

# INVERTER VARIABLE SPEED PUMP



**Certikin**  
FLUIDRA





# THE ALL NEW CERTIKIN INVERTER POOL PUMP

## SMARTER. QUIETER. GREENER.



The pool pump is the heart of the swimming pool and for decades people have been using single-speed pumps, which have high energy consumption and generate significant noise. InverSilence technology has been developed to address these problems and it is this intelligent technology which features in the new Certikin Inverter Pool Pump.

Engineered for performance, designed for sustainability, and built to last – this game-changing pump redefines what's possible in pool circulation: powerful performance with whisper-quiet operation and unmatched energy savings, all in one sleek, robust unit.



### Ultra-efficient inverter technology

Unlike traditional single-speed pumps, the Certikin Inverter Pool Pump with its InverSilence technology automatically adjusts its speed to meet demand – using up to 90% less energy. That means lower running costs and a greener pool all year round. While many inverter pumps use IE3 motors, Certikin's IE4 motor offers superior energy efficiency for even greater peace of mind.



### Quiet, even at full power

Thanks to its precision engineering and variable-speed operation, the pump runs at 36dB, a 40% reduction on traditional on/off single speed pumps.



### Consistent flow, maximum performance

Whether it's filtration or backwashing, the inverter technology provides consistent water flow, adapting intelligently for optimal performance and longevity of your entire pool system.



### Easy to use, built to last

With a user-friendly digital interface and rugged, corrosion-resistant components, the Certikin Inverter Pump is built for hassle-free operation and years of reliable use – even in tough pool environments.



### Eco-friendly & future-ready

Ideal for eco-conscious pool owners, this pump significantly reduces your carbon footprint whilst meeting the latest energy-efficiency regulations.

