
INVERX 20
Beyond Limit
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Nile Water
20x Saving iGarden

TurboSilence® 20

Redefine The Industrial Standard

Self-Developed Control System

3D Heat Exchanging Tech

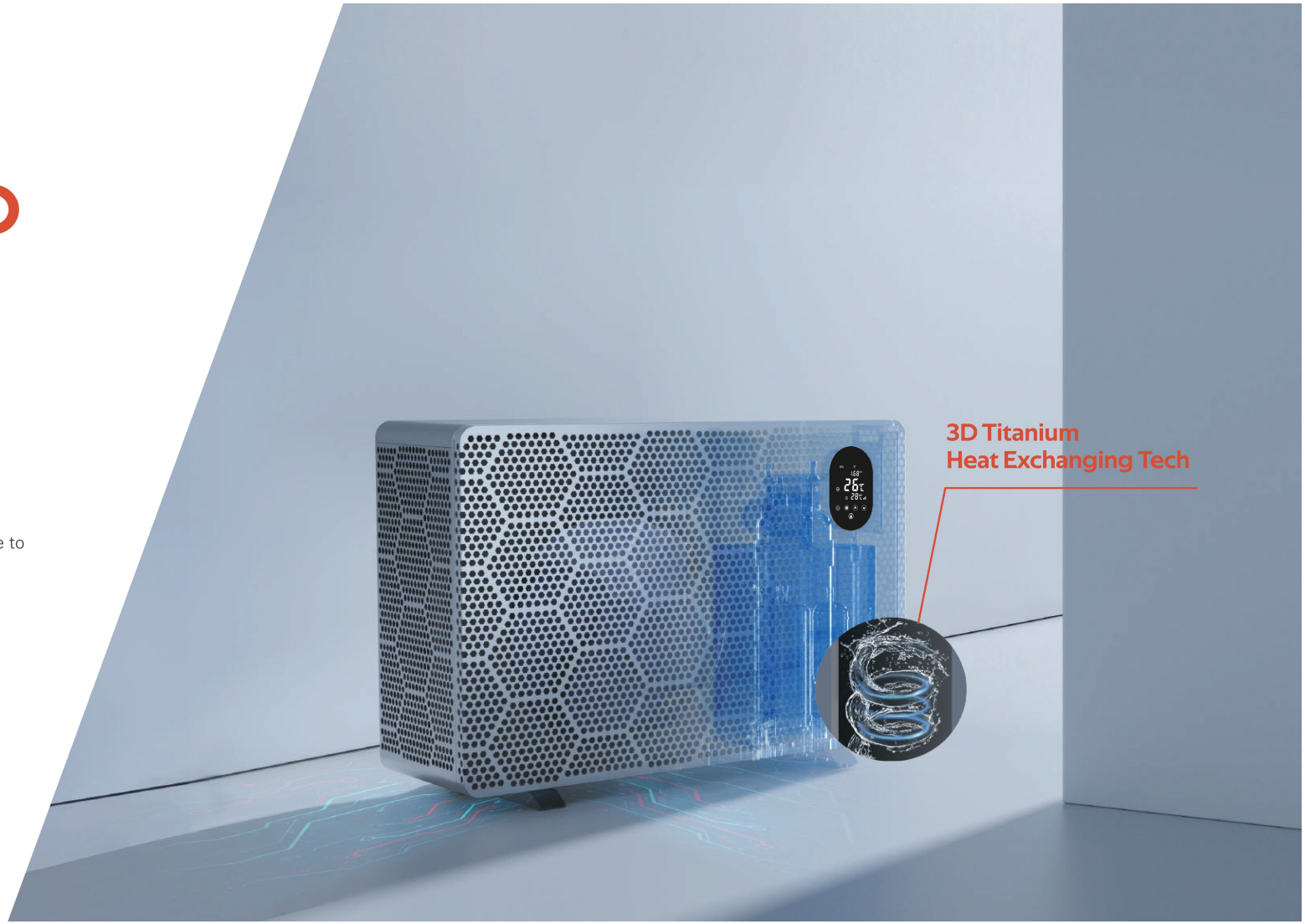
20X Saving

0 Compressor Noise

Powered by self-developed control system, it perfectly matches the inverter-compressor & extreme 3D heat-exchanging tech. The unique technology can intelligently optimize the gas flow rate to maximize COP performance.

3D Heat Exchanging Tech:

Develop a new generation of 3D heat exchanging technology. It redefines titanium heat exchangers, increasing the 30% exchanging area and improving the 30% efficiency.



