

INVERTER FOR SAVING

InverEco



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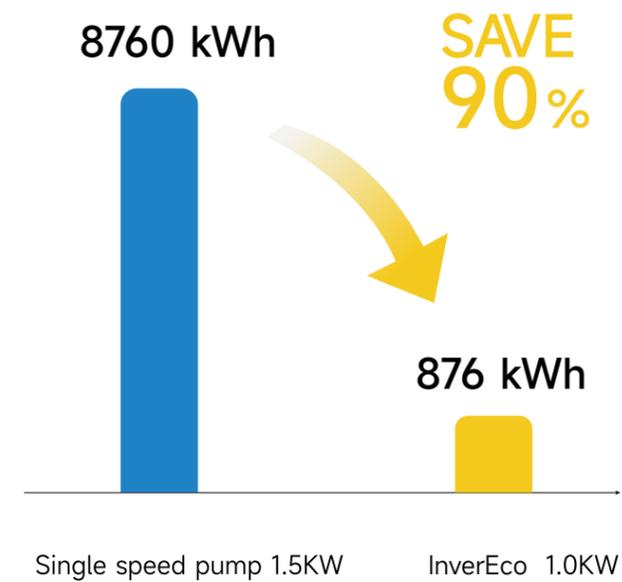
Thanks to InverSilence technology, the motor speed can be controlled precisely by 1 round. When users need a backwash, the pump can run at 100% capacity. For daily filtration demand, which needs small flow rate, the pump can run at low capacity, which is extremely quiet and energy efficient. The life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