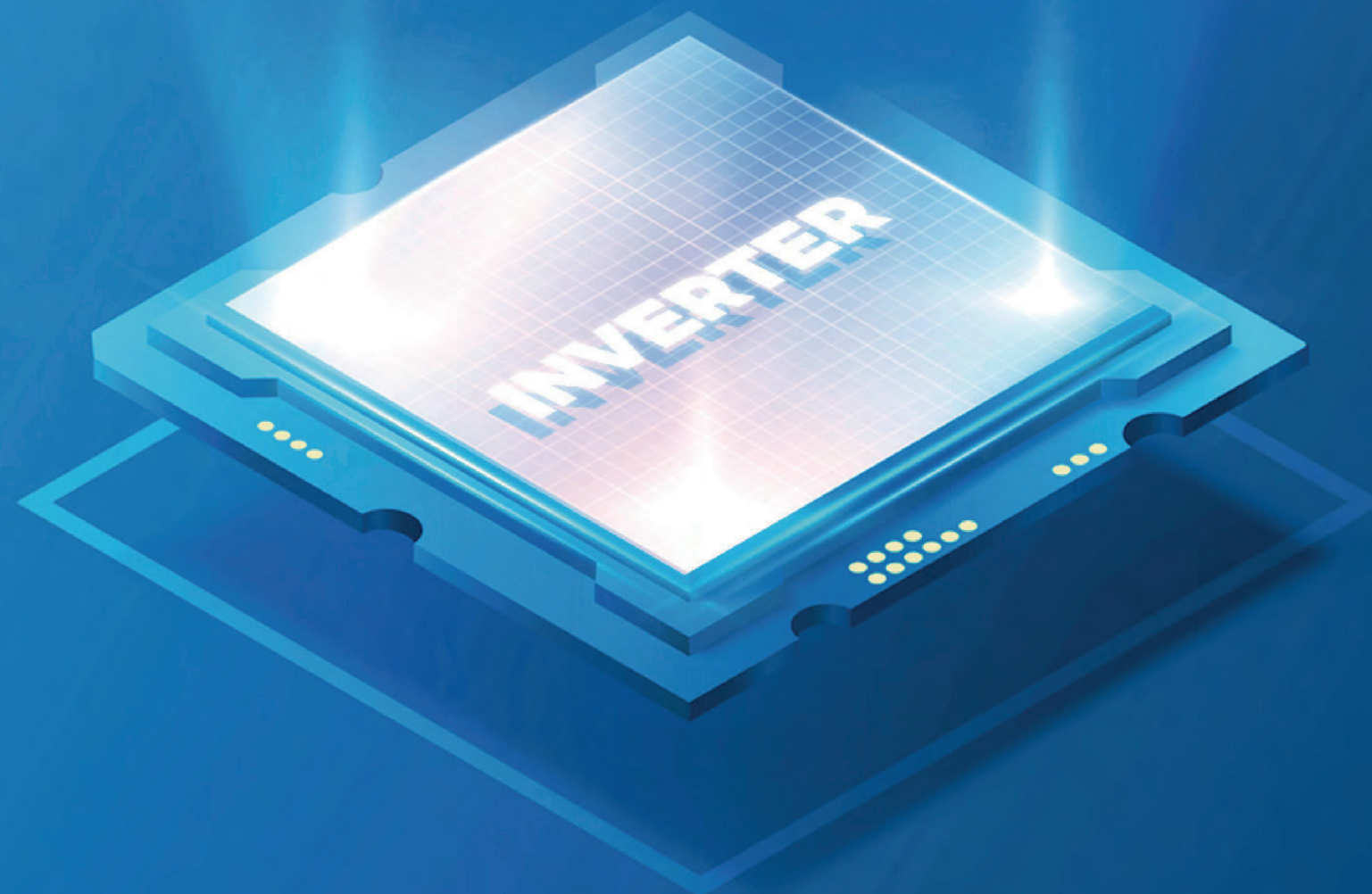


### Ultimate Value for Money

Despite the impressive list of features and benefits above, you will be amazed by the competitive price of the Certikin Inverter Pump. For the first time, Certikin are able to offer a variable speed pump that you can sell at the price of a single speed! There's simply no reason not to.



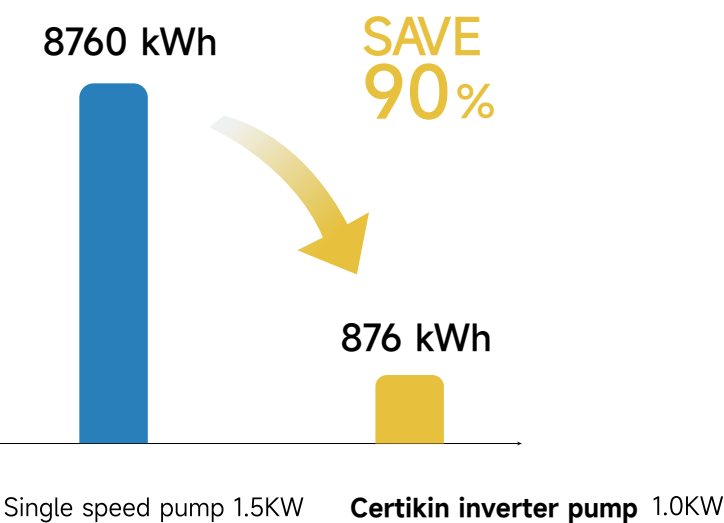
Thanks to InverSilence technology, the motor speed can be controlled precisely by 1 circle. When users need a backwash, the pump can run at 100% capacity. For daily filtration demand, which requires less flow, the pump can run at low capacity, which is extremely quiet and energy efficient. InverSilence 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.



