and serves as additional water storage under pressure to assist the pump in meeting the total demands of a system if the pump is incapable of supplying the required capacity. Each pressure vessel is factory tested.

FEATURES

- Automatic pressure set for water supply
- The (multistage) pumps are selected according to the flow or head specified with different features and power ratings
- Pressure can be set accordingly depending on the required flow rate
- The system is controlled by pressure switch and monitored via a control panel
- The system is designed for parallel operation manually and alternate change-over by twin timer

APPLICATIONS

- Water supply in civil, industrial, commercial and domestic sectors
- Water boosting for high rise buildings
- Fire fighting system
- Sprinkler and irrigation system



Local manufactured with JKKP approved certificate

Volume (litres)	Membrane Volume (litres)	Dimensions		Connection
		D (mm)	H (mm)	
300	270	610	1385	1½"
500	527	760	1670	1½"
750	700	1000	1460	1½"
1000	700	760	2050	2½"
1500	1166	1000	2050	2½"
2000	1618	1100	2285	2½"
2000	2000	1100	2320	2½"

Imported from Italy

Volume (litres)	Dimensions		Connection
	D (mm)	H (mm)	
8	200	280	¾"G
12	270	264	¾"G
18	270	349	¾"G
24	300	392	1"G
50	380	537	1"G
105	500	665	1¼"G
200	600	812	1¼"G
300	630	1105	1¼"G
500	750	1340	1¼"G
600	750	1555	1¼"G

For enquiries, please contact :