

INVERTER FOR SAVING

InverEco



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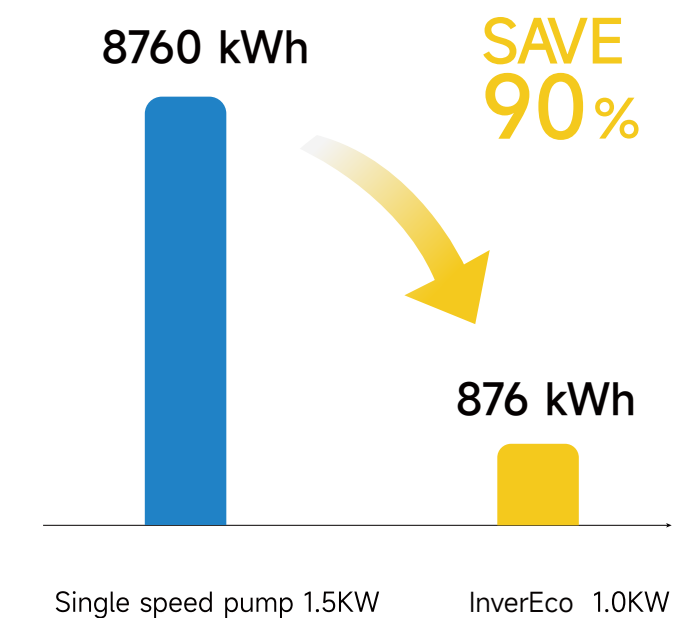
Thanks to InverSilence technology, the motor speed can be controlled precisely by 1 round. When users need a backwash, the pump can run at 100% capacity. For daily filtration demand, which needs small flow rate, the pump can run at low capacity, which is extremely quiet and energy efficient. The life span is also longer due to Aquagem InverSilence technology.



