



EFFICIENCY AND SUSTAINABILITY FOR COMMERCIAL POOLS

The Z950 Inverter heat pump is the ideal choice for large pools in hotels, campsites, sports clubs, public pools, spas, and water parks. Its Full Inverter technology maximizes energy savings, providing both efficiency and sustainability.

Z950 INVERTER



1 SUSTAINABILITY

It utilizes **aerothermal heating**, a renewable and clean energy source. Additionally, it uses **R32 refrigerant gas**, which has a lower environmental impact compared to traditional refrigerants.



2 ENERGY EFFICIENCY

Inverter technology maintains a constant temperature with reduced consumption. It achieves a **COP of up to 6.35 under optimal conditions** and operates efficiently across a wide range of temperatures.



3 SUPERIOR PERFORMANCE

Provides up to **126.98 kW of power with low energy consumption**, adapting to the system's specific needs and operating efficiently in **different climatic conditions (down to -15°C)**.



4 QUIET OPERATION AND DURABILITY

The Z950 Inverter operates quietly (**only 58 dB[A]**), and its design minimizes component wear, extending its lifespan and **reducing maintenance needs**. Additionally, its chassis, made of galvanized steel with epoxy paint, ensures the equipment's durability.



5 EASY INSTALLATION

Its **compact design** and **titanium heat exchanger** allow for quick installation and **compatibility with any water treatment**. Hydraulic connections from 63 to 75 mm make it easy to integrate into various systems, and its robust anodised aluminium body ensures durability in demanding environments.

ADDITIONAL FEATURES

- Removable LCD display
- Compatible with Fluidra Connect for optional Wi-Fi automation and control
- Automatic defrost and anti-freeze thermostat
- Full inverter scroll compressor and electronic expansion valve



<305M³



TECHNICAL FEATURES

Model		Z950I 35	Z950I 45	Z950I 60	Z950I 90	Z950I 120
Standard Model		WH000627	WH000628	WH000629	WH000630	WH000631
Recommended water flow rate	m ³ /h	12	15	20	35	40
Hydraulic connections	mm	PVC unions, ø63, glued				
Electric power supply		380-400V / 3N~ / 50-60Hz				
Nominal operating power (15°C/26°C/70%)	(A)	10,45	12,73	17,45	25,46	34,9
Maximum operating power	(A)	22,57	26,15	33,57	52,3	67,14
Recommended Power cable size*		5 x 4	5 x 6	5 x 10	5 x 16	5 x 25
Refrigerant fluid		R32				
Refrigerant fluid quantity	(kg)	5,5	7	9,0	11 (2 x 7)	18 (2 x 9,0)
Acoustic power	dB(A)	83			90	
Acoustic pressure at 10m**	dB(A)	52			58	

HEATING PERFORMANCE

Air 26°C / water 26°C / humidity 80%						
Operating power	kW	42,0	50,9	63,5	101,8	127,0
Consumed power	kW	6,7	8,0	10,5	16,0	21,0
COP		6,3	6,4	6,0	6,4	6,0
Air 15°C / water 26°C / humidity 70%						
Operating power	kW	31,7	40,1	52,10	80,4	104,2
Consumed power	kW	6,2	7,75	10,21	15,5	20,43
COP		5,1	5,2	5,1	5,2	5,1
Air 7°C / water 26°C / humidity 90%						
Operating power	kW	28,2	32,6	44,6	65,1	89,2
Consumed power	kW	6,7	7,7	10,3	15,5	20,6
COP		4,2	4,2	4,3	4,2	4,3

WEIGHT AND DIMENSIONS

Heat pump weight	Kg	220,0	270,0	440,0	530,0	720,0
Heat pump dimensions (Width, depth and height)	m	1 x 1 x 1,2		1 x 1 x 1,4	1 x 2,2 x 1,5	1 x 2,2 x 1,6
Packaging weight	Kg	248,0	310,0	490,0	600,0	800,0
Packaging dimensions (Width, depth and height)	m	1,2 x 1,2 x 1,4		1,2 x 1,2 x 1,6	1,2 x 2,4 x 1,7	1,2 x 2,4 x 1,8

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.

The Z950 Inverter is the perfect choice for maintaining the temperature of commercial pools all year round, combining efficiency, sustainability and cost-effectiveness. This all-in-one solution offers superior performance and reduced environmental impact, making it a smart investment for any commercial pool installation.

3 YEAR WARRANTY **5 YEAR CONDENSER WARRANTY**
ANTI-CORROSION