

Sub-Tank

Automatic boosting package



+ For pump curves and electrical details, see page 2



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 an Acuaría stainless steel submersible pump incorporated into the break tank giving space saving advantages in small plant rooms or roof spaces. (see pages 2 & 3 for details of pump) Control is provided by a constant pressure device, with built in pressure gauge (see page 60 for details of control device) Electronics prevent starting without water. LED's display On line, Pump operating and Fault.

Installation is straight forward with only three connections required.

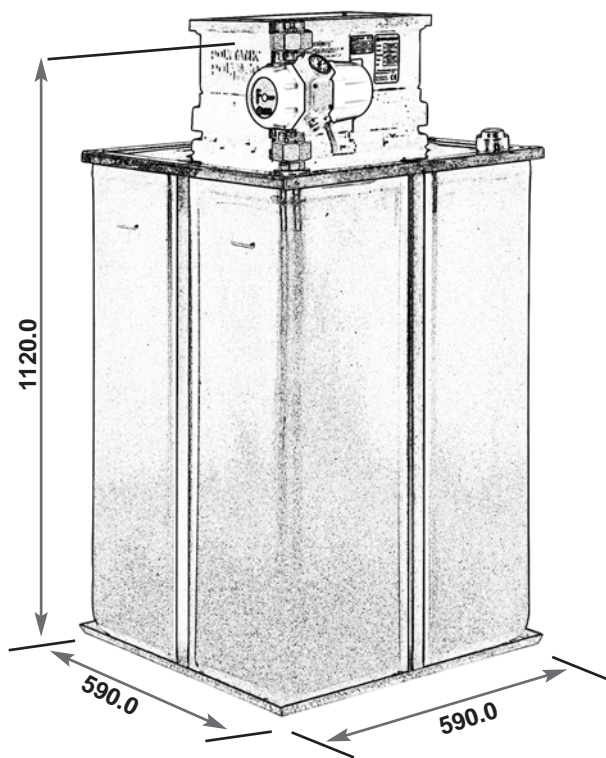
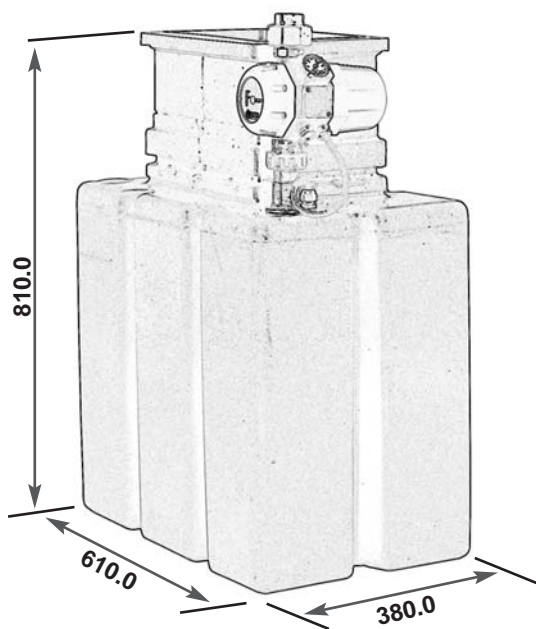
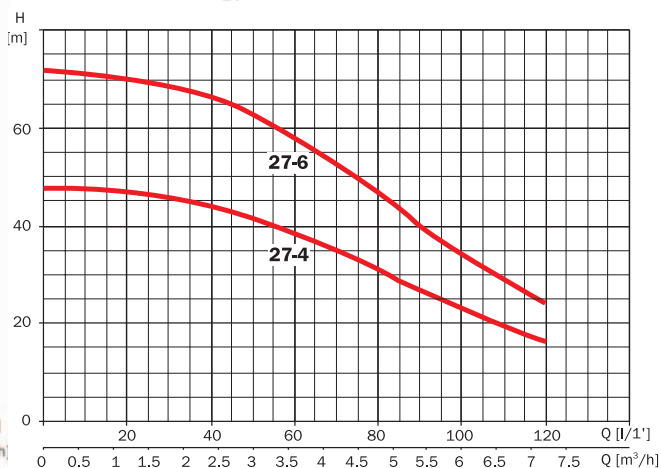
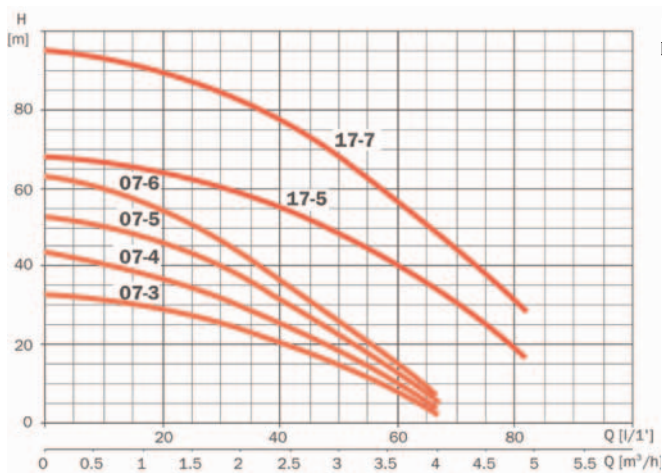
- +** LED indicators display line voltage, pump operation and Failure.
- +** Does not require any maintenance or pre-charge.
- +** Adjustable start pressure:- 1.5 - 2.5 Bars
- +** 95 Ltr or 227 Ltr Actual capacity high density polyethylene break tank (BS4213). WRAS approved.
- +** Byelaws 30 top tank fitted with 1/2" ball valve complying with (byelaw 11) type "A" air gap, protecting incoming mains supply from class 1 and class 5 designated risk of contamination (byelaws 25).
- +** Kit 05 Pressure stat starts and stops pump automatically and supplies water at a constant pressure.
- +** Pressure switch with vessel options available, please add £30.

- +** Maximum temperature 35°C.
- +** WRAS Listing Applied 2007

Single phase	
ST07.3/100	
ST07.4/240	
ST07.5/240	
ST07.6/240	
ST17.5/240	
ST17.7/240	
ST27.4/240	
ST27.6/240	
Extra 240 ltr tank	
Extra 240 ltr tank c/w chamber kit	

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1" Discharge connections on all units

MODEL	A		P1 (kW)		kW	HP	μF
	1~	3~	1~	3~			
	230 V	400 V					
Acuaría 07 3	2.8	1.2	0.6	0.6	0.37	0.5	12
Acuaría 07 4	3.6	1.7	0.80	0.80	0.5	0.75	12
Acuaría 07.5	4.1	1.9	0.95	0.95	0.75	1	12
Acuaría 07 6	5.0	2.0	1.1	1.1	0.9	1.2	16
Acuaría 17.5	7.4	2.6	1.6	1.5	0.9	1.25	16
Acuaría 17.7	10.7	3.8	2.2	2.1	1.5	2.0	25
Acuaría 27.4	7.0	2.5	1.5	1.4	0.9	1.25	16
Acuaría 27.6	10.8	3.8	2.2	2.1	1.5	2.0	25