

Submersible multistage pumps with built-in pressure control

Applications

Pressurising of domestic water for houses, semi-detached homes, apartments, chalets and rural homes...

Materials

Outer casing, discharge body, impellers, filter, discharge cover and motor casing in stainless steel AISI 304.

Pump shaft in stainless steel AISI 303. Diffusers in PPO.

Mechanical seal in graphite and alumine/graphite/steatite/NBR/AISI 304.

Motor

Asynchronous, two poles.

IP 68 protection.

Class F insulation.

Continuous operation.

Water-cooled motor.

Single-phase version with Klaxon

(incorporated thermal protection).

Limitations

Maximum working pressure 8 bar.

Ø of solids 2 mm.

Maximum 30 start-ups per hour.

Water temperature from 4 °C to 40 °C.

Motor characteristics 230 V.

Vertical installation only.

Equipment

Submersible multistage pump with built-in pressure control and non return valve.

Dry running control with four trials if no water.

Oil chamber with two mechanical seals.

Model 4: starting pressure at 2 bar.

Model 6: starting pressure at 3 bar.

You must install a pressure vessel on the discharge pipework minimum 24 ltrs.



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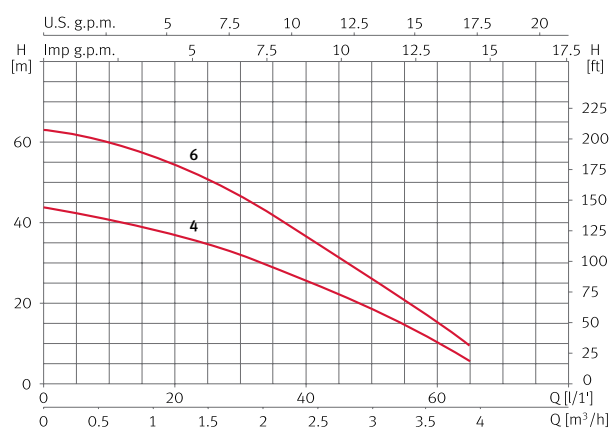


Hydraulic performance table

Model	I [A]		P1 [kW]		P2		c [μF]	l/min m³/h	10	20	30	40	45	50	60	65	1~230 V (model M)
	1~230 V	3~400 V	1~230 V	3~400 V	[kW]	[HP]											Code
Acuapres 4M N	3.5	1.7	0.8	0.8	0.5	0.75	12	mwc	41	37	32	26	22	19	10	6	157966
Acuapres 6M N	5	2	1.2	1.1	0.9	1.2	16		60	55	47	37	32	26	15	9	157972

(For sets with larger vessels please add the larger vessel price to the above set price)

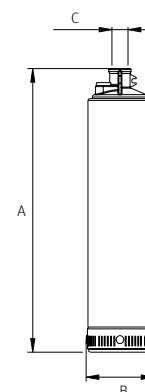
Performance curves at 2900 rpm



*Service kits are available on request

Dimensions and weights

Model	A	B	C	Kg
Acuapres 4M N	493	126	1"	10.6
Acuapres 6M N	560	126	1"	12.4



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