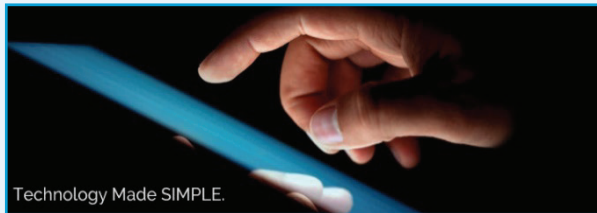


Quark™

ELECTRONIC WATER BOOSTER

An easy, ready-to-use constant pressure water booster for buildings with varying flows.



AUTOMATIC OPERATION

- Speed varies to maintain constant pressure
- Shuts off during no-flow periods.
- Shuts down on loss of source water with auto-restart.
- Shuts down on high outlet pressure with auto-restart.



EASY INSTALLATION

- Set in Place
- Attach Power
- Connect inlet/outlet pipes
- Open valves/Fill with water
- Power On
- Adjust UP/DWN Arrow on keypad to desired pressure

EQUIPMENT

STANDARD

- Stainless Centrifugal Pump
- Electronic Speed Controller
- Electronic Pressure Sensor
- 6 Gallon Hydro Tank
- Safety relief valve
- Discharge Pressure Gauge
- SS discharge piping with Check Valve, Isolation Valve
- Lightweight Aluminum Frame

OPTIONS

- Circuit Breaker
- Disconnect Switch
- Suction Isolation Valve
- Larger Bladder Tank
- Suction Gauge

TECHNICAL DATA

Operating Range:	Flow to 200 GPM; boost to 90 psi
Motor HP:	1 thru 15
Liquid Quality:	Clean, solid/contaminant-free, non-viscous, Non-aggressive, chemically neutral fluids
Liquid Temperature:	0deg C to 40deg C
Maximum Suction Depth:	Flooded suction
Maximum operating pressure:	90 PSI
Maximum Ambient Temperature:	+50deg C
Motor Protection Rating:	ODP
Motor Insulation Class:	F
Installation:	Horizontal
Controller Rating:	NEMA 1 Ventilated
Pipe Connections:	NPT and 150# ANSI Flange (size dependent)
Hydro Tank:	6 Gallon Non-ASME Rated
Pressure Gauge:	0-100 psi Glycerin-Filled
Dimensions (Typical):	16"W x 22"L x 18"H
Voltage (60 HZ):	208-220V/1, 208-230/3 480/3
Approval:	Conforms to NSF 61/372 lead-free drinking water

HORSEPOWER

PSI BOOST

90	3	5	7.5	10	10	10	10	15	15	15
80	3	5	5	7.5	7.5	10	10	15	15	15
70	3	3	5	5	5	7.5	10	10	10	15
60	3	3	3	5	5	5	7.5	10	10	10
55	3	3	3	5	5	5	5	10	10	10
50	3	3	3	5	5	5	5	7.5	7.5	10
45	3	3	3	3	3	5	5	7.5	7.5	10
40	1.5	3	3	3	3	3	5	5	5	7.5
35	1.5	1.5	3	3	3	3	5	5	5	7.5
30	1.5	1.5	1.5	3	3	3	3	5	5	5
25	1	1.5	1.5	1.5	3	3	3	5	5	5
20	1	1.5	1.5	1.5	1.5	3	3	3	5	5
15	1	1	1.5	1.5	1.5	1.5	3	3	5	5
	30	40	50	60	70	80	100	120	150	200

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