

Automatic submersible monoblock centrifugal multistage pump for water supply

Applications

Automatic pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Suitable for open wells, ponds and tanks.
Starting pressure: 2 bar.

Materials

Pump body, suction, discharge, filter and impellers in AISI 304.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Double mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Equipment

Built-in check valve.
15m of cable without plug.
Internal capacitor.
Kit Press included.
Dry-protection function.
Automatic reset function.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Continuous operation.
Water cooled motor.
Built-in thermal protection.

Limitations

Maximum water temperature: 40°C.
Maximum submersion: 12m.

Operation

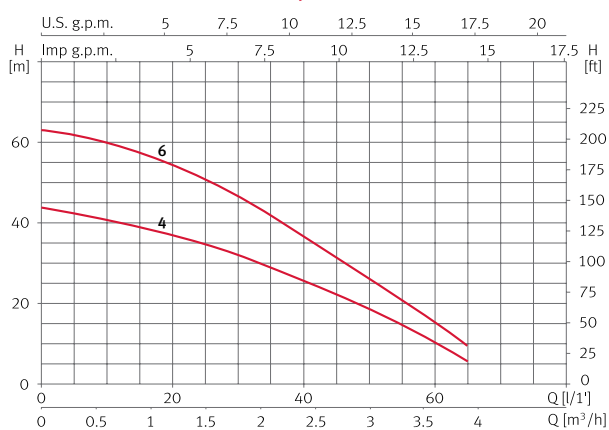
Automatic start and stop based on water demand.



Hydraulic performance table

Model	I [A]	P1 [kW]	P2		c [μF]	l/min	10	20	30	40	50	60	65	Code
	1~230V	1~	[kW]	[HP]		m³/h	0,6	1,2	1,8	2,4	3,0	3,6	3,9	
Acuapres 07S 4	4	0,8	0,55	0,75	12	mwc	41	37	32	26	19	10	6	209179
Acuapres 07S 6	6,2	1,2	0,9	1,2	12		60	55	47	37	26	15	9	210154

Performance curve at 2900 rpm



Dimension and weight

Model	A	B	C	Kg
Acuapres 07S 4	502	125	1"	10,6
Acuapres 07S 6	569	125	1"	12,4



Acuaplus S Booster



Automatic submersible monoblock centrifugal multistage pump with variable speed for water supply

Applications

Automatic pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Suitable for open wells, ponds and tanks.
Adjustable working pressure range from 1,5 to 4 bar.

Materials

Pump body, suction, discharge, filter and impellers in AISI 304.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Double mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Equipment

Built-in check valve.
15m of cable with plug type F.
Internal capacitor.
Variable frequency drive, pressure sensor, Kit Press and pressure gauge included.
Dry-protection function.
Automatic reset function.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Continuous operation.
Water cooled motor.
Built-in thermal protection.

Limitations

Maximum water temperature: 40°C.
Maximum submersion: 12m.

Operation

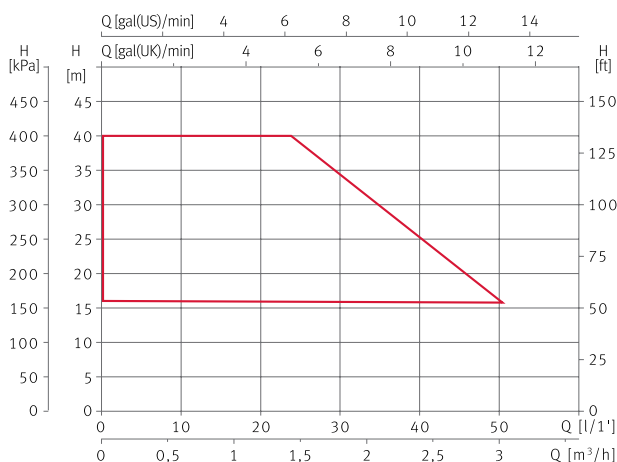
Self-adjustable speed to maintain the constant pressure and flow that apartment, building or installation demand at every moment.



Hydraulic performance table

Model	I [A]	P1 [kW]	P2		c [μF]	l/min	10	20	30	40	50	Code
	1~230V	1~	[kW]	[HP]		m³/h	0,6	1,2	1,8	2,4	3	
Acuaplus S	4,7	1	0,75	1	12	mwc	40	40	34	25	16	210164

Performance curve



Dimension and weight

Model	A	B	C	D	E	F	Kg
Acuaplus S	526	128	1"	170	254	175	11,5

