

iGarden
Artful Living Technology

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iGarden

Inverter Pool Pump

InverY





INVERSilence TECHNOLOGY

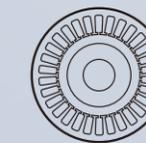
Pool pump is the heart of the swimming pool. For decades, people are using single speed pumps, and they have to endure high energy consumption and high noise. To overcome this dilemma, Fairland has developed InverSilence technology, the leading technology for addressing noise and inefficiency in pump applications.

InverSilence technology combines a full-inverter drive, volute hydraulic structure, and PMSM. With 16,000 calculations per second and precise control of motor, InverSilence creates a super energy-efficient and extremely quiet inverter solution.



Inverter Drive

16,000 calculations per second and precise control.



PMSM (Permanent Magnet Synchronous Motor)

Higher efficiency and more durability.

InverY

ART OF SILENCE

 **INVERSilence**™ Tech

 20 Times
Energy Saving

 40 Times
Silent

 Water-Cooling
technology





30 dBA

UP TO 40 TIMES SILENT

Water-Cooling System

Apart from the InverSilence Technology, the Water-Cooling System makes the pump free of fan, and the operation noise is down to 30dBA@1m, which is 40 times more silent compared to single speed pump.

FULL TOUCH SCREEN CONTROLLER

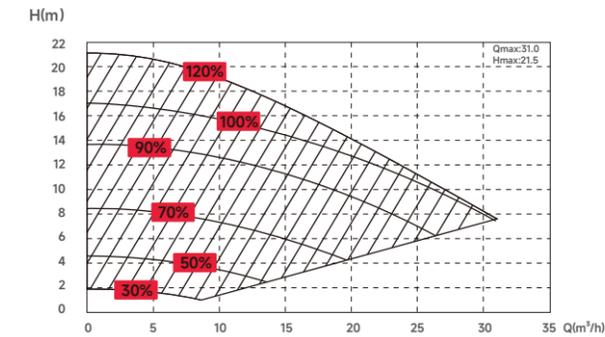
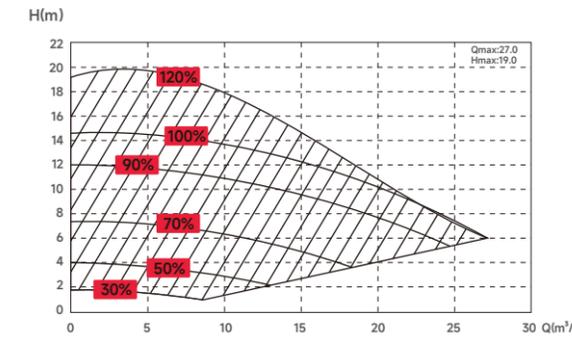
-  AI/MI mode optional
-  Running capacity reading
-  Flow reading
-  Power consumption reading
-  One-click backwash
-  Wi-Fi / Bluetooth control



PARAMETER

Model	P1(KW)	Voltage (V/Hz)	Qmax (m³/h)	Hmax (m)	Circulation (m³/h)	
					At 10m	At 8m
IT24	1.00	220-240/ 50/60	27.0	19.0	21.0	24.0
IT31	1.50		31.0	21.5	27.5	30.5

PERFORMANCE CURVE



OVERALL DIMENSION

