APEC-SUN

Electronic Control Pump

APPLICATIONS:

The AQ series pumps are designed for water supply and pressure boosting in residential, commercial and light industrial applications where low or inadequate water pressure exists. It is suitable for boosting pressure from underground or surface water supplies.

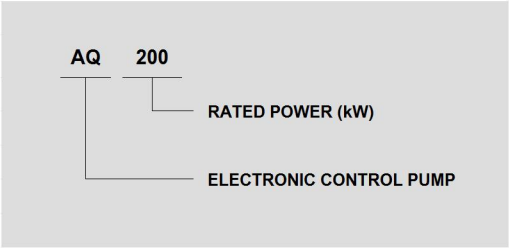
SPECIFICATIONS:

- Maximum ambient temperature: +40°C.
- Maximum liquid temperature: +4°C - +40°C.
- Maximum system pressure: 8.5 kg/cm^2.
- Maximum relative humidity: 85% (RH).
- Under normal operation, it is not necessary to adjust the pressure unless the cut in pressure is higher than preset activation point (refer to performance parameters).

FEATURES:

- The AQ is a complete, all-in-one unit, consisting of pump, motor, pressure tank, and electronic controller. The built-in electronic controller provides constant pressure which ensures that the pump starts automatically when water is consumed and operates continuously until water is not required.
- Compact design and quiet operation make the AQ series suitable for many applications.
- The AQ is constructed from the top quality corrosion resistant materials.
- Pump has built in dry-run shut off with automatic reset function.
- The motor has built-on thermal overload to protect against high operating temperatures and over current. (Single phase motor only)
- The AQ has an anti-cycling feature which prevents the pump from continuous starting and stopping when you have a dripping tap or minor leak in the system.
- Thepumps will lift water up to 7.6 m. with foot valve and pump suction piping filled with water.

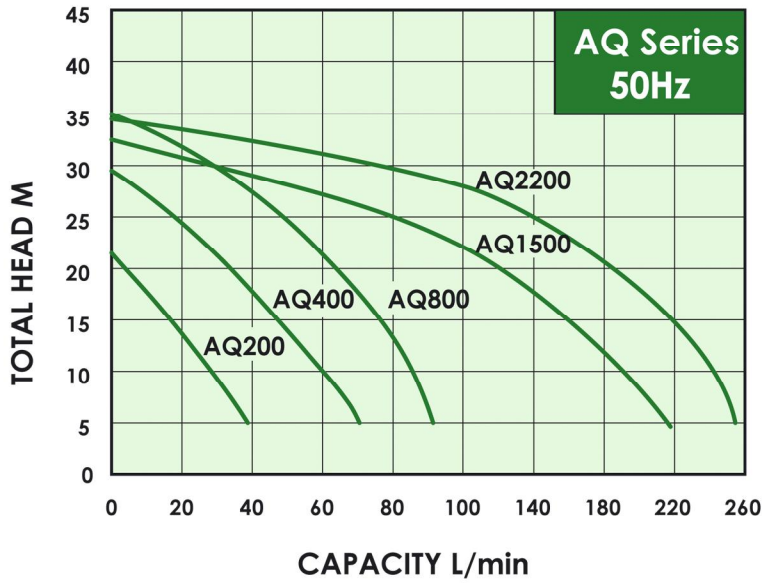
TYPE DESCRIPTION:



PERFORMANCE PARAMETER:

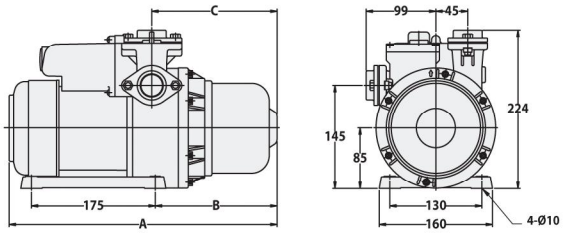
PUMP MODEL	POWER		CYCLE	PHASE	VOLTAGE	AMP'S	INLET	OUTLET	PRESET ACTIVATION	H max	Q max	WEIGHT
	kW	HP	(Hz)		(V)	(A)	(in)	(in)	POINT (kg/cm^2)	(m)	(l/min)	(kg)
AQ200	0.18	0.25	50.0	1	200-240	1.5	1	1	1.2	22	45	7.4
AQ400	0.37	0.50	50.0	1	200-240	3.0	1	1	1.8	30	75	9.4
AQ800	0.75	1.00	50.0	1	200-240	4.4	1	1	2.0	35	95	11.0
AQ1500	1.50	2.00	50.0	1	200-240	7.2	2	2	2.5	32	230	29.0
				3	200-240	5.8						
				3	380-440	3.3						
AQ2200	2.20	3.00	50.0	1	200-240	11.1	2	2	2.5	34	250	31.0
				3	200-240	7.2						
				3	380-440	4.1						

PERFORMANCE CURVE:

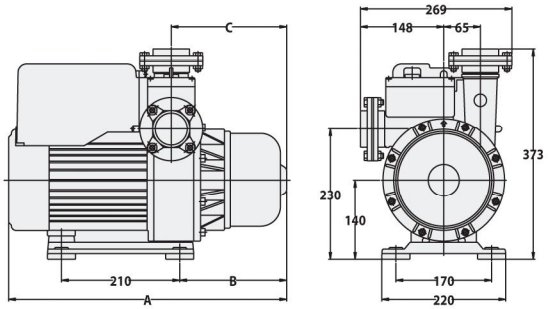


DIMENSIONS:

AQ200/400/800



AQ1500/2200



PUMP MODEL	DIMENSION (mm)		
	A	B	C
AQ200	389	183	188
AQ400	405	198	203
AQ800	451	198	203
AQ1500	501	197	212
AQ2200	501	197	212