

**“NEW SOFT KAWA ACE” MODEL NF2-150S and NF2-250S Home-use type
Electric Water Pump for Shallow Well**



Features:

- * Cleanliness and Rigidity by Fine-cast Stainless Steel Structure
- * Consistent water delivery by low energy operation using inverter and high-efficient DC brushless motor
- * Quiet Operation less 10dB than the conventional motor

General Specifications:

Pumped fluid	Fluid quality/temp.	Fresh water, pH:6.5 to 8, 0°C to 40°C
	Chlorineion	200mg/l or less
Concentration of contained solids/size	50mg/l or less / 0.3mm or less	
Installation location (Ambient temp/humidity)	Outdoor (-10 to 40°C/90% or less)	
Suction conditions	Suction total head: within 8m	
Control system	Operation at fixed discharge pressure using frequency control	
Motor protection method	Electronic thermal, instant overcurrent protection	
Indicator lighting	Charge (Power), Trouble (Alarm)	

NF2-150S Performance

Regulated voltage: 100V Power consumption: 150W

Usage range: Suction head within 8 meters and pressure head within 16 meters

Water suction diameter 20mm and water outlet diameter 20mm

Starting pressure (L1.2 H1.8) Operating pressure (L1.6 H2.2)

When used for suction from the shallow well, the model will give the following performance.

At total head lift of 12 meters

Flow 21.5 liters per minute Suction head 8 meters and pressure head 4 meters

At total head lift of 24 meters

Flow 14 liters per minute Suction head 8 meters and pressure head 16 meters

NF2-250S Performance

Regulated voltage: 100V Power consumption: 250W

Usage range: Suction head within 8 meters and pressure head within 18 meters

Water suction diameter 25mm and water outlet diameter 25mm

Starting pressure (L1.4 H2.0) Operating pressure (L1.8 H2.4)

When used for suction from the shallow well, the model will give the following performance.

At total head lift of 12 meters

Flow 32.5 liters per minute Suction head 8 meters and pressure head 4 meters

At total head lift of 26 meters

Flow 24 liters per minute Suction head 8 meters and pressure head 18 meters

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