



KQ Series **KIKAWA** Multistage Booster System

● DESCRIPTION

The **KIKAWA KQ** series booster system is an all-in-one compact and reliable automatic multistage centrifugal booster pump, which integrates motor, pump, accumulator, pressure switch and flow switch in one set. The flow switch equipped with KQ pump can prevent the pump from continuously starting and stopping under small discharge, and provide stable water supply; It is very suitable for domestic water supply.

§ Ambient Temperature Range : +5°C ~ +40°C

§ Liquid Temperature Range

: +5°C ~ +40°C - Standard Model

: +5°C ~ +80°C - Thermal-Resistant Model

§ Maximum Operating Pressure : 5 kg/cm²

§ Maximum Discharge Head

KQ200 : 1.5 kg/cm² / 15 m

KQ400 : 2.0 kg/cm² / 20 m

KQ800 : 2.5 kg/cm² / 25 m

● FEATURES

- § All in one booster system, compact size, easy installation and quiet operation.
- § High efficiency multistage centrifugal pump.
- § Electro-coating cast iron or stainless steel pump casing.
- § Stainless steel, rubber diaphragm, air pre-charge pressure tank.
- § Integral flow switch with built-in check valve.
- § Dual motor wiring and pump casing thermal protectors.
- § Reliable constant pressure motor controller



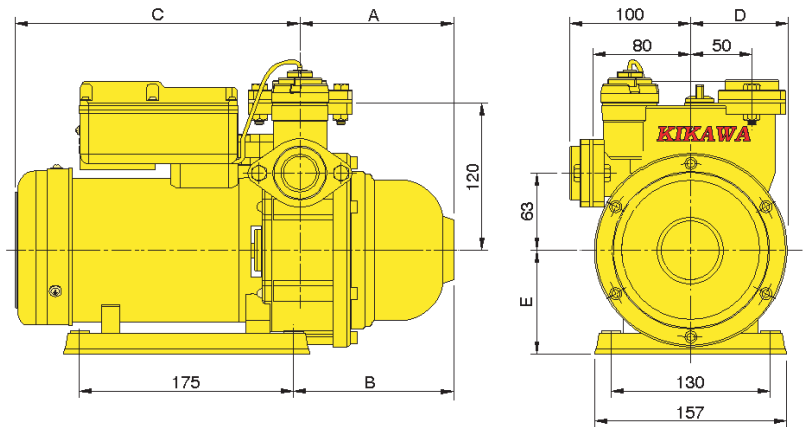
ISO 9001 Certified
KIKAWA PUMP CO., LTD.

SPECIFICATIONS

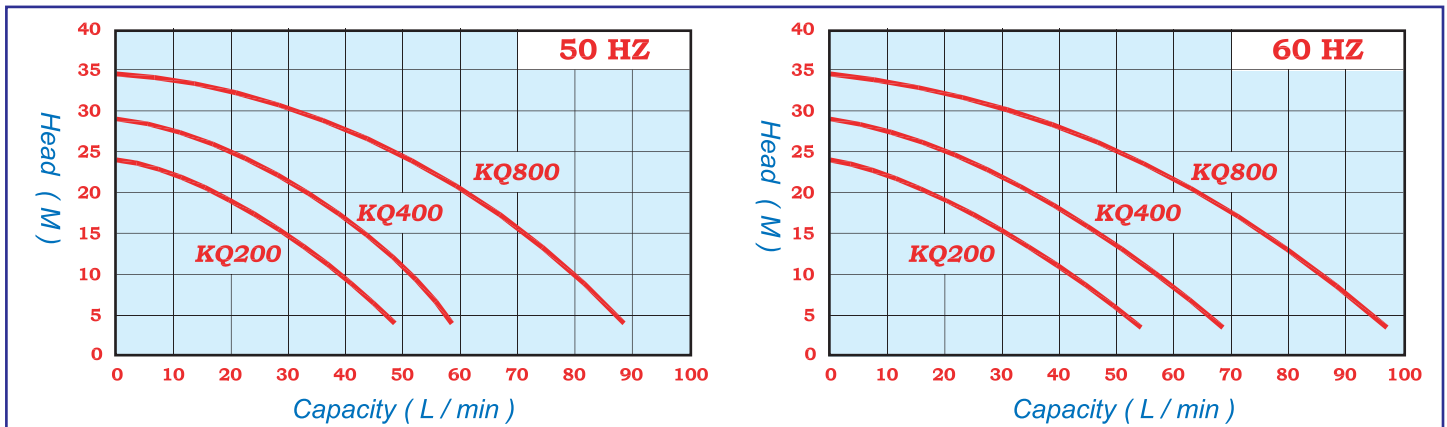
MODEL	Rated Input (W)	Pipe Dia. (mm)	Rated Head (M)	Rated Capacity (l/min)	HZ	Voltage (1Phase)	Stages	Max. Head (M)	Max. Capacity (l/min)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Weights (Kg)	Packing LxWxH (cm)
KQ200 (V) KQ200S (V)	200	20 (3/4")	15	28	50	220/230	3	24	48	165	171	214	80	85	11.0	40.0X20X27
					60	110/220	2	24	55	140	146	214	80	85	10.5	38.0X20X27
KQ400 (V) KQ400S (V)	400	25 (1")	20	32	50	220/230	3	28	58	165	171	230	80	85	11.5	41.5X20X27
					60	110/220	2	28	68	140	146	230	80	85	11.0	39.5x20x27
KQ800 KQ800S	800	25 (1")	25	50	50	220/230	3	35	88	182	188	249	80	90	15.0	44.7X21X27
					60	110/220	2	35	98	155	161	249	80	90	14.5	41.7X21X27

