

Acuapres Pressurization



Submersible multistage pumps, 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.

Motor shaft in stainless steel

AISI 303+F-114.

Diffusers in PPO.

Mechanical seal in alumina oxide/graphite/steatite/NBR/AISI 304.

Motor

Asynchronous, two poles.

IP 68 protection.

Class F insulation.

Continuous operation.

Water-cooled motor.

Single-phase version with Klixon

(incorporated thermal protection).

Equipment

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

With dry running control with four trials if no water.

Oil chamber with two mechanical seals.

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.

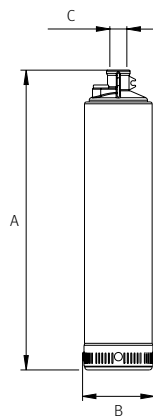
Motor characteristics 230 V.

Vertical installation only.

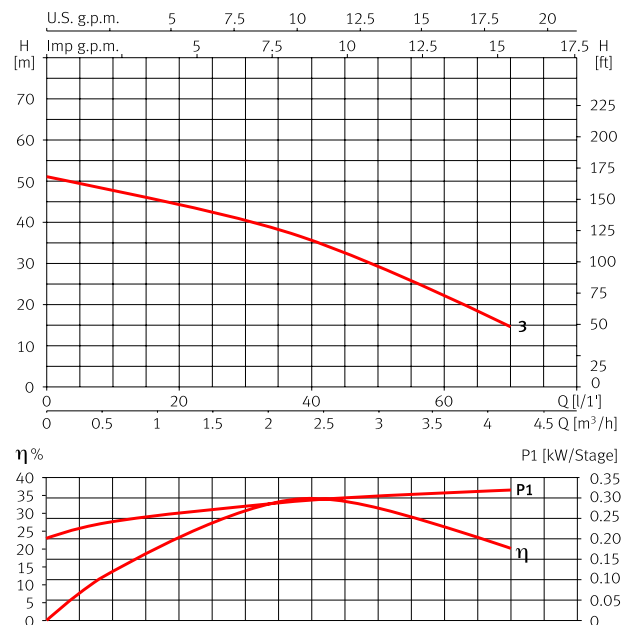


Dimensions and weights

Model	A	B	C	kg
Acuapres 3	470	126	1"	11,2



Performance curves at 3450 rpm



Hydraulic performance table

Model	I (A)	P1 (kW)	P2		Phases	Volts	µF	Internal capacitor	Control box	Flow in litres per minute	15 mts	20 mts	25 mts	35 mts	45 mts
	1~	1~	(kW)	(HP)							49,21	65,6	82	115	148
Acuapres 3/1115	12	1	0,7	0,9	1	115	30	-	X	70	63	56	41	18	
Acuapres 3/1220	4,8	1	0,7	0,9	1	220	12	X	-	70	63	56	41	18	