

# Sub-Tank

## Variable speed booster package



- +** 227 Ltr actual capacity high density polyethylene break tank (BS4213). WRAS approved.
- +** Byelaws 30 top tank fitted with 1/2" ball valve complying with (Byelaws 11) type "A" air gap, protecting incoming mains supply from a class 5 designated risk of contamination (Byelaws 25).
- +** Inverter starts and stops pump automatically and supplies water at a constant pressure.
- +** Prevents starting in the absence of water and avoids water hammer.
- +** Inverter displays rotation, frequency and system pressure.

### Applications

To restore system pressure when the mains supply is insufficient, a pump may be used. However, to comply with water authority byelaws a break tank must be incorporated, as the pump is precluded from direct connection to the mains water supply

The ESPA Sub-tank system has been designed to solve this problem. A fully automatic unit, the Sub-tank has a stainless steel submersible pump incorporated into the break tank giving space-saving advantages in small plant rooms.

An in-line inverter with built-in pressure transducer provides control. Electronics prevent starting without water. Digital displays show On line, Pump operating and Fault.

Installation is straightforward with only three connections required.

MODEL	Length	Width	Height	Kg
ST07/240.I	590	590	1400	43 Dry

- +** Adjustable start pressure: 0.8 – 9.0 Bar.
- +** Maximum temperature 35°C.

**For pump curves and electrical details "**

- +** The pressure vessel requires a pre-charge with air (0.3 – 0.5 Bar). This charge should be checked and adjusted every six months.

Single phase	Price
ST07.4/240.I	
ST07.5/240.I	
ST07.6/240.I	
ST17.5/240.I	
ST17.7/240.I	
ST27.4/240.I	
ST27.6/240.I	
Extra 240 ltr tank	
Extra 240 ltr tank c/w chamber kit	