UP TO 10 TIMES SAVING

One year save energy: **7884 kWh**

Energy consumption comparison

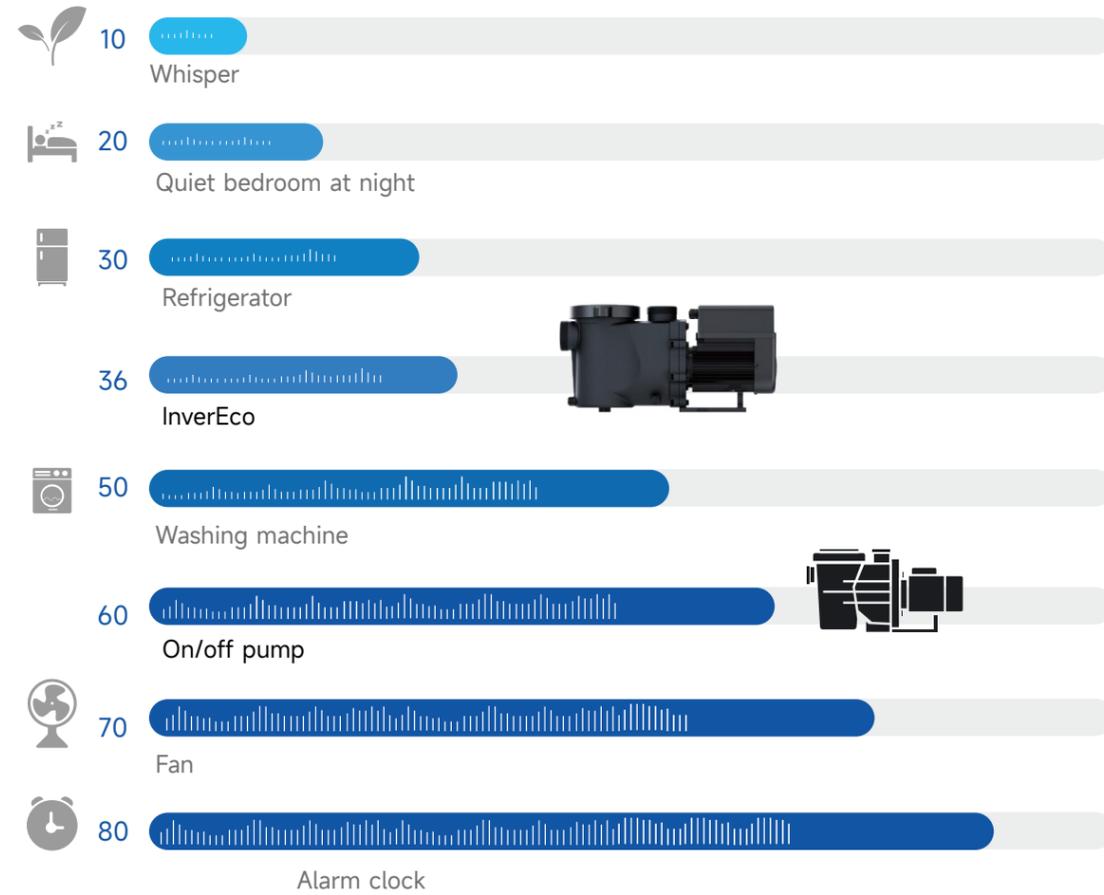


Electricity bill comparison



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

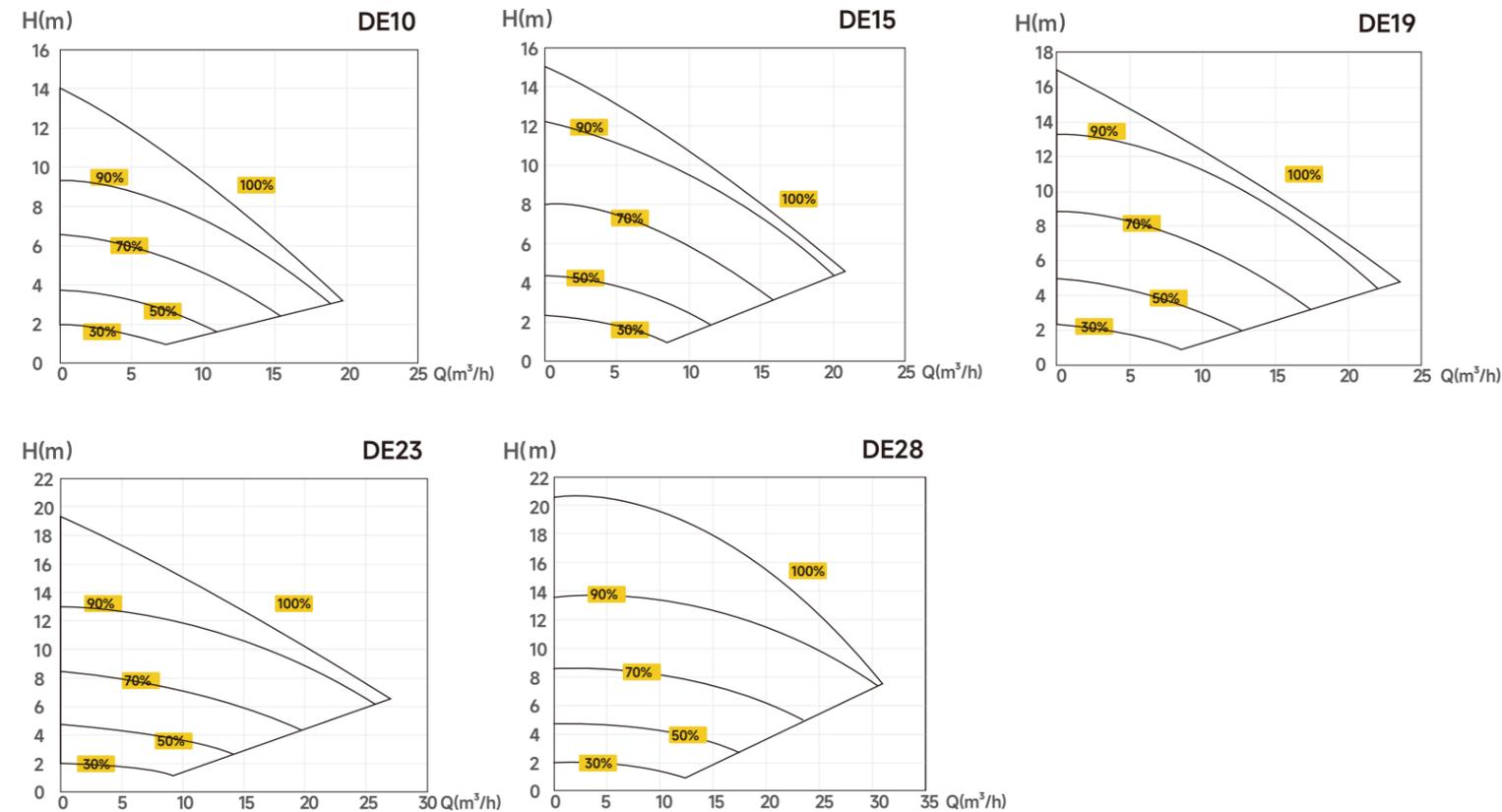


Suitable for sea water pool

TECHNICAL PARAMETER

Model	Advised pool volume (m ³)	P1 (kW)	Voltage (V/Hz)	Current (A)	Qmax (m ³ /h)	Hmax (m)	Circulation Flow (m ³ /h)	
							10m	8m
DE10	20-30	0.50	220-240 50/60	2.3	20.0	14.0	9.0	11.5
DE15	20-40	0.66		2.9	21.0	15.0	11.0	15.0
DE19	30-50	0.80		3.6	23.5	17.0	14.5	19.0
DE23	40-70	1.10		5.0	27.0	19.0	20.0	25.0
DE28	60-90	1.50		6.5	31.0	20.5	28.0	30.0

PERFORMANCE CURVE



OVERALL DIMENSION

Model	Packing Dimension (mm)
DE10 / DE15 / DE19 / DE23 / DE28	585*255*325