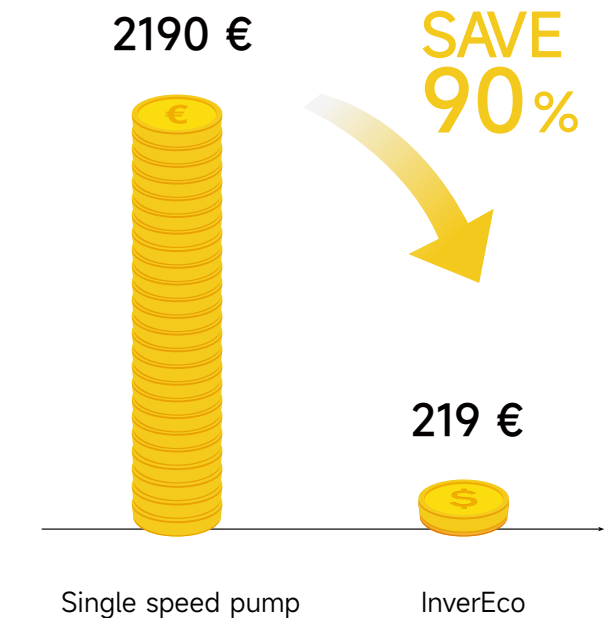
UP TO 10 TIMES SAVING

One year save energy: **7884 kWh**

Energy consumption comparison

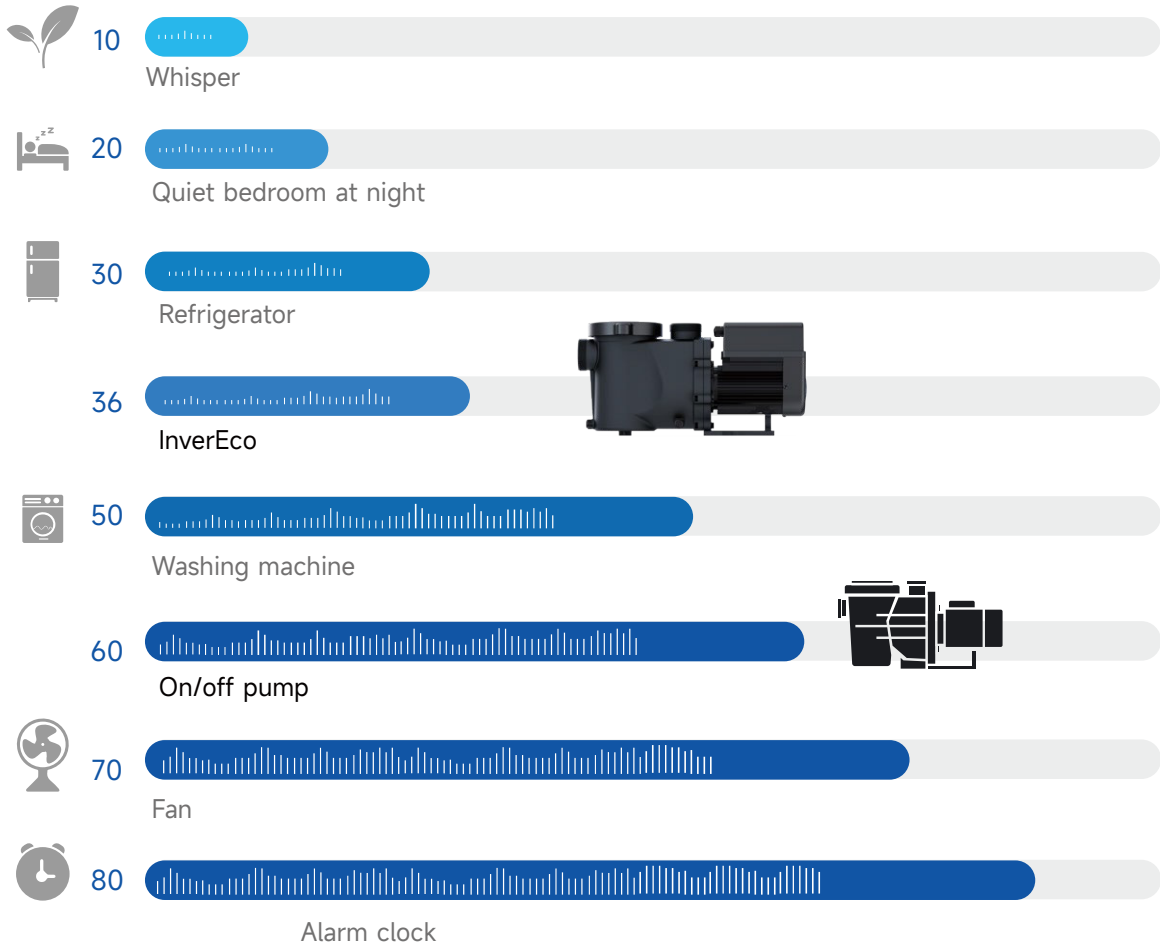


Electricity bill comparison



Assumptions: A 4 season pool size in 60m³, averagely run 16 hours in 365 days. Electricity price is €0.25/kWh.

