

The 1st Full Inverter Pool Pump



INVERPRO

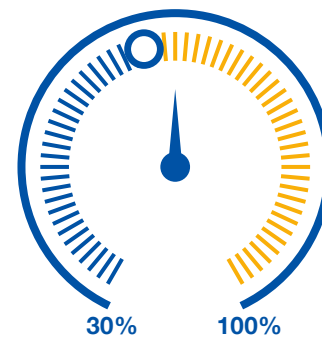
INVERSilence TECHNOLOGY

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 30~100% capacity to fulfill different application like filtration and back-wash, but also reduces the sound level more than 30 times and saves energy up to 90%.

INVERSilence[®] Tech

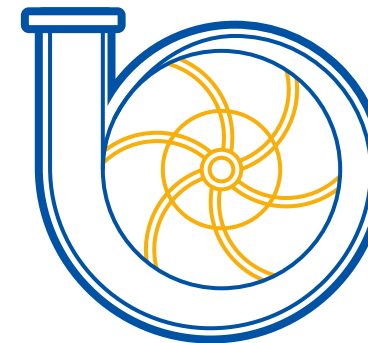
Full Inverter technology

The inverter drive can precisely control the pump speed round by round. It allows the running capacity to be automatically adjusted between 30~100%, which is most energy saving and silent.



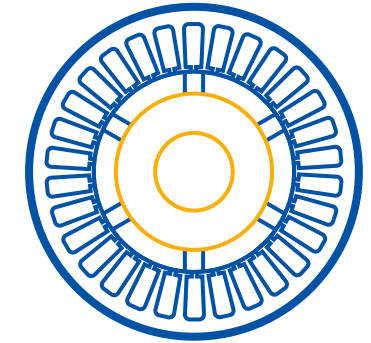
Volute hydraulic system

The noise is isolated by the volute structure which makes more turbulence-free flow at less noise compared with traditional diffuser type.



DC brushless motor

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



Magic Inverter, Up to 15 Times Energy Saving



Inverpro

1500w
25m³/h



ON/OFF Pool Pump

* Flow rate at 8m head

30 Times Quieter than on/off pumps

Whisper

30 dB



Refrigerator



40 dB



Washing machine

60 dB



ON/OFF pool pump

70 dB





PATENT DESIGN

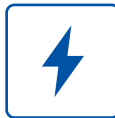


INTELLIGENT FULL TOUCH CONTROLLER



AI/MI mode optional:

- **Auto Inverter mode:**
After setting the water flow, the pump could automatically detect the system pressure and adjust the running capacity to ensure the constant flow.
- **Manual Inverter mode:**
The running capacity can be set manually according to different application needs.



Power consumption reading

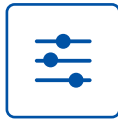


Flow reading



One-click backwash

OTHER FEATURES



External control--RS485 modbus,Digital input, Analog input, Relay output.

It allows the pump to be operated by other equipments.



WIFI optional

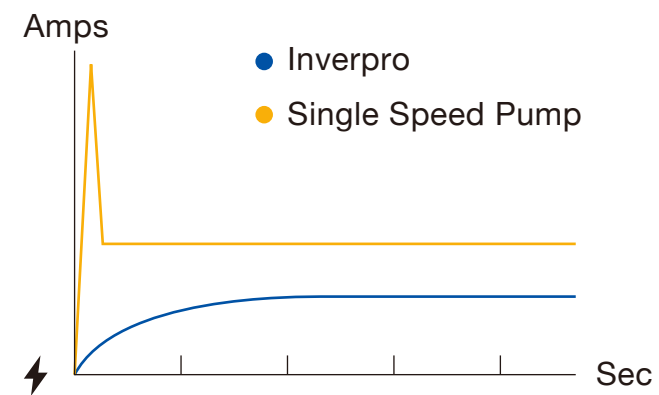
The pump can be controlled at anytime, anywhere.



Soft start--full protection on electrical system

With full inverter technology, Aquagem inverter pump will start from 0 apm to rated amps steadily.

