SUB TANK 240-I

ESPA Sub-Tank Series. A fully automatic unit for commercial and domestic 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 submersible stainless steel 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 and the digital displays online pump operation, standby and fault

- **Installation is straightforward with only three connections required.**

- Noise levels are 77dB when filling set of water and 60dB when pump is running.

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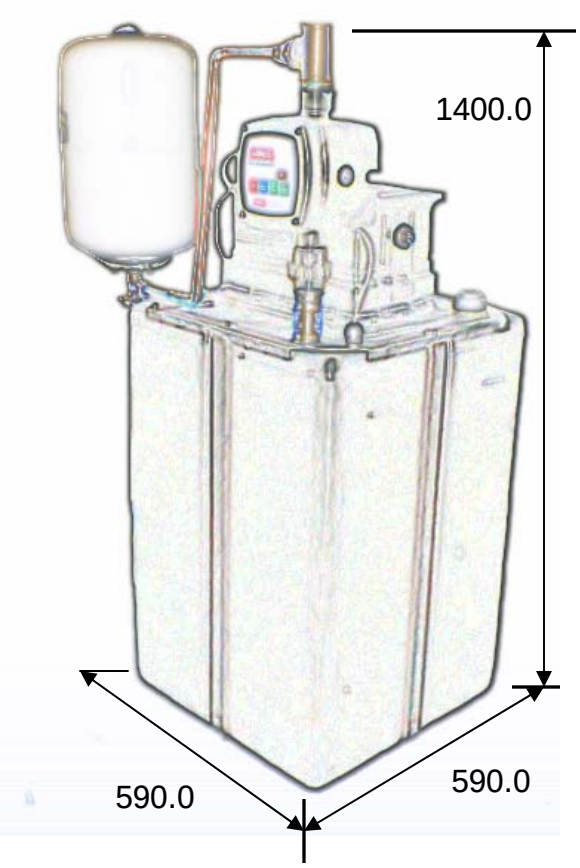
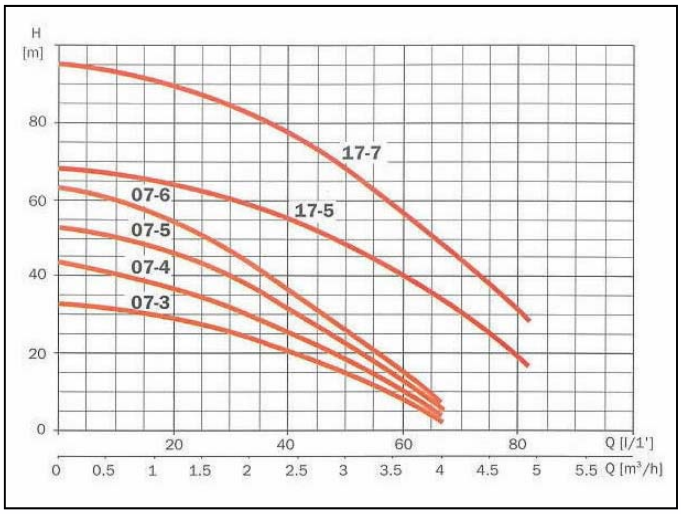
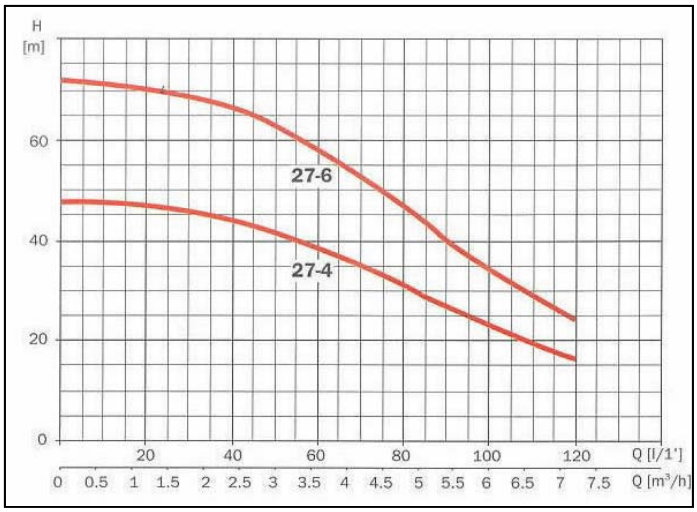
Sub-Tank 240-I



Dimensions in Millimetres
Dry Weight = 43 kgs

- 227 Litre actual capacity high density Polyethylene break tanks (BS4213). **WRAS approved.**
- Byelaws 30 top tank fitted with ½" ball valve complying with (Byelaws 11) Type "AA & AB " 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 constant pressure.
- Prevents starting in the absence of water and avoids water hammer.
- Inverter displays rotation frequency and system pressure.
- The pressure vessel requires a pre-charge with air (0.3 – 0.5 Bar). This charge should be checked and adjusted every **six months.**
- Adjustable start pressure: 0.8 – 9.0 Bar





MODEL	A			P1 (kW)		kW	HP	uF
	1~	3~						
	230V	230V	400V	1~	3~			
Acuaria 07 3	2.8	2	1.2	0.60	0.60	0.37	0.50	12
Acuaria 07 4	3.6	2.9	1.7	0.80	0.80	0.50	0.75	12
Acuaria 07 5	4.1	3.3	1.9	0.95	0.75	0.75	1.00	12
Acuaria 07 6	5.0	3.6	2.0	1.10	0.90	0.90	1.20	16
Acuaria 17 5	7.4	4.5	2.6	1.60	1.50	0.90	1.25	16
Acuaria 17 7	10.7	6.5	3.8	2.20	2.10	1.50	2.00	25
Acuaria 27 4	7.0	4.3	2.5	1.50	1.40	0.90	1.25	16
Acuaria 27 6	10.8	6.6	3.8	2.20	2.10	1.50	2.00	25

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