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HAITIMA

HAITIMA HQE Electronic Booster Pump Series &

HIGH-EFFICIENCY VERTICAL MULTISTAGE PUMPS



HAITIMA HQE Electronic Booster Pump Series

Stable Water Pressure. Quality built for Lasting Performance.
The HAITIMA HQE Series is a compact design centrifugal pump, motor, NSF-61 diaphragm tank, pressure and flow sensors, electronic controller, and non-return valve.

Designed to deliver smooth, consistent water pressure, the HQE Series brings together responsive control, quality motor, and multiple built in protection features to support everyday operation. Its modular design makes the maintenance and servicing easier.

NFS 61 listed material for the impeller, diffuser and pump casings ensure drinking water safety and hygiene.

Key Features

- **Smart Control:** Maintains stable and constant water pressure supply.
- **Quality Motor:** Designed for efficient, reliable operation, and a long service life.
- **Dual-Sensor System:** Integrated pressure and flow sensors provide fast and precise operating response for stable water delivery.
- **Dual Thermal Protection:** Built-in safeguards prevent motor overheating.
- **Dry-Run Protection:** Auto-shuts down during water loss to prevent motor burnout.
- **5-Second Soft Start:** limit starting currents, reduce mechanical wear, prevent water hammer, and increase energy savings.
- **LED Status:** Enables instant visual monitoring of pump operation.
- **Modular Design:** Simplifies servicingand routine maintenance.

Operating Conditions

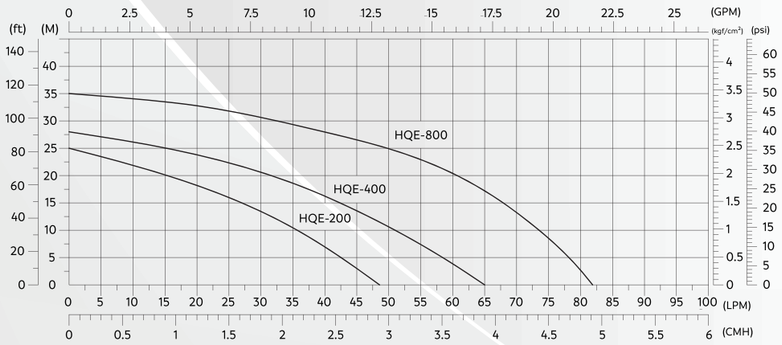
Ambient Temperature: 0°C to 40°C
Liquid Temperature: 2°C to 45°C
Liquid pH: 4 to 9
Relative Humidity: Max. 85% RH
Maximum Operating Pressure: Max. 5 kg/cm^2
Suction Lift: Max. 6 meters
IP: 54

Applications

- General domestic water supply
- Direct mains pressure boosting
- Roof-tank pressure boosting
- Greenhouse & garden irrigation
- General water transfer



PERFORMANCE CURVES(50HZ)



SPECIFICATIONS(50H)

Model	Power		Frequency	Phase (∅)	Voltage (V)	A MAX (A)	Head (Pressure)		Flow (Capacity)		Pipe Connection
	HP	Watt					Rated (M)	Max. (M)	Rated (L/Min)	Max. (L/Min)	
HQE-200	1/4	200	50hz	1	220-240	1.2-1.1	15	25	27	47	Rp 1"
HQE-400	1/2	400	50hz	1	220-240	1.7-1.6	20	28	32	65	Rp 1"
HQE-800	1	800	50hz	1	220-240	3.8-3.5	25	35	50	82	Rp 1"

HIGH-EFFICIENCY VERTICAL MULTISTAGE PUMPS

Product Overview:
Designed for demanding commercial and industrial environments, the HAITIMA HVM Series deliver unyielding pressure, lower energy consumption, and long-term operating reliability. Powered by premium-efficiency motors and built with corrosion-resistant metallurgy, it keeps your systems moving effortlessly.

Core Advantages

1. FLEXIBLE

Universal Fitting: Compatible with flanged, grooved, or RP pipe configurations for rapid site installation.
Quick-Service Seal Design: Fast-replacement cartridge seals allow maintenance without tearing down the entire pump.
Energy Savings: Lower operating costs

2. DURABLE

Stainless Steel Hydraulics: Impellers and diffusers offer superior resistance against erosion and corrosion.
High-Stress Bracket: Heavy-duty cast frame easily absorbs vibration and system pressure surges.

3. RELIABLE

Weather-Shielded Motors: High-thrust TEFC enclosure protects vital electrical components from harsh environments.
Continuous-Duty Cycle: Built for continuous operation to maximize system uptime and peace of mind.

Performance Specifications

Max Flow : max 150 m^3/hr
Max Head : max. 277 m
Liquid temperature : -15˚ C to+120˚ C
Material : AISI 304 / AISI 316

Operating Conditions

- Commercial Pressure Boosting
- Boiler Feed & Condensate Recovery
- Water Supply, Treatment & Filtration
- Industrial Liquid Transfer
- Fire System

LIFECYCLE SUPPORT FOR YOUR PUMP

When it's time to service your pump equipment with replacement parts, there's no room to gamble on unknown suppliers. We carry thousands of genuine OEM parts tailored to Pentair pumps, ready to ship quickly.

