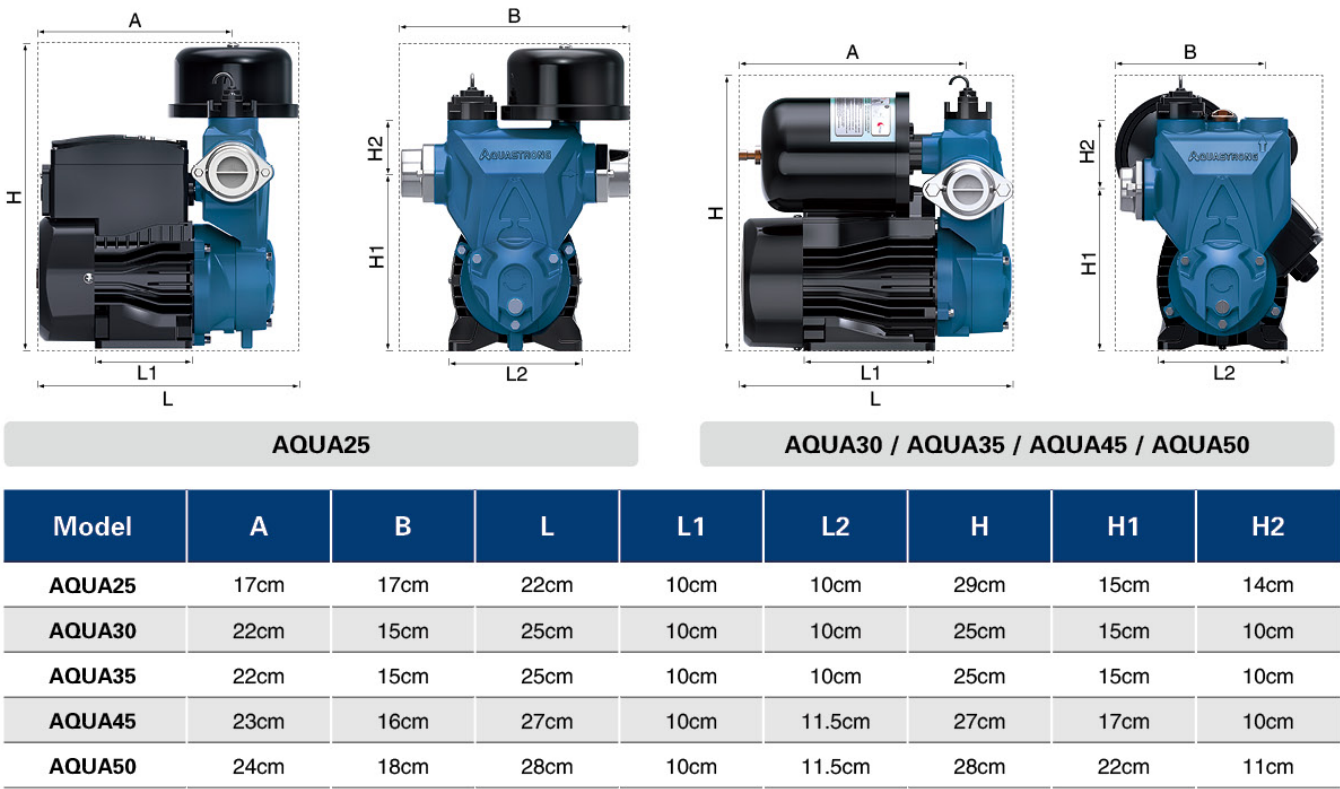


Selection and Application Scenario



Installation Dimensions



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Automatic Booster Pump

Constant Water Supply
Suitable for Hot Water
Low Noise



www.aquastrong.it

24 months
WARRANTY



Application

AQUA series is a new generation automatic booster pump can supply constant water to all taps. The integrated pump includes motor, tank, pressure switch, flow sensor in one unit that is more reliable and easy to operate. It's suitable for both cold and hot water, can be widely used in household pressure boosting from above ground water tanks or below water sources.