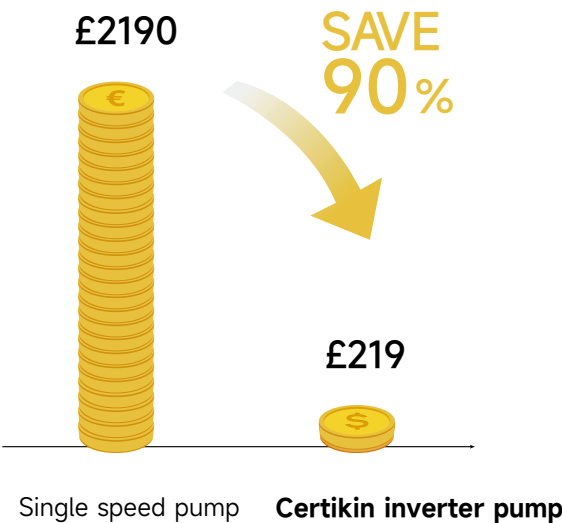
# ▶ UP TO 10 TIMES SAVING

One year energy saving: **7884 kWh**

## ▶ Energy consumption comparison

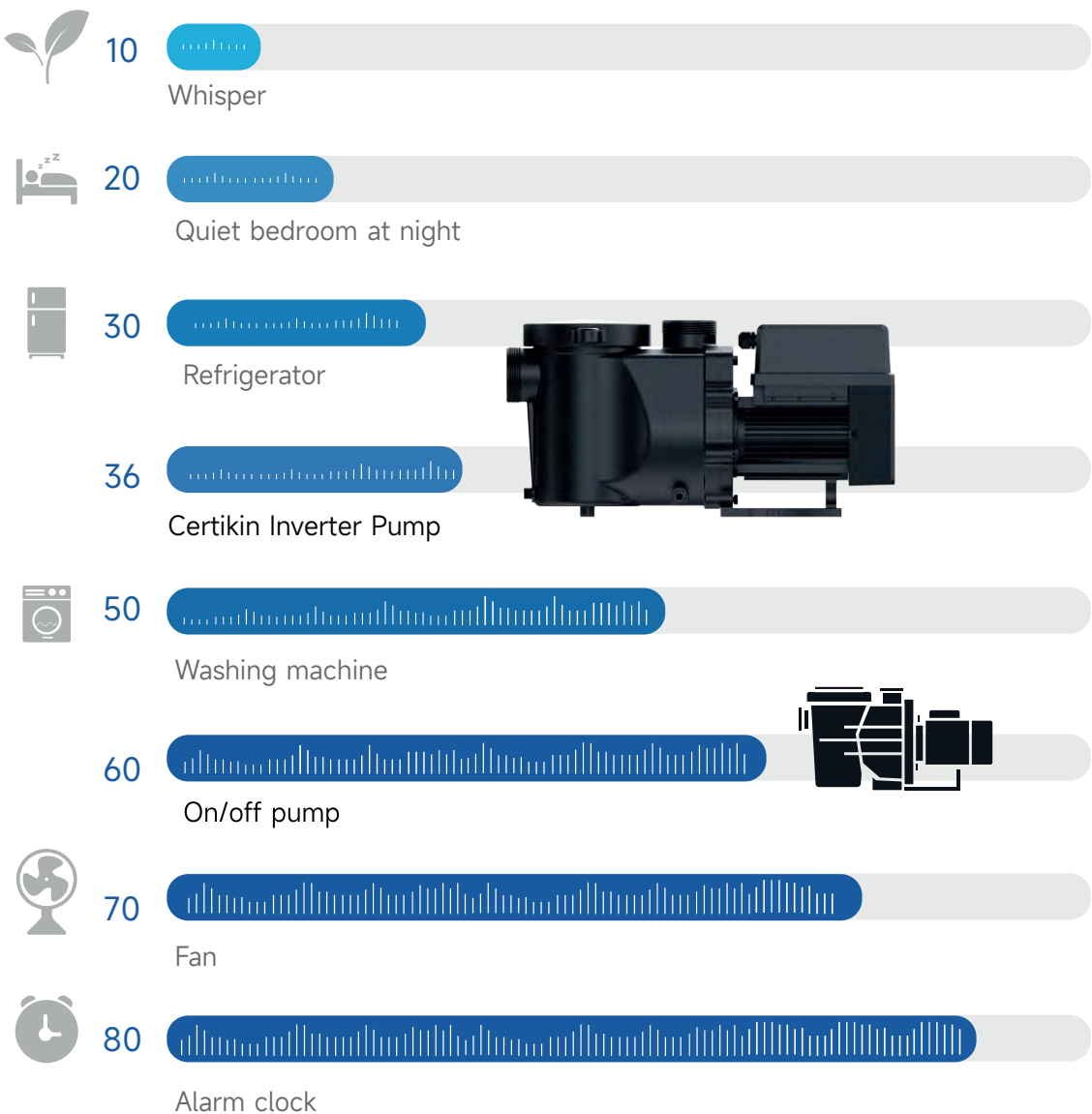


