

EFFICIENCY AND SUSTAINABILITY FOR ALL TYPES OF POOLS

The Power Force Inverter is the ultimate solution for efficient and sustainable climate control, designed to deliver superior performance throughout the year. With a range of advanced technical features, this equipment is ideal for commercial and residential environments seeking energy efficiency and quiet operation.

POWER FORCE INVERTER

R32

1 SUSTAINABILITY

It uses **aerothermal heating**, a renewable and clean energy source, reducing emissions and leveraging green electricity. Employs **R32 refrigerant gas**, which has a lower environmental impact compared to traditional refrigerants.

REVERSIBLE

2 ENERGY EFFICIENCY

The **Full Inverter** technology provides the energy required by the installation, adapting to any need. Efficient performance in **ambient temperatures from -12°C to 38°C** and **water temperatures from 10°C to 40°C.**

3 EXCEPTIONAL PERFORMANCE

High **coefficient of performance (COP), reaching up to 6.53** under optimal conditions (Class A). The **output power** varies depending on conditions, with a **maximum of 43.92 kW at 26°C** air and water. Features an **automatic defrost inversion system** for operation in air temperatures **below 10°C.**

LOW NOISE LEVEL

4 QUIET OPERATION AND DURABILITY

The **anodized aluminum body** offers superior **corrosion resistance**, reduced weight for easier handling, and is fully **recyclable**. Acoustic power of **50 dB(A)**. High resistance to dust and water splashes with **IP44 protection**.

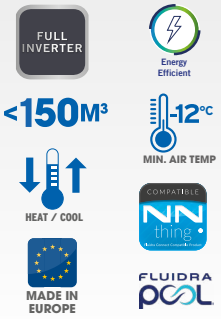
COMPACT

5 DESIGN FLEXIBILITY

The **compact design** of the Power Force Inverter makes it **lightweight** and very flexible to find the best location in the technical room of the pool, **adapting to different spaces and needs**.

ADDITIONAL FEATURES

- **LCD Screen: Intuitive interface for easy control.**
- **Heating Priority Mode: Filtration pump control for maximum efficiency.**
- **Remote Control and Home Automation: On-Off control via a remote switch or home automation system.**
- **Titanium Heat Exchanger: Compatible with saltwater treatments.**
- **Inverter Compressor: Efficient and durable compression technology**



TECHNICAL SPECIFICATIONS

Model		POWER FORCE INV 30	POWER FORCE INV 40
Code		WH000625	WH000626
Operating temperature		AIR -12 to 38 °C / WATER 10 to 40 °C	
Operating pressure		REFRIGERANT 1,5 to 41 bar (0,15 to 4,1 MPa) / WATER 0 to 3 bar (0 to 0,3 MPa)	
Power supply		380-400 V / 3 N ~ / 50-60 Hz	
Admissible variation in voltage		± 6 % (during operation)	
Hydraulic connections		2 PVC Unions Ø 63 mm	
Protection class		I	
Pollution degree		2	
Protection rating		IPX4	
Installation location		Outdoors	
EN1765 rating		A	A
EN1765 SCOP		8,19	8,03
Nominal electric current*	A	9,34	11,39
Maximum electric current	A	21,32	22,57
Minimum cable section**	mm2	5 X 4	5 x 4
Acoustic power ***	dB (A)	60	
Acoustic pressure 10m***	dB (A)	40	
Recommended water flow	m3/h	10	
Number of frigorific circuits		1	
Type of refrigerant fluid		R32	
Refrigerant fluid load		4,5 kg / 3,038 TeqCO2	6 kg / 4.05 TeqCO2
Service temperature (max/min)	ºC	62 / -48	
Approximate weight	kg	205	210
PERFORMANCES Air 15ºC / Water 26ºC / Humidity 70%			
Power Output / Consumed @100%	kW	28.26 / 5.13	35.37 / 6.93
Power Output / Consumed @65%	kW	18.32 / 2.93	23.99 / 3.80
Power Output / Consumed @30%	kW	9.41 / 1.15	11.99 / 1.50
COP @100%		5,5	5,1
COP @65%		6,25	6,31
COP @30%		8,18	7,96
COP average (Tm)		5,99	5,75
PERFORMANCES Air 26ºC / Water 26ºC / Humidity 70%			
Power Output / Consumed @100%	kW	34.86 / 5.33	43.92 / 7.03
Power Output / Consumed @30%	kW	12.03 / 1.00	15.22 / 1.26
COP @100%		6,53	6,24
COP @30%		12,02	12,01
PERFORMANCES Air 7°C / Water 26°C / Humidity 90%			
Power Output / Consumed @100%	kW	23.71 / 5.53	30.26 / 7.17
COP @100%	kW	4,28	4,22

Guarantee. It includes a 5-year anti-corrosion warranty on the titanium condenser, ensuring protection of the equipment against the effects of the environment and prolonged use.

Power Force Inverter is the perfect choice for those looking to combine state-of-the-art technology with sustainability and efficiency. Its robust design and advanced features ensure optimal climate control and reliable operation all year round.

3 YEAR WARRANTY

5 YEAR CONDENSER WARRANTY ANTI-CORROSION

©2023 Fluidra. All rights reserved. ZODIAC® is a registered trademark of Zodiac International, S.A.S.U., used under license.
All other trademarks and trade names are the property of their respective owners.