Features

- ◆ **Constant Water supply**
The pump provides constant water to all taps according to the water demand, even when you use at a small flow rate, the pump can run perfectly and continuously
- ◆ **Low Noise**
The AQUA booster pump operates in low noise significantly quieter than most other self-priming pumps currently available in the market
- ◆ **Suitable for hot water up to 100°C**
- ◆ **Self-priming**
Ideal for pressurizing water from above or below ground water sources with a suction lift of up to 8 meters
- ◆ **Protective Functions**
Dry-run protection: the pump will be automatically power off when there's no water
Safety Protection: the pump will be delayed start for 3 seconds after power on
Anti-jam protection: automatically run for 8 seconds every 72 hours to prevent the pump from stuck.
- ◆ **Integrated non-return valve for backflow prevention**

Operation Conditions

- ◆ Liquid temperature: 0°C ~ +100°C
- ◆ Ambient Temperature: Max.+55°C
- ◆ PH: 6.5~8.5
- ◆ Solid particles ≤ 0.2mm ; solid impurity volume ratio ≤ 0.1%
- ◆ Voltage: 160~260V/50HZ
- ◆ Protection class: IPX44

4 Key Parts

Exquisite every detail, Exquisite life experience



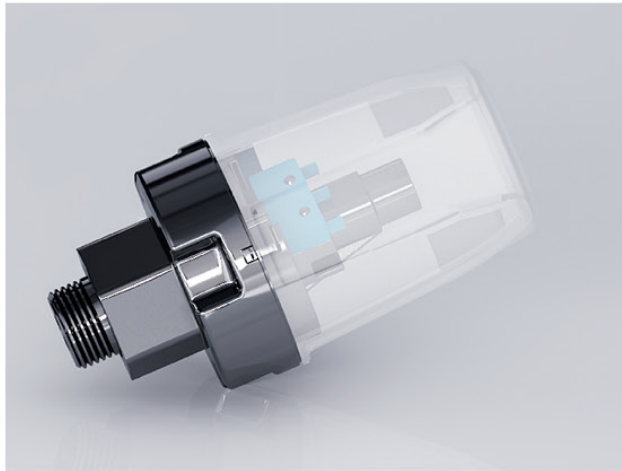
Electronic Control Panel

Monitor and regulate the working conditions of pump



Flow Sensor

Monitor the water flow of pump, help the pump working perfectly at a small water flow condition



Pressure Switch

Automatically on and off the pump according to the discharge pressure and the setting pressure of pressure switch



