

## HQ\_B Series Electronic Control Pump



### 50 Hz

Power: 0.18 - 0.75 kW

Head: Up to 33 M

Flow: Up to 110 L/min

Outlet: 1"

Inlet: 1"

### 60 Hz

Power: 0.18 - 0.75 kW

Head: Up to 45 M

Flow: Up to 120 L/min

Outlet: 1"

Inlet: 1"



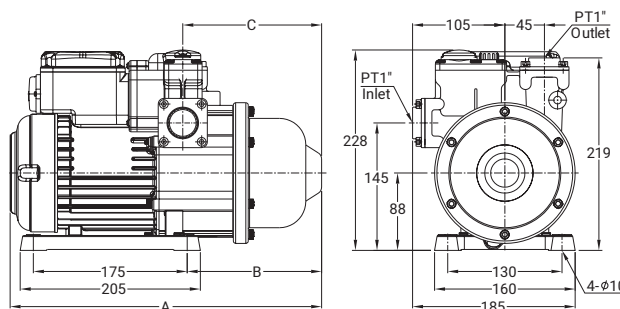
## Product Features

- The HQ\_B 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 HQ\_B series suitable for many applications.
- The HQ\_B 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-in thermal overload to protect against high operating temperatures and over current.
- The HQ\_B 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.
- The pumps will lift water up to 7.6m. with foot valve and pump suction piping filled with water.

## Operating Conditions

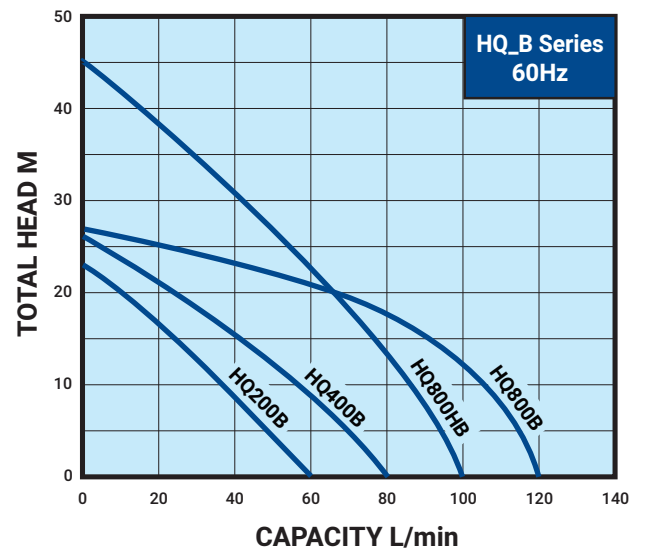
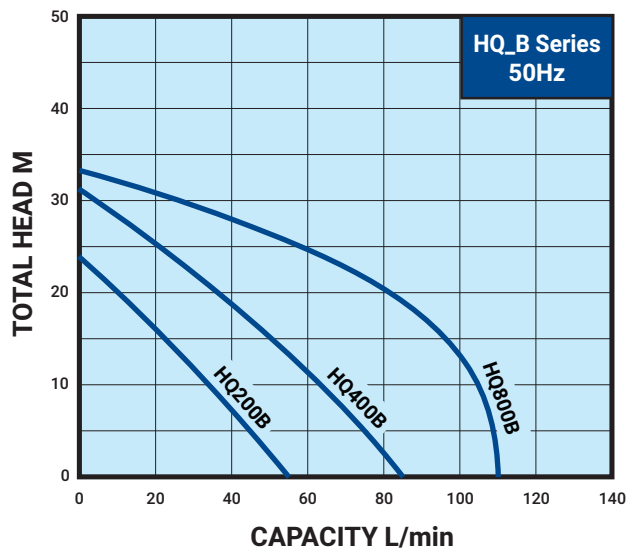
- Ambient Temperature: Max. +40°C
- Liquids Temperature: +4°C ~ +40°C
- System Pressure: Max. 8.5 kg/cm<sup>2</sup>
- Relative humidity: Max. 85% (RH)
- Under normal operation, it is not necessary to adjust the pressure unless the cut in pressure is higher than preset activation point (refer to specification).

## Dimensions



Model	Cycle Hz	A mm	B mm	C mm
HQ200B	50/60	355	153	158
HQ400B	50/60			
HQ800B	50/60	410	162	167
HQ800HB	60			

## Performance Curve



### HQ\_B Series 50Hz

Model	Power kW	Cycle Hz	Phase Ø	Volt V	Amp's A	Inlet in.	Outlet in.	Preset activation point kg/cm <sup>2</sup>	H max. m	Q max. L/min	N.W. kg	G.W. kg	
HQ200B	0.18	50	1	200 - 240	1.5	1"	1"	1.6	24	55	7.4	8.0	30
HQ400B	0.37	50	1	200 - 240	2.8	1"	1"	2.0	31	85	8.4	9.0	30
HQ800B	0.75	50	1	200 - 240	4.5	1"	1"	2.0	33	110	10.8	11.4	24



### HQ\_B Series 60Hz

Model	Power kW	Cycle Hz	Phase Ø	Volt V	Amp's A	Inlet in.	Outlet in.	Preset activation point kg/cm <sup>2</sup>	H max. m	Q max. L/min	N.W. kg	G.W. kg	
HQ200B	0.18	60	1	110/220	4.0/2.0	1"	1"	1.6	23	60	7.4	8.0	30
HQ400B	0.37	60	1	110/220	6.0/3.0	1"	1"	1.8	26	80	8.4	9.0	30
HQ800B	0.75	60	1	110/220	10.0/5.0	1"	1"	2.0	27	120	10.8	11.4	24
HQ800HB	0.75	60	1	110/220	10.0/5.0	1"	1"	2.5	45	100	10.8	11.4	24