## ▶ Electricity bill comparison



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

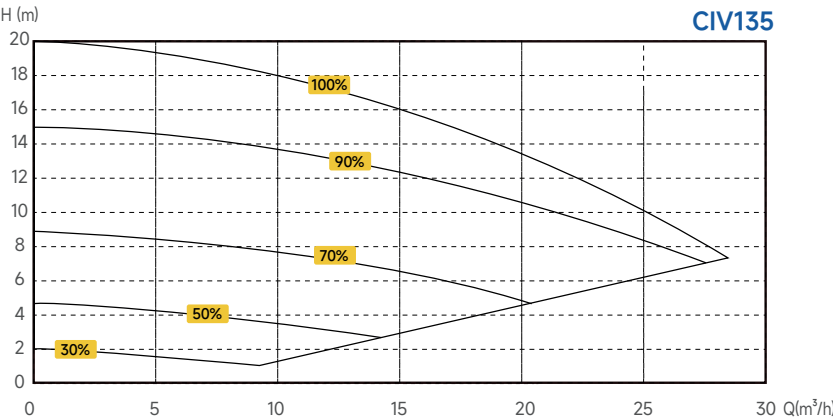
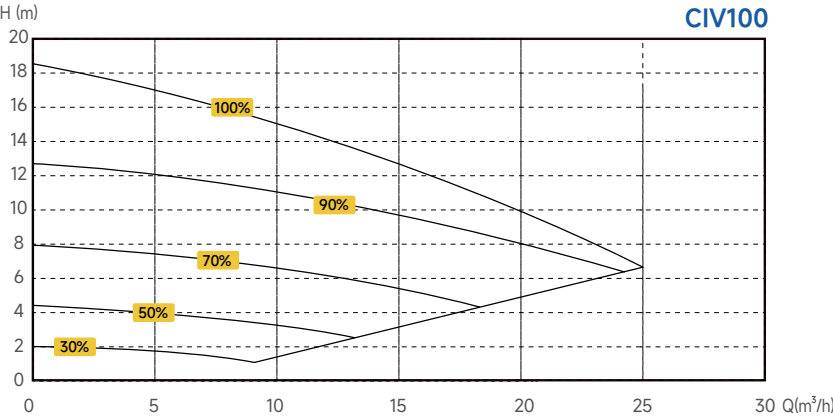
# ▶ ONE OF THE QUIETEST PUMPS IN THE MARKET



