

# INVERTER VARIABLE SPEED PUMP



**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.



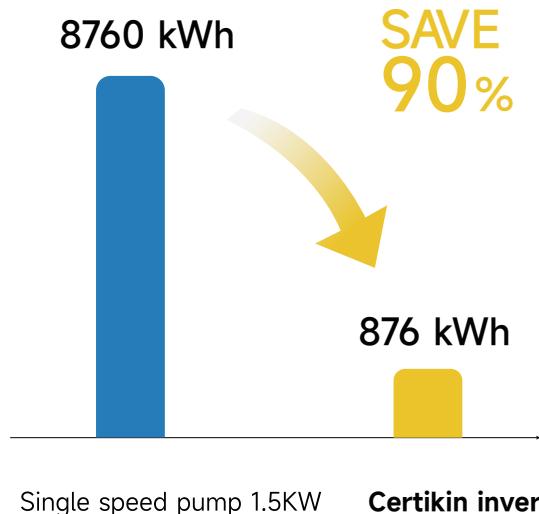


# UP TO 10 TIMES SAVING

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

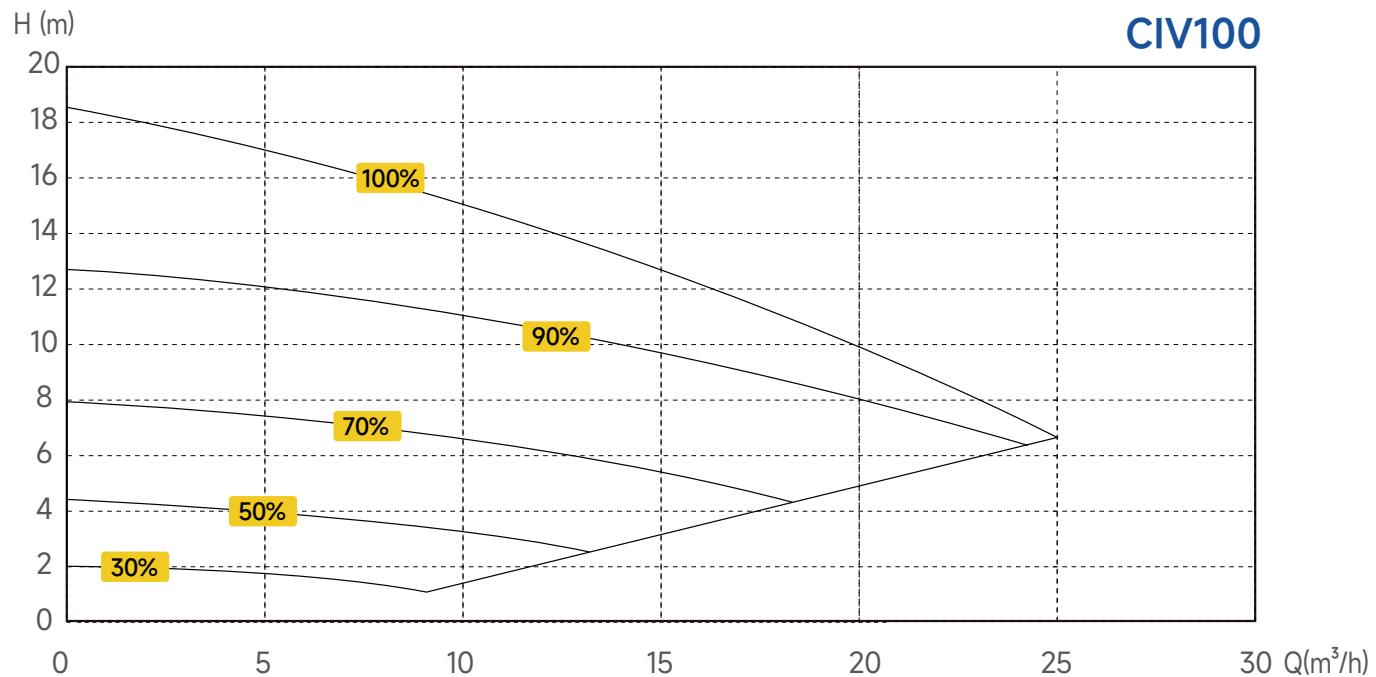


Salt water compatible

# TECHNICAL PARAMETER

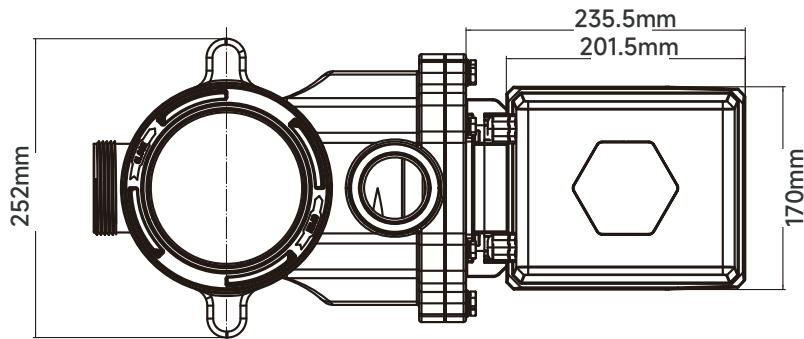
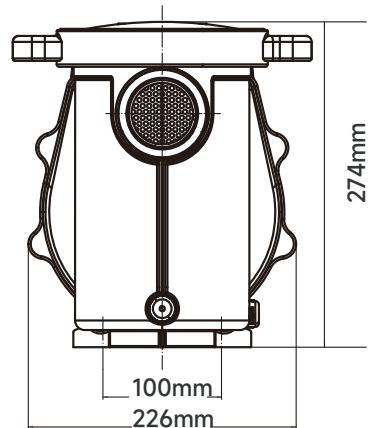
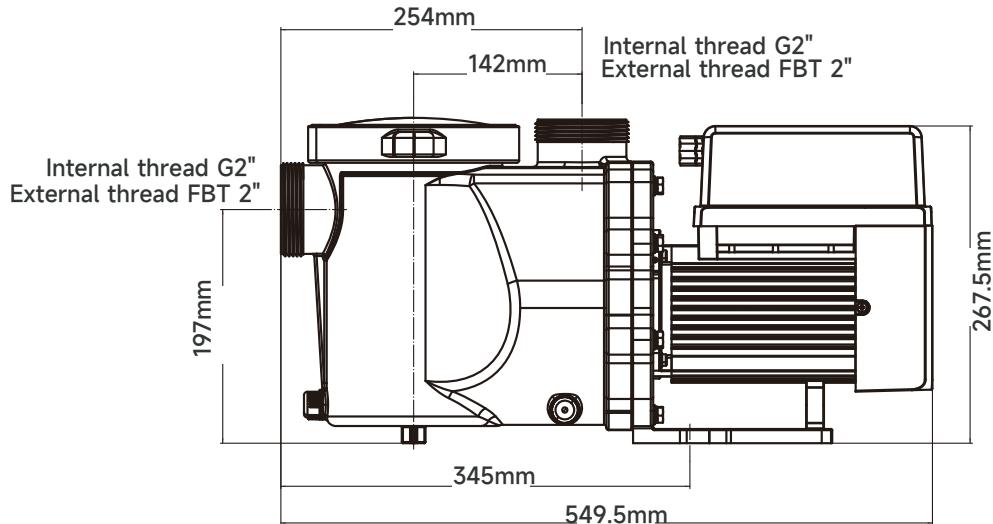
Model	Advised pool volume (m <sup>3</sup> )	P1 (kW)	Voltage (V/Hz)	Current (A)	Maximum flow rate (m <sup>3</sup> /h)	Maximum head (m)	Circulation flow (m <sup>3</sup> /h)	
							10m	8m
CIV100	40~70	1.00	220~240 50 / 60	4.6	25.5	18.0	18.0	22.0

# PERFORMANCE CURVE



# OVERALL DIMENSION

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



**Certikin International Ltd**

<https://www.Certikin.co.uk>

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