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AQUAGEM®

InverMax

2.5KW Inverter Pool Pump



INVERSilence[®] Tech

InverSilence technology is self-developed by Aquagem for the most silent and saving pump solutions. It combines with full inverter technology, volute hydraulic system and DC brushless motor, not only allows the pump to run intelligently between 30~120% capacity to fulfill different application like filtration and backwash, but also reduces the sound level more than 30 times and saves energy up to 90%.



FULL INVERTER TECHNOLOGY

The inverter drive can precisely control the pump speed round by round. It allows the running capacity to be automatically adjusted between 30~120%, which is most energy saving and silent.



PMSM (PERMANENT MAGNET SYNCHRONOUS MOTOR)

PMSM ensures the pump much less noise, higher efficiency and more durability.



FOC CONTROLLER (FIELD-ORIENTED CONTROL)

For precisely managing the motor, achieve up to 97% Efficiency



Up to 10 times energy saving

Compared with traditional single speed high-power pump (2.4kw)

you can save

12556 kWh

per year

save on electric bill

€ **3139**

per year

Assumptions: A 4-season pool averagely runs 16 hours in 365 days. Electricity price is 0.25€/kWh.

Maximum efficiency based on lab data; actual savings may vary.





Down to 46dB(A)

Quiet as leaves in the breeze

Powered by INVERSilence tech, InverMax adjusts speed to real demand, delivering steady flow and efficient performance with minimal noise — ideal for peaceful poolside moments.



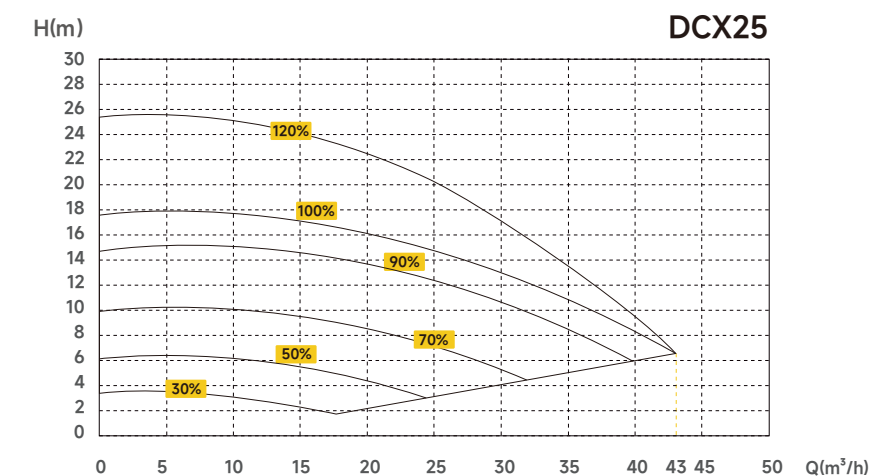
Smart Control

- WiFi control
- AI/MI mode optional
- External Control Optional: RS485 modbus, Digital input, Relay output



OTHER FEATURES

- IE4 motor
- AI/MI mode optional
- Wi-Fi
- External Control Optional
RS485 modbus,
Digital input, Relay output



PARAMETER

Model	P1 max (KW)	Voltage (v/Hz)	Qmax (m³/h)	Hmax (m)	Circulation Flow (m³/h)		
					8m	10m	20m
DCX25	2.50	220~240 50/60Hz	43.0	25.5	40	38	24.7

