

INTELLIGENT PERMANENT MAGNET WATER PRESSURE SYSTEM



MAGIC BOX

HMF SERIES

MAGIC BOX intelligent permanent magnet water pressure system is an inverter control multistage centrifugal pump, stable chip, high speed precise pressure sensor, food grade pressure tank, self-developed control mainboard, which can meet kinds of domestic application requirements.

High efficiency permanent magnet motor, stylish and hard ABS cover, anti-vibration feet, which ensure **MAGIC BOX** provide continuous service peacefully.

Excellent hydraulic design, stainless steel impeller and diffuser, provide convenient, clean and healthy water supply.

TECHNICAL DATA

- ◆ Max. flow 8m³/h, max. head 52m
- ◆ Liquid: water without solid or fiber
- ◆ Liquid temperature range: 5~60°C
- ◆ Supply power: 1X220V,50Hz
- ◆ Working condition:
ambient temperature 0~40°C,
Max. humidity 85%(RH)
- ◆ Protection grade: IPX4
- ◆ RPM: 0~4000
- ◆ Installation: Horizontal



MAGIC BOX is a multi-mode intelligent magnet water pressure boosting system specially designed for domestic household, suitable for pressure boosting, domestic application and garden irrigation.



OPERATING CHARACTERISTICS

PUMP TYPE	Q								
	l/min 0	16.5	33	50	66.5	83	100	116.5	133
	m ³ /h 0	1	2	3	4	5	6	7	8
	H (m)								
HMF2-49C	52	51.5	49	46	37.5	27.5	15.5	2.5	
HMF4-30C	37	36	35	33	30	25	22	15	9



ABS

ABS closed cover, water proof, low noisy, stylish

Superior imported material, precision injection, lead to a elegant household product.



Permanent magnet motor+stainless steel pump, energy saving

Permanent magnet motor plus superior hydraulic model, energy saving upto 20%.



Inverter pressure boosting water supply, enjoy quality life

If the pipe pressure bigger than set start-up pressure, inverter won't work, energy saving ;
If the pipe pressure lower than set start-up pressure, inverter starts to work.



Special low noise design, more stable

Scientific electromagnetic design, excellent hydraulic model and superior manufacturing processing lead to unprecedented silent experience.



Water shortage protection

In case of no water, pump is designed to switch off automatically; In case of water resupply, pump is designed to switch on automatically; In case of pipeline burst, pump is designed to switch off automatically.



Leakage protection

Pump is designed to warn after leakage occurs.



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