WALRUS PUMP

HQIC_B Series

Inverter Control Pump



Better Life
Through Innovation

HQIC_B Series Inverter Control Pump



50 / 60 Hz

Power: 0.37 - 0.75 kW

Head: Up to 45 M

Flow: Up to 100 L/min

Outlet: 1"

Inlet: 1"



Product Features

The pump will start smoothly when water is consumed. The inverter controller has a pressure sensor to detect down-stream pressure and adjust the motor speed to keep it at the required psi.

- **Compact design for space saving:** The HQIC_B is a complete, all-in-one unit, consisting of pump, motor, inverter, pressure tank, and electronic controller.
- **Constant and stable pressure control:** The pump will maintain a constant operating pressure at the pressure setting. This ensures a stable water supply despite the output occasionally.
- **Dry-run protection:** The pump will automatically shuts down to protect against dry running. Once the pump starts to operate, the pressure sensor will automatically detect the pressure limit.
- **Automatic stop when flow stops:** The pump will automatically cycle down as water usage decreases.
- **Pressure compensation for pipeline leaks:** Should the down steam pressure drop due to leaks in the piping system, the microcomputer will detect the pressure loss automatically and operate the pump to maintain the pressure setting limit.

Operating Conditions

- Ambient temperature: Max. +40°C
- Liquid temperature: +4°C~+40°C
- Relative Humidity: Max. 85%
- Inlet pressure: less than the constant pressure value setting

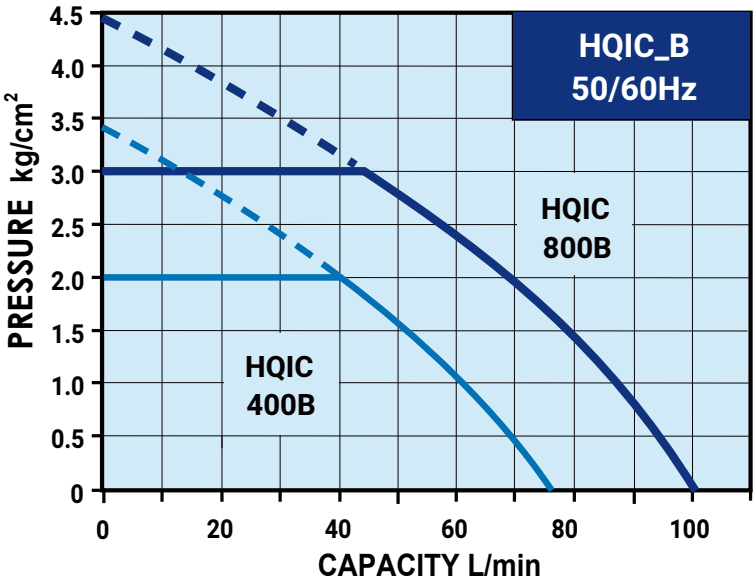
Applications

The HQIC_B Constant Pressure Inverter Control System consists of a pump and inverter that is designed for residential and commercial customers who need, HQIC_B has a constant pressure solution for your home.

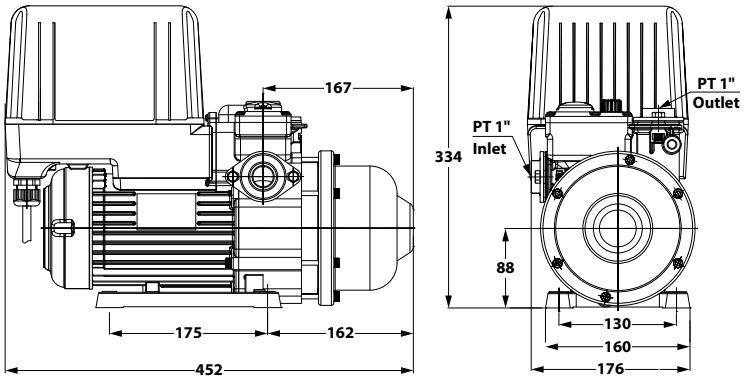
It is suitable for:

- RO System
- Water supply
- House
- Condos
- Irrigation
- Motels

Performance Curve



Dimensions





HQIC_B Series 50 / 60Hz

Model	Power kW	Cycle Hz	Phase Ø	Voltage V	Amp's A	Inlet in.	Outlet in.	Pre-set Pressure kg/cm²	Nominal Set Flow L/min	N.W. kg.	G.W. kg.
HQIC400B	0.37	50 / 60	1	110 / 220	8 / 4	1"	1"	2.0	40	11.0	12.8
HQIC800B	0.75	50 / 60	1	110 / 220	12.6 / 6.3	1"	1"	3.0	40	13.0	14.3

WALRUS PUMP

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All specifications are subject to change without notice. HQIC_B-EN000-202410

ISO 9001 品質管理系統