# TECHNICAL PARAMETER

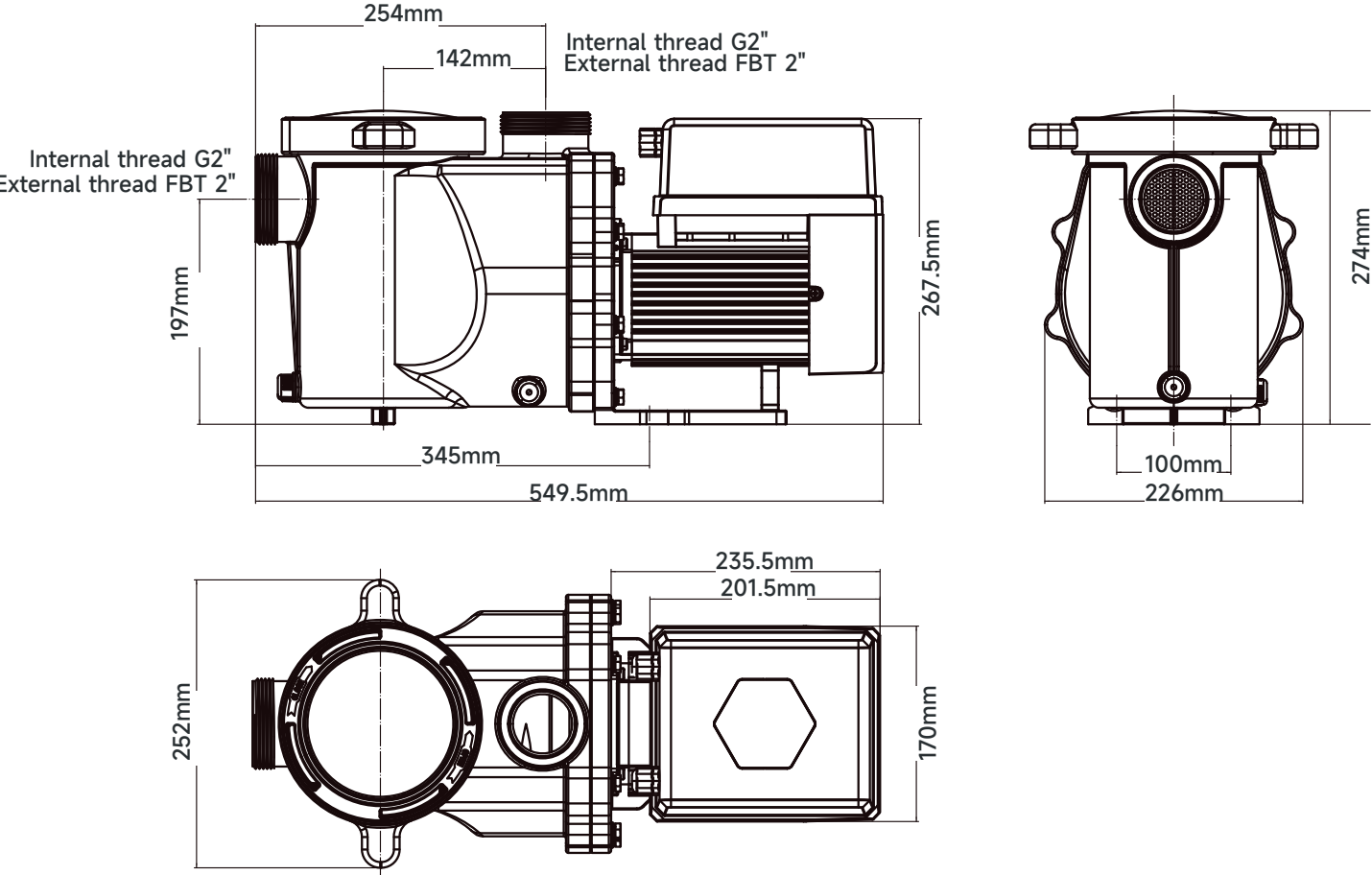
Model	Advised pool volume (m³)	P1 (kW)	Voltage (V/Hz)	Current (A)	Maximum flow rate (m³/h)	Maximum head (m)	Circulation flow (m³/h)	
							10m	8m
CIV100	40~70	1.00	220~240 50 / 60	4.6	25.5	18.0	18.0	22.0
CIV135	50~80	1.35	220~240 50 / 60	6.2	28.5	20.0	24.0	27.0

# PERFORMANCE CURVE



# OVERALL DIMENSION

Model	Packing dimension (mm)
CIV100/CIV135	585*255*325





# SMART & SIMPLE INTERFACE



4 timers for daily  
operation



Running capacity from  
30%~100%



Power consumption  
reading



One-click backwash



**Certikin International Ltd**

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