REDEFINE ULTIMATE EXPERIENCE

20 X Energy Saving

COP20，1kW Input = 20kW Output Max

20 Times Quieter Compared with On/Off

Sound Pressure Lower to 36.6 dB(A)

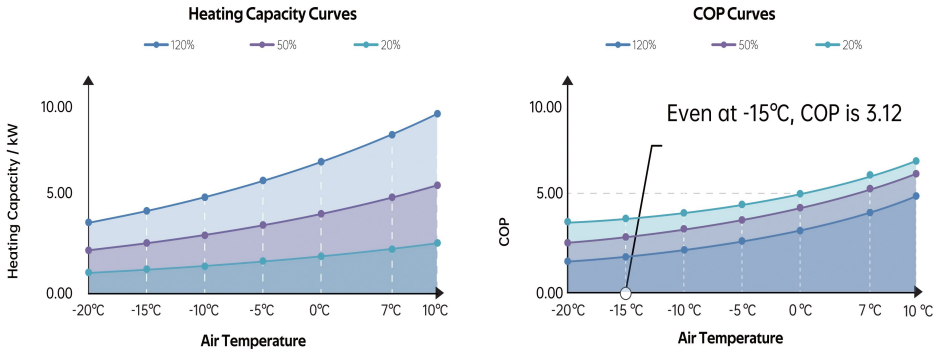
The compressor and the fan work at a very low speed when maintaining the temperature, reducing the noise level to around 36.6 dB(A) at 1m

Warm Your Pool at -20°C

Operating at Extreme Temperature -20°C

-20℃ 43℃

Excellent Low Temperature Performance



Example Model: X20-16

SPECIFICATIONS OF INVERX

Model	X20-26	X20-40T
Advised pool volume (m³)	55~90	75~120
Operating air temperature (℃)	-20~43	
Performance Condition: Air 26℃, Water 26℃, Humidity 80%		
Heating capacity (kW) in Turbo mode	26.5	40.0
Heating capacity (kW) in Smart mode	22.5	35.0
COP	20.7~7.5	20.1~7.3
COP at 50% capacity	15.2	15.0
COP at 20% capacity	20.7	20.1
Performance Condition: Air 15℃, Water 26℃, Humidity 70%		
Heating capacity (kW) in Turbo mode	18.2	28.5
Heating capacity (kW) in Smart mode	15.0	24.0
COP	9.5~5.5	8.2~5.0
COP at 50% capacity	8.0	7.5
COP at 20% capacity	9.5	8.2
Performance Condition: Air 7℃, Water 26℃, Humidity 90%		
Heating capacity (kW) in Turbo mode	15.5	22.8
COP in Turbo mode	7.3~4.7	7.0~4.3
Sound pressure at 1m dB(A)	39.7~49.8	41.5~50.5
Sound pressure of 50% capacity at 1m dB(A)	43.1	42.5
Sound pressure at 10m dB(A)	19.7~29.8	21.5~30.5
Compressor	Mitsubishi Twin-rotary DC Inverter	
Heat exchanger	"3D Spiral" titanium heat exchanger	
Casing	Aluminum-alloy Casing	
Power supply	230V/1 Ph/50Hz	400V/3 Ph/50Hz
Rated input power at air 15℃ (kW)	0.32~3.31	0.60~5.7
Rated input current at air 15℃ (A)	1.39~14.4	0.87~8.22
Advised water flux (m³/h)	8~10	12~18
Water pipe in-out size (mm)	50	
Net Dimension LxWxH (mm)	1072×541×956	1260×539×947
Net weight (kg)	100	147
Qty per 20'FT / 40'HQ (sets)	34/72	18/42

Model	JBR150T
Advised pool volume (m3)	130~260
Operating air temperature (°C)	-20~43
SCOP	9.0
Performance Condition: Air 26°C, Water 26°C, Humidity 80%	
Heating capacity (kW) in Turbo mode	60.0
Heating capacity (kW) in Smart mode	50.0
COP in Smart mode	8.1
COP	16.0~6.5
COP at 50% capacity	11.1
Performance Condition: Air 15°C, Water 26°C, Humidity 70%	
Heating capacity (kW) in Turbo mode	42.0
Heating capacity (kW) in Smart mode	35.0
COP in Smart mode	5.7
COP	8.0~4.7
COP at 50% capacity	7.0
Performance Condition: Air 7°C, Water 26°C, Humidity 90%	
Heating capacity (kW) in Turbo mode	32.5
Heating capacity (kW) in Smart mode	27.0
COP in Smart mode	4.8
COP in Turbo mode	4.0
Performance Condition: Air -15°C, Water 26°C, Humidity 70%	
Heating capacity (kW) in Turbo mode	21.0
COP	3.0
Sound pressure at 1m dB(A)	42.1~54.4
Sound pressure of 50% capacity at 1m dB(A)	44.8
Sound pressure at 10m dB(A)	22.1~34.4
Compressor	Twin-rotary Mitsubishi DC-inverter
Heat exchanger	Spiral titanium tube in PVC
Casing	Aluminum-alloy
Fan direction	Horizontal
Power supply	400V/3 Ph/50Hz
Rated input power at air 15°C (kW)	1.4~8.94
Rated input current at air 15°C (A)	2.02~12.9
Advised water flux (m³/h)	20~25
Water pipe in-out size (mm)	75
Net dimension L × W × H (mm) (To be confirmed)	1545x458x1630
Net weight (kg)	221
Qty per 20'FT / 40'HQ (sets)	12/28

* The advised pool volume indicated applies under following conditions: Swimming pool is well covered; system runs at least 15 hours per day;
* The final specs will be in accordance with the specs on the product .