

INVERX

REVOLUTIONARY DIFFERENT

-  **TURBO.**
-  **POWERFUL.**
-  **SILENT.**





INVER X

REVOLUTIONARY DIFFERENT

The INVER X is without a doubt the most revolutionary heat pump in recent years. INVER X combines a silent operation with a powerful turbo performance. That sounds contradictory, but is completely true! The patented **Turbo Silence Tech**[®] control perfectly balances the Inverter compressor control and the heat exchanging technology. It took our engineers more than 5 years to develop and optimise this revolutionary technique. The result? Faster heating, a lower electricity bill and... the sound of silence. That's what intelligent swimming technology is all about.



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REVOLUTIONARY DIFFERENT

X TURBO.

The Turbo mode is ideal for starting up the pool in the beginning of the season. An **extra 20% capacity** that results in quicker heating up the water with still higher COP.

X POWERFUL.

A COP that is **50 to 70% higher** than standard Inverter heat pumps at 100% of their speed. An average of 50% capacity to maintain the pools temperature.

BUT X SSSS...ILENT.

Thanks to **Turbo Silence Tech®**, the InverX is **10 times** more silent than standard inverter heat pumps. It's a unique heat pump **without compressor** noise or high frequency sound. That's a guarantee for a quiet swimming environment.

TURBO. POWERFUL. SILENT.



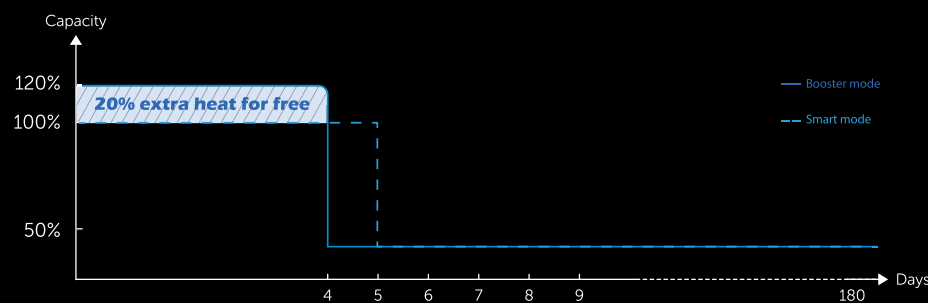
SIZE DOES MATTER.

Think bigger and select a larger heat pump to benefit from a more quiet operation system, extra savings and a longer pool season. See the two comparisons below to substantiate this recommendation.

120%

Booster Mode 20% extra heating capacity with low power consumption

The new InverTurbo Technology is optimised on the basis of Full-inverter Technology. It makes it possible to generate extra 20% power for fast pool heating in the beginning of the season. To use that extra 20% heating capacity, you just click one simple button. After that, the Full-inverter HP runs at an AVERAGE 50% capacity to maintain the desired pool temperature at a very low power consumption.



Built-in Wifi for free

Control your INVER X at anytime, anywhere.



Intelligent touch screen

The nicely designed touch screen gives you at all times info on the status of your INVER X.



Patented Hexagon

Original patented hexagon from honeycomb, the largest combined space.

TYPE	INVER X 22kW	On/Off 13kW
Sound pressure at 1m dB(A)	41.3 dB(A) at 30% speed	59 dB(A) at 100% speed
COP at Air 26°C	15 at 30% speed	5 at 100% speed
Value <small>Double Season & Double Value of Pool Investment (40,000€~80,000€)</small>	Available for 6~10 months per year	Available for 3~5 months per year
15 times quieter 3 times higher COP Higher turnover		

TYPE	INVER X 22kW	INVER X 13kW
Sound pressure at 1m dB(A)	41.3 dB(A) at 30% speed 44.4 dB(A) at 50% speed	43.7 dB(A) at 50% speed 46.9 dB(A) at 80% speed
COP at Air 26°C	15 at 30% speed	11.5 at 100% speed
Value <small>Double Season & Double Value of Pool Investment (40,000€~80,000€)</small>	Available for 6~10 months per year	Available for 3~5 months per year
3 Times quieter 30% higher COP Higher turnover		

MODEL	IXR46	IXR56	IXR66	IXR80	IXR80T	IXR110T
Advised pool volume (m ³)	30~60	40~75	55~100	65~120	65~120	90~160
Operating air temperature (°C)	-15~43					

Performance Condition: Air 26°C / Water 26°C / Humidity 80%

Heating capacity (kW) in Smart mode	14.0	18.0	22.0	27.5	27.5	33.0
Heating capacity (kW) in Booster mode	17.0	21.5	26.0	32.0	32.0	40.0
COP	16.0~6.6	15.5~6.5	16.5~7.0	16.3~6.5	16.3~6.5	16.3~6.6
COP at 50% capacity	11.5	11.5	11.6	11.5	11.5	11.4

Performance Condition: Air 15°C / Water 26°C / Humidity 70%

Heating capacity (kW) in Smart mode	9.5	12.0	15.0	18.5	18.5	24.5
Heating capacity (kW) in Booster mode	11.5	14.5	18.0	22.0	22.0	28.5
COP	7.5~4.5	8.0~4.7	8.0~5.1	8.0~5.0	8.0~5.0	8.1~4.8
COP at 50% capacity	6.8	7.0	7.0	7.0	7.0	6.9

Sound pressure at 1m dB(A)	42.0~47.7	42.9~50.8	40.8~51.2	43.3~51.9	43.3~51.9	42.5~51.7
Sound pressure of 50% capacity at 1m dB(A)	43.7	44.5	44.4	46.4	46.4	43.8
Sound pressure at 10m dB(A)	22.0~27.7	22.9~30.8	20.8~31.2	23.3~31.9	23.3~31.9	22.5~31.7

Heat exchanger	Spiral titanium tube in PVC					
Casing	Aluminum-alloy Casing					
Power supply	230V/1 Ph/50Hz			400V/3 Ph/50Hz		
Rated input power at air 15°C (kW)	0.26~2.56	0.31~3.08	0.38~3.53	0.46~4.4	0.46~4.4	0.60~5.94
Rated input current at air 15°C (A)	1.14~11.3	1.35~13.4	1.65~15.3	2.01~19.1	0.66~6.35	0.87~8.57
Advised water flux (m ³ /h)	4~6	6.5~8.5	8~10	10~12	10~12	12~18
Water pipe in-out size (mm)	50					
Net Dimension LxWxH (mm)	939×432×650	995×432×750	1125×429×952	1074×539×947	1074×539×947	1260×539×947
Net weight (kg)	65	70	98	102	111	128
Qty per 20'FT / 40'HQ (sets)	78/169	50/162	42/92	36/80	36/80	34/72