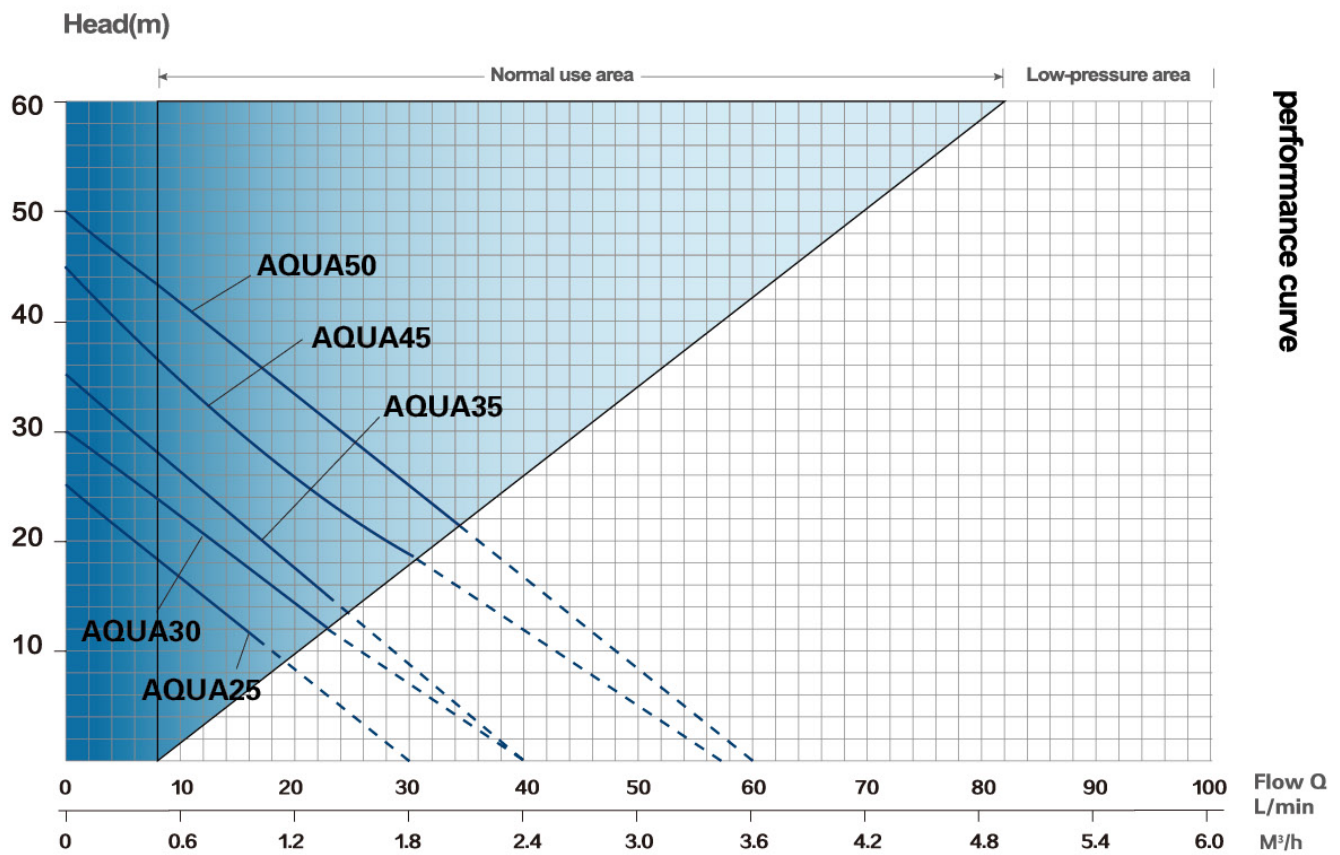
Pressure Tank

maintenance free,
3.7mm thickness EPDM membrane

Performance Parameter Table

Model	Voltage	Power	Current	Start Pressure	Max.floor	Max.Head
AQUA25	160~260V/50Hz	250W	1.5A	1.2Bar	≤ 2th floor	25m
AQUA30	160~260V/50Hz	370W	2.5A	1.8Bar	≤ 4th floor	30m
AQUA35	160~260V/50Hz	450W	2.7A	2.1Bar	≤ 4th floor	35m
AQUA45	160~260V/50Hz	750W	4.2A	2.6Bar	≤ 6th floor	45m
AQUA50	160~260V/50Hz	850W	5.2A	3.1Bar	≤ 8th floor	50m

Model	Max.Flow		Rated Head	Rated Flow		Pipe Size	Suction
AQUA25	1.8m³/h	30L/min	12m	1.0m³/h	17L/min	25mm	8m
AQUA30	2m³/h	33L/min	13.5m	1.0m³/h	17L/min	25mm	8m
AQUA35	2m³/h	41L/min	15m	1.0m³/h	17L/min	25mm	8m
AQUA45	3m³/h	50L/min	22m	1.5m³/h	25L/min	25mm	8m
AQUA50	3.5m³/h	58L/min	28m	1.5m³/h	25L/min	25mm	8m



Model	Power	Q	L/min m³/h	0	5	10	15	20	25	30	35	40	45	50	55	60
				0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
AQUA25	250 W	H(m)		25	21	16	11	7	3	0	–	–	–	–	–	–
AQUA30	370 W			30	21	18	14	11	7.5	3	0	–	–	–	–	–
AQUA35	450 W			35	31	26	22	18	13	9	4	0	–	–	–	–
AQUA45	750 W			45	39	34	28	22	17	13	9	6	3.5	2	0	–
AQUA50	850 W			50	45	40	35	31	27	22	19	13	9	5	2	0