



DIGITAL BOOSTER

Pressure Switch controlled Booster series. Fully automatic units, for commercial and domestic applications

- ESPA Digital booster sets are designed to provide an efficient solution to water boosting applications where existing supplies are unreliable or insufficient to meet the demands of commerce and industry
- ESPA hydro pneumatic booster sets are built with the traditional principals of pressure switch control; whilst at the same time embrace the best in modern materials and production techniques.
- Due to the compact design ESPA analogue booster sets offer a small footprint in relation to performance. Installation is straight forward, with site work usually limited to connecting site pipe work and the provision of a suitable electrical supply.





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- Stainless Steel suction and discharge manifolds AISI 304 – Copper optional
- Steel chassis finished in black epoxy coating
- WRAS approved nickel plated brass ball valves on each pump providing individual isolation if necessary.
- Anti-vibration mounts as standard
- Steel enclosed panel IP55, incorporating the following features:
 - Run / Trip lamps for each pump
 - Door interlocked isolator
 - Contactor and Overload for each pump
 - Hand / Off / Auto switch for each pump
 - Pressure Switch control providing Duty Standby / Duty Assist Duty Assist Standby
 - Alternate pump start relay
 - Auxiliary input for low water via probe in suction manifold
 - Volt free contacts for BMS output
- Full documentation is provided with each booster set
- Built and tested at our North Essex factory
- WRAS approved pumps if specified



Optional range of expansion vessels built to the latest CE standards, incorporating EPDM membranes, complying with the requirements of WRAS

Capacities from 18 to 500 litres

Typical control panel layout.

Providing automatic control of single or three phase pumps in either Duty / Standby, Duty / Assist / Standby and Duty / Assist / Assist operation

