

# 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**<sup>®</sup> 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.





# INVERX

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.



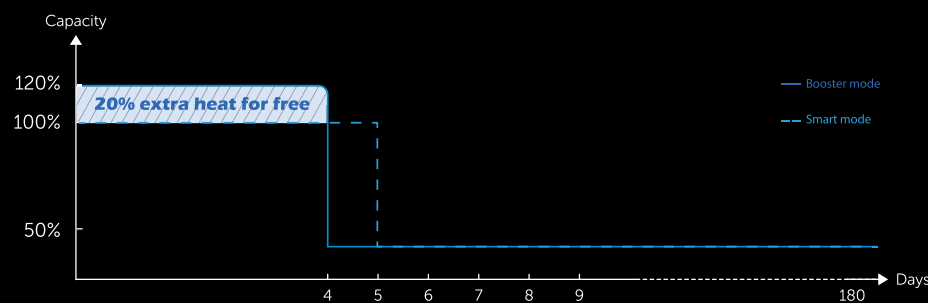
## SIZE DOES MATTER.

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 &amp; Double Value of Pool Investment (40,000€~80,000€)</small>	Available for 6~10 months per year	Available for 3~5 months per year
<b>15 times quieter 3 times higher COP Higher turnover</b>		

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 &amp; Double Value of Pool Investment (40,000€~80,000€)</small>	Available for 6~10 months per year	Available for 3~5 months per year
<b>3 Times quieter 30% higher COP Higher turnover</b>		

MODEL	IXR46	IXR56	IXR66	IXR80	IXR80T	IXR110T
Advised pool volume (m <sup>3</sup> )	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 <sup>3</sup> /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

**INVERX**  
REVOLUTIONARY DIFFERENT