NOTE:

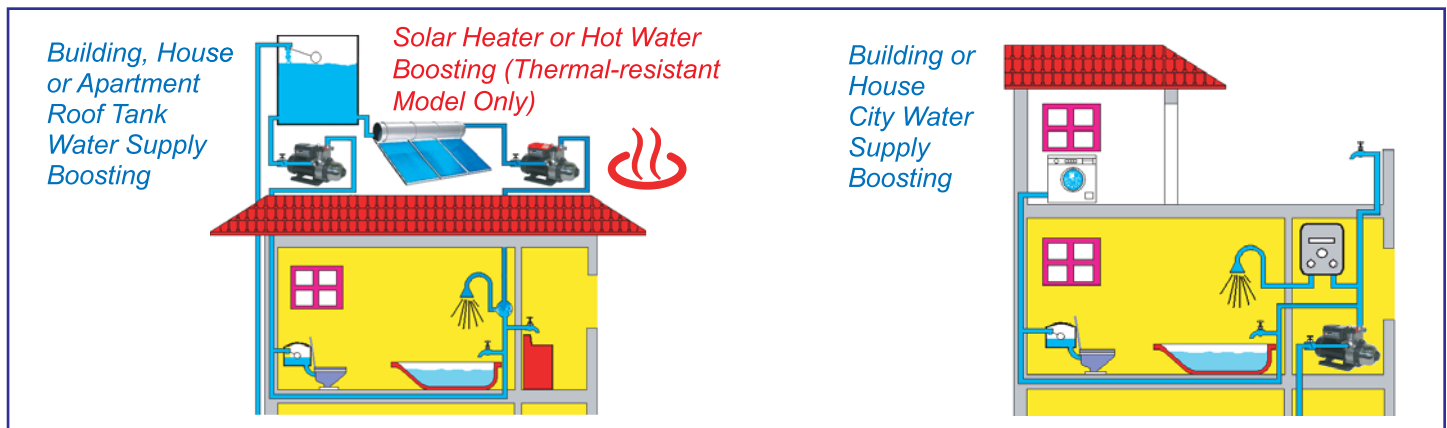
- § KQ200 / KQ400 use steel plate motor frame; KQ800 uses aluminum motor frame.
- § KQ200 / KQ400 / KQ800 are all with anti-corrosion electro-coated cast iron pump casing.
- § KQ200S / KQ400S / KQ800S are with stainless steel pump casing.
- § Models with postfix "V" are thermal-resistant models (using viton mechanical seal, and stainless steel impellers).
- § All the models are equipped with dual motor wiring and pump casing thermal protectors.



PERFORMANCE CURVES



APPLICATIONS



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AGENCY