NOISE DOWN TO 36dB



SMART & SIMPLE INTERFACE



4 Timers for daily operation



Running capacity from 30%~100%



Power consumption reading



One-click backwash





OTHER FEATURES



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



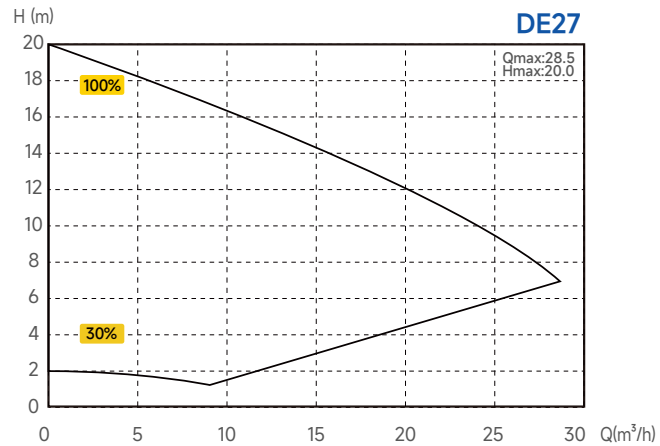
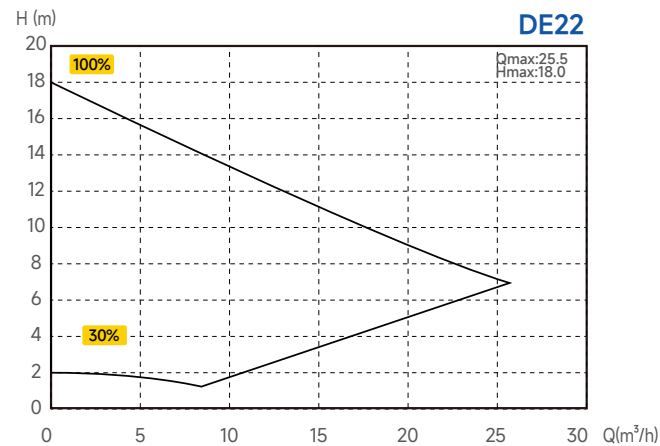
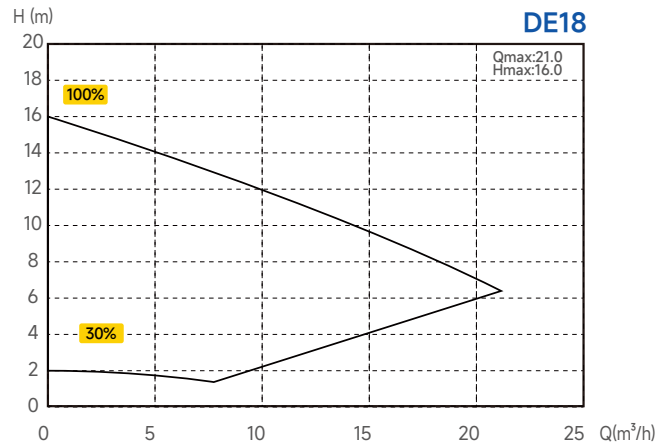
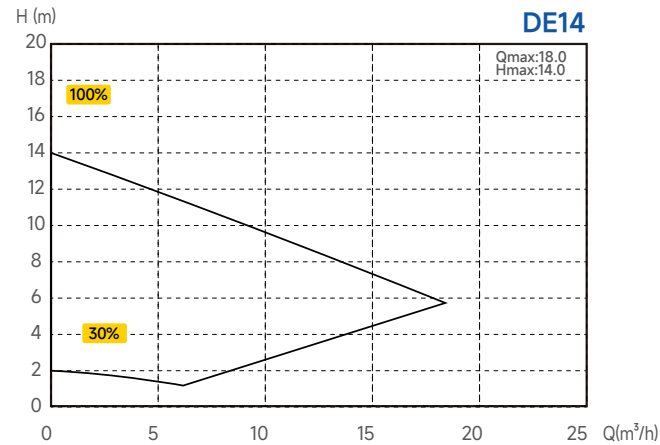
Protection Class:

Class F, IP55

TECHNICAL PARAMETER

Model	Advised pool volume (m³)	P1 (kW)	Voltage (V/Hz)	Current (A)	Qmax (m³/h)	Hmax	Circulation Flow (m³/h)	
						(m)	10m	8m
DE14	20~40	0.60	220~240 50 / 60	2.8	18.0	14.0	9.0	14.5
DE18	30~50	0.75		3.5	21.0	16.0	14.0	18.0
DE22	40~70	1.00		4.6	25.5	18.0	18.0	22.0
DE27	60-90	1.35		6.2	28.5	20.0	24.0	27.0

PERFORMANCE CURVE



OVERALL DIMENSION

Model	Packing Dimension (mm)
DE14 / DE18 / DE22 / DE27	585*255*325

