

# INVERTER VARIABLE SPEED PUMP



**CLS**

COMMERCIAL LEISURE SERVICES

**Certikin**  
FLUIDRA



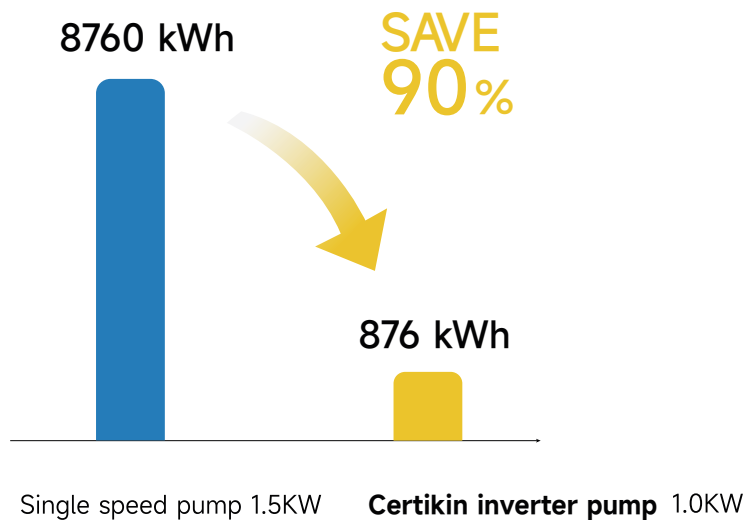
Thanks to InverSilence technology, the motor speed can be controlled precisely by 1 circle. When users need a backwash, the pump can run at 100% capacity. For daily filtration demand, which requires less flow, the pump can run at low capacity, which is extremely quiet and energy efficient. InverSilence technology also increases the life expectancy of the pump due to the PMSM( Permanent Magnet Synchronous Motor), high-quality S316 mechanical seal material and its full inverter drive.



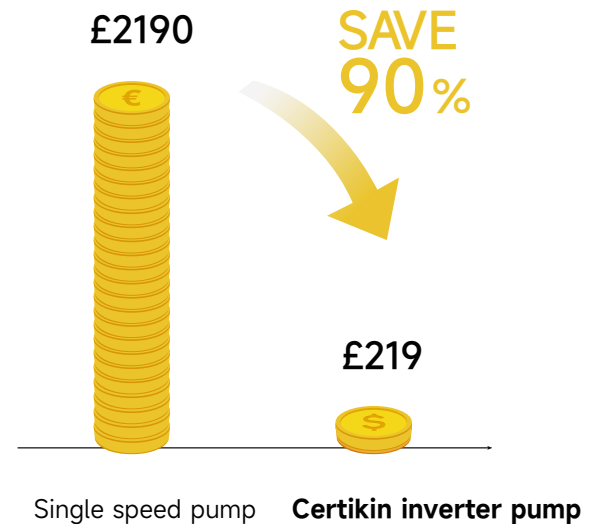
## ▶ UP TO 10 TIMES SAVING

One year energy saving: **7884 kWh**

▶ Energy consumption comparison



▶ Electricity bill comparison



Assumptions: A 60m<sup>3</sup> pool running 365 days per year for 16 hours per day. Electricity price is £0.25/kWh



## ONE OF THE QUIETEST PUMPS IN THE MARKET



10



Whisper



20



Quiet bedroom at night



30



Refrigerator

36



Certikin Inverter Pump



50



Washing machine

60



On/off pump



70



Fan



80



Alarm clock

# SMART & SIMPLE INTERFACE



4 timers for daily  
operation



Running capacity from  
30%~100%



Power consumption  
reading



One-click backwash





## OTHER FEATURES

PMSM

### Efficiency class of motor: IE4

For increased efficiency and to reach extreme silence performance



### Soft start

Start from 0 amp to rated amps steadily



### External control optional: Digital input, RS485, Relay output

To control your pump with more choice



**Ambient temperature:** -10 - 42°C

**Water temperature:** 5°C - 50°C



### Protection class:

Class F, IP55

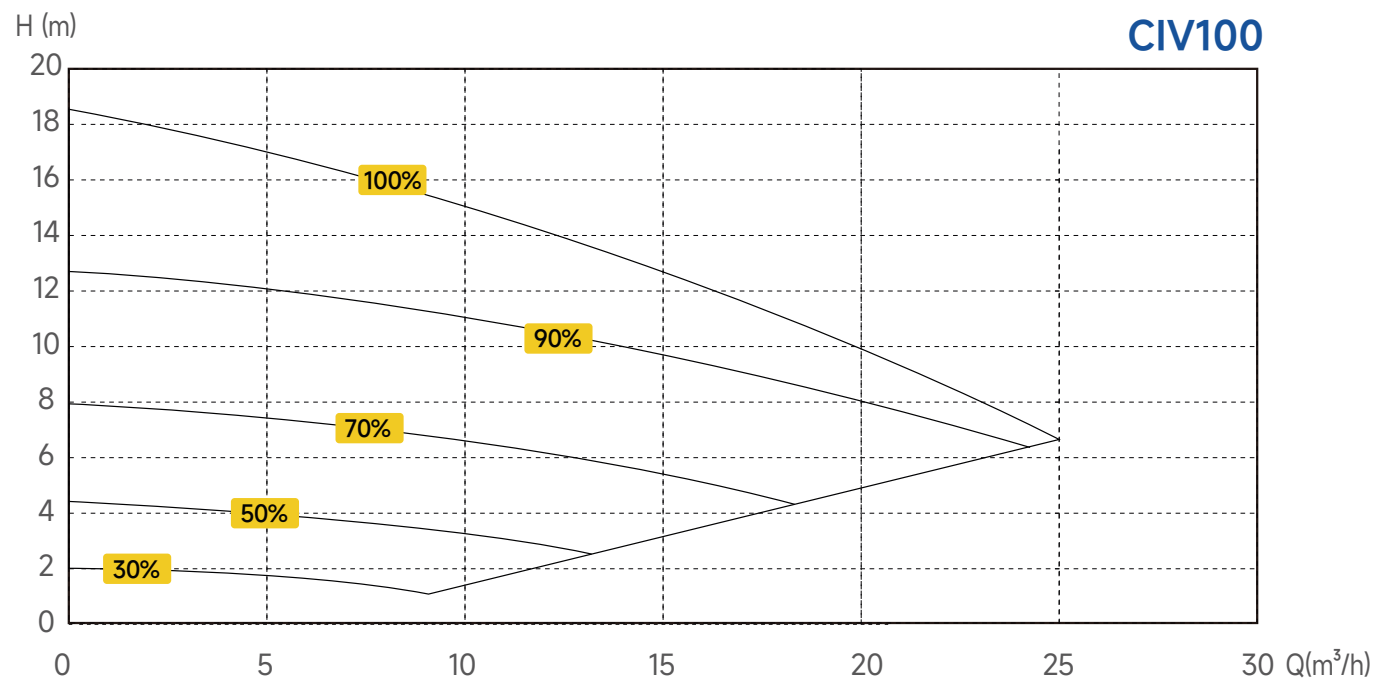


**Salt water compatible**

# TECHNICAL PARAMETER

Model	Advised pool volume (m³)	P1 (kW)	Voltage (V/Hz)	Current (A)	Maximum flow rate (m³/h)	Maximum head (m)	Circulation flow (m³/h)	
							10m	8m
CIV100	40~70	1.00	220~240 50 / 60	4.6	25.5	18.0	18.0	22.0

# PERFORMANCE CURVE





# OVERALL DIMENSION

Model	Packing dimension (mm)
CIV100	585*255*325

