



IE4
EFFICIENCY CLASS

ocean.

FILTER PUMP

INVER IQ 300

< 85% ENERGY SAVING

The combination of the innovative inverter technology and the new, highly efficient IE4 synchronous motor ensure energy savings of up to 82% compared to conventional pumps.

SMART CONTROL

The Inver iQ 300 enables intelligent filter pump control thanks to integrated control, as well as connection to external controls via Modbus RTU

Ocean®**FILTER PUMP**

INVER IQ 300

TECHNICAL DETAILS

The Ocean® filter pump Inver iQ 300 is equipped with **inverter technology** and can be operated with variable speed. The pump can be used for different pool sizes. The **IE4 permanent magnet motor** stands for highest efficiency and significant **energy savings of up to 82 %**.

- » High efficiency IE4 motor, single phase, the motor is sensorless and brushless, reducing motor temperature which extends the life of bearings and mechanical parts
- » 4 daily filter cleaning programs are individually configurable
- » Double connection options internal and external thread 2" (d63)
- » Volume flow up to 30m³/h at 10m/h
- » Volume flow control
- » Large pre-filter (4,6l) incl. 2-part lid with key for easy opening
- » Stainless steel screws + stainless steel shaft
- » Housing made of glass fiber reinforced plastic
- » 2 drains
- » Suitable for salt electrolysis (< 7gr/l)
- » 2 free programmable relay outputs (5A/230V)
- » 2 digital inputs (e.g. forced ON for overflow control, heating control)
- » Input for NTC temperature sensor
- » Modbus RTU interface
- » Maximum safety:
Overvoltage and low pressure protection, dry run protection, protection against input voltage fluctuations
- » Error message in case of dirty pre-filter
- » Protection class IP55

EXTREMELY QUIET

SOUND LEVEL COMPARISON

30 db**WHISPERING****40 db****Inver iQ 300****90 db****HAIR DRYER****QUIET****ECO**

<450 m³
POOL VOLUME

< 30 m³/h
FLOW RATE

IP55
PROTECTION CODE

INVERTER
TECHNOLOGY

MODBUS
CAPABLE

< 7 gr/l
SALT WATER RESISTENT

CONTROL

The smart software allows to set not only different speeds but also variable or constant flow rates (without sensors).

A simple setup wizard ensures that the pump and installation remain fully operational.

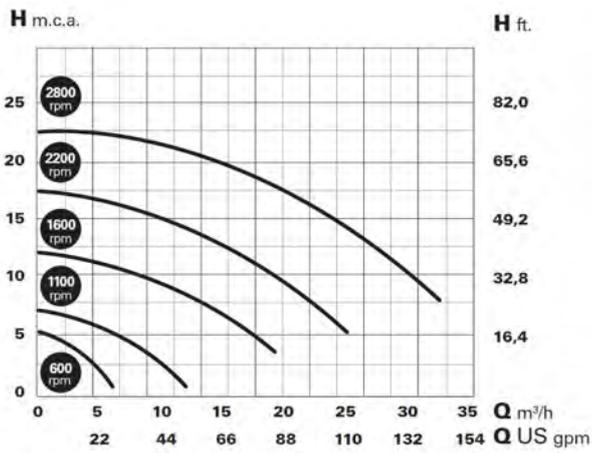
DETAILS:

- Modbus RTU
- 2 freely programmable relay outputs (5A/230V)
- 2 Digital inputs (E.g. Forced heating, overflow control)
- Large LCD display
- Integrated interface for control of salt electrolysis, heat pump, lighting,...

**AUTOMATIC**

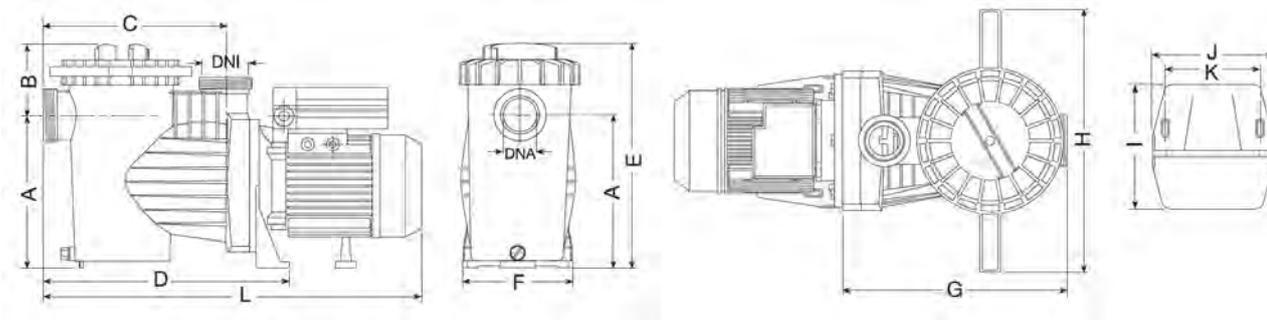
TYPE	Prod.No.	VOLTAGE 50/60 Hz	P1 max W	P2 RATED POWER kW PS		I max A	SOUND LEVEL max db (A)
Inver iQ 300	7301537	230 V	2,53	2,2	3	10,5	< 45 db

CHARACTERISTIC CURVE



The performance curves are based on the values of kinematic viscosity = 1 mm²/s and density 1000 kg/m. Curve tolerance according to ISO 9906.

DIMENSIONS



TYPE	A	B	C	D	E	F	G	H	I	J	K	L	DNA DNI	PACKAGING			WEIGHT kg	PIECES/ PALLET
														L1	A1	H1		
Inver iQ 300	216	109	277	370	325	206	325	400	220	205	160	630	2"	705	230	360	17,4 net 18,4 gross	25

