



### Product Features

- 3.2-inch LCD display.
- Ultra-quiet drive setting, precise control, small vibration and low noise.
- Imported button control, menu interface, convenient for users to set various parameters at any time.
- With timing dispensing function, various external control functions.

### Model Number

- HF-N6-3L/HF-DZ25-3L
- HF-N6-6L/HF-DZ25-6L
- HF-N6-12L/HF-YZ35

### Technical Specifications

Flow rate range	HF-N6-3L: 0,211~3600 ml/min	Power supply	AC220V±10 % 50Hz/60Hz (standard)
	HF-N6-6L: 0,3~6000 ml/min		AC110V±10 % 50Hz/60Hz (optional)
	HF-N6-12L: 0,00069~12 l/min		
Speed range	0,1-600 rpm	Power consumption	HF-N6-3L:<80W; HF-N6-6L:<180W; HF-N6-12L:<300W
Flow rate accuracy	<0,5 %	Communication interface	RS232,RS485 support MODBUS protocol (RTU mode)
Speed resolution	0,1 rpm	Motor type	Servo motor
Fixed time dispensing function	0,1 s~9999 h	Copy numbers	1-9999 times, setting '0' means unlimited
Control method	Mechanical keypad+Rotary encoded switch	Drive dimension (LxWxH)	HF-N6-3L: 223x152x230 mm
Display	3.2" high definition LCD screen		HF-N6-6L: 283x192x264 mm
Start/stop, direction signal	Passive switch signal, such as foot pedal switch		HF-N6-12L: 302x222x321 mm
External speed control signal	Active switch signal: 5V, 12V and 24V for option	Drive weight	HF-N6-3L: 5,06 kg; HF-N6-6L: 7,88 kg; HF-N6-12L: 13,01 kg
	0-5V, 0-10V, 4-20mA for option	Relative humidity	< 80 %
Output interface	Output motor working status (Open-Collector output)	Environment temperature	0-40°C
		IP rate	IP31
		Back suction angle	0-360

## HF-N6

- Product Composition and Flow Rate Range

Drive	Motor Type	Pump head	Tubing Size	Speed Range (rpm)	Flow Rate(ml/min)
HF-N6-3L	Servo motor	HF-DZ25-3L	15#, 24#, 35#, 36#	0,1-600	0,21~3600
HF-N6-6L		HF-DZ25-6L	15#, 24#, 35#, 36#		0,3~6000
HF-N6-12		HF-YZ35	26#, 73#, 82#		0,69~12000