AQUAGEM®



UP TO 15 TIMES ENERGY-SAVING

InverCaptain

InverSilence Technology

Thanks to InverSilence technology, the motor speed can be controlled precisely. And with high-efficiency DC brush-less motor, the pump is very energy-saving and quiet. In daily use, to reach the best filtration effect, it is recommended to let the pump run at a small flow, which is extremely quiet and energy-efficient.





Full inverter controller

The inverter drive can precisely control the pump speed. It allows the running capacity to be adjusted between 30~120%.



DC brush-less motor

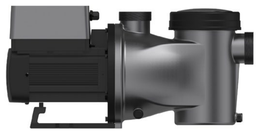
DC brushless motor ensures the pump much less noise, higher efficiency and more durability.


1.5kW
Q@8m:25m³/h
Single Speed Pump
1.2kW
Q@8m:26m³/h
InverCaptain
8760 kWh
Single Speed Pump
Energy Consumption
584 kWh
InverCaptain
2190 €
Single Speed Pump
Electricity Bill
146 €
InverCaptain

Down to 33dB(A)

Apart from the Inverter Technology, the IE4 DC brush-less motor makes the noise down to 33dBA@1m, which is 30 times more silent compared to single speed pump.





InverCaptain

On/off pump

30db(A) 40db(A) 50db(A) 60db(A) 70db(A)

Quiet bedroom at night

Refrigerator

Moderate Rainfall

Washing machine



Intuitive Touch Controller

AI/MI Mode

Auto Inverter Mode:
After setting the flow rate, the pump can adjust the running capacity atutomatically to reach the set flow.

Manual Inverter Mode:
Running capacity can be set from 30% ~ 120% manually

Power consumption reading

One-click backwash

Wifi included control optional

Other Features

External control optional :

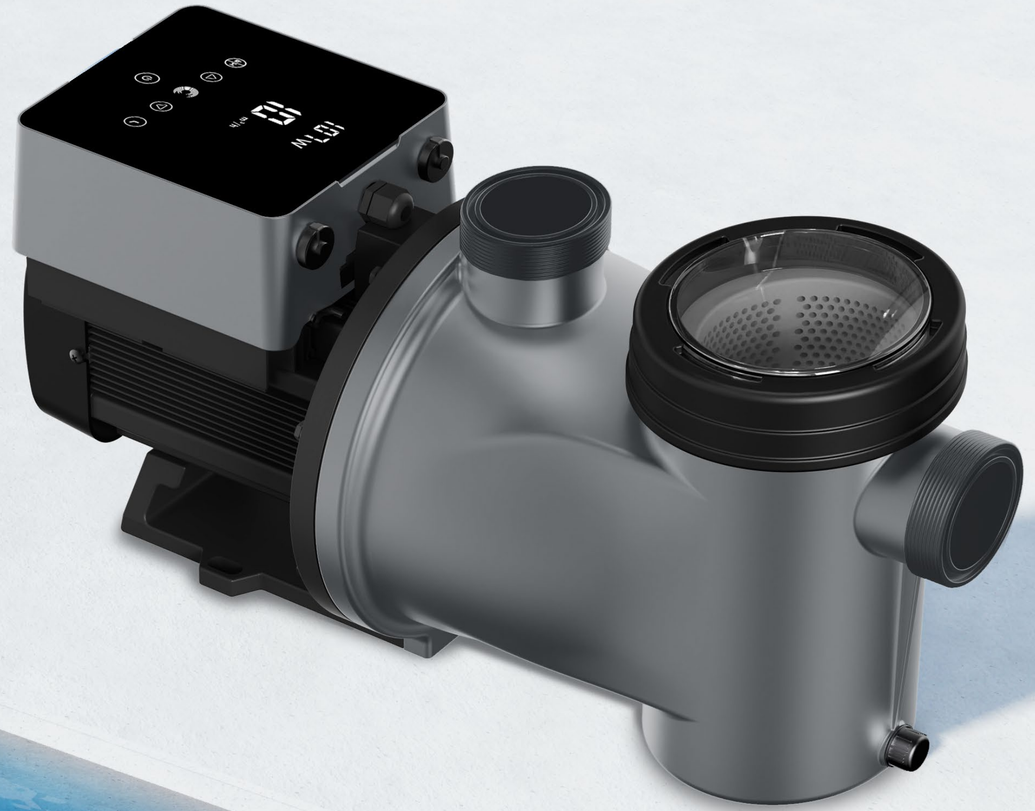
RS485 modbus, Digital input, Relay output

Soft Start

Start from 0 amp to rated amps steadily

Effciency class of motor: IE4

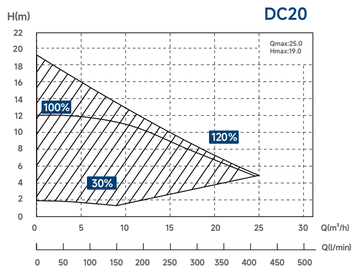
IP rating: IP55

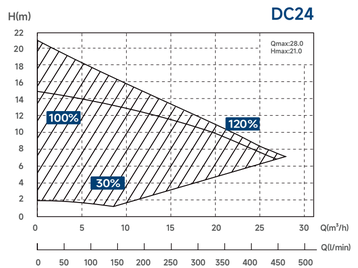


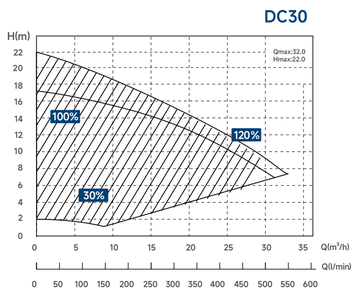
Technical Parameter

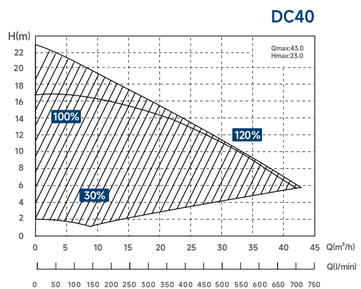
Model	Advised pool volume (m³)	P1 (kW)	Voltage	Qmax (m³/h)	Hmax (m)	Circulation Flow (m³/h) 10m	(Max) 8m
DC20	30-50	0.75	220-240/50/60	24.5	18.0	14.0	18.0
DC24	40-70	1.05		27.0	20.0	20.0	24.0
DC30	50-80	1.40		29.0	21.0	25.4	29.0
DC40	70-100	1.75		40.5	23.0	31.0	36.0

Performance Curve









Overall Dimension

Packing Dimension (mm)
648*270*340

