



## CKE INVERTER BOOSTER

**Motor mounted Inverter controlled Booster series. Fully automatic variable speed units, for commercial and domestic applications.  
ErP Compliant**



- ESPA CKE Inverter 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 variable speed booster sets embrace the best in modern control techniques, whilst holding true to the traditional principles of quality engineering.
- Due to the compact design ESPA 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.
- WRAS approved pumps, maximum four pumps.
- Steel chassis finished in black epoxy coating.
- WRAS approved valves on suction & delivery connections of pumps.
- Anti-vibration mounts fitted as standard.
- 24 Ltr Pressure vessel (WRAS approved)
- Control panel with mcb's, volt free contact.
- Motor mounted inverters.
- Full documentation is provided with each booster set.
- **We recommend the installation of Anti Shock & Air Release Valves on all of our CKE booster sets to avoid any hydraulic shock from power failure.**



### ESPA ESD advantages:

- An innovative system that can be used with a variation of pump types including multistage and single stage, vertical or horizontal pumps.
- Designed to vary the frequency (Hz) of the pump in order to keep the hydraulic system at a constant pressure.
- Saves energy up to 50%, silent running, compact and can extend the life of the pump.
- Regulates energy consumption on the basis of the flow demand.
- Interface is user friendly allowing easy use to calibrate pressure set points, view error messages and setting.
- Multipump capability up to four pumps.
- Dry running protection via external float switch.
- Volt Free Contact (Common).