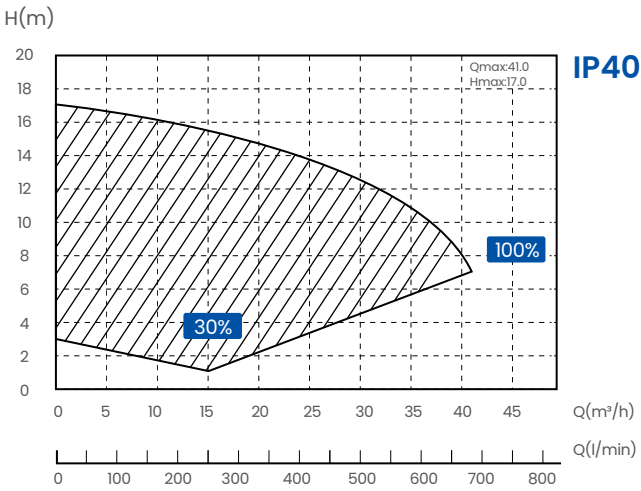
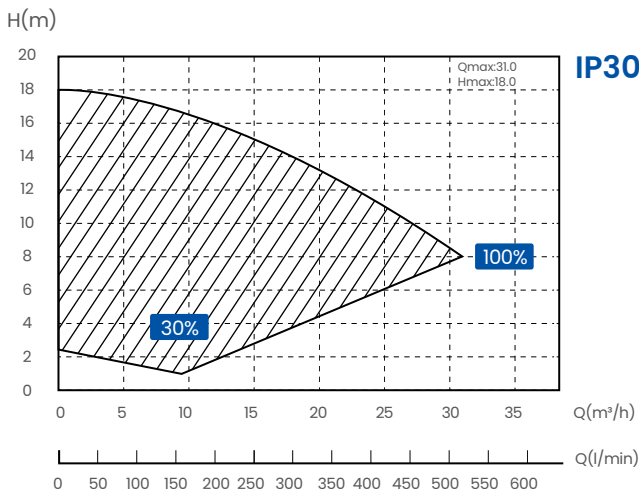
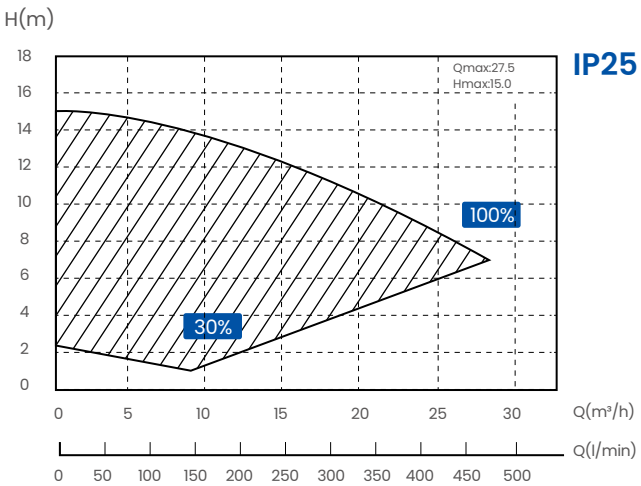
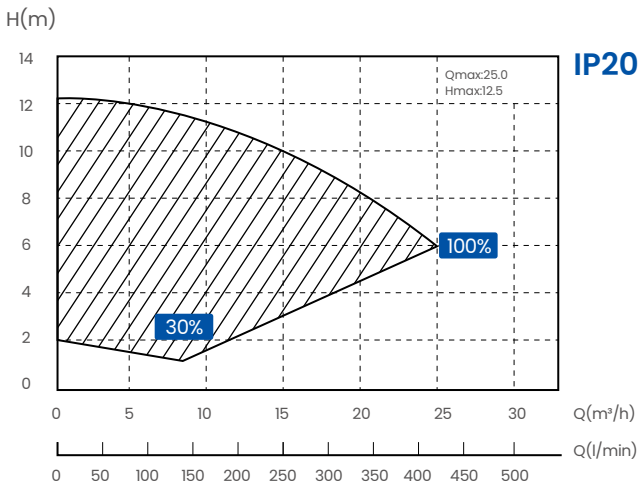
There is no rush to the house electricity system.



TECHNICAL PARAMETER

| Model | Advised pool volume (m³) | P1 (kW) | Voltage (V/Hz) | Qmax (m³/h) | Hmax (m) | Circulation Flow (m³/h) 30%~100% | |
|-------|--------------------------|-----------|-------------------|-------------|----------|----------------------------------|-----------|
| | | | | | | 8m | 10m |
| IP20 | 30~50 | 0.07~0.77 | 220~240 / 50 / 60 | 25.0 | 12.5 | 6.15~20.5 | 4.5~15.0 |
| IP25 | 40~70 | 0.08~1.05 | | 27.5 | 15.0 | 7.7~25.6 | 6.6~22.0 |
| IP30 | 50~80 | 0.09~1.40 | | 31.0 | 18.0 | 9.3~31.0 | 8.1~27.0 |
| IP40 | 70~100 | 0.11~1.80 | | 41.0 | 17.0 | 12.0~40.0 | 11.1~37.0 |

PERFORMANCE CURVE



OVERALL DIMENSION

| Model | 20GP (pcs) | 40GP (pcs) | 40HQ (pcs) | Packing Dimension (mm) |
|---------------------------|------------|------------|------------|------------------------|
| IP20 / IP25 / IP30 / IP40 | 402 | 846 | 987 | 648*270*340 |

