

SPECIFICATIONS OF INVER X

Model	IXR26	IXR36	IXR46	IXR56	IXR66	IXR80	IXR80T	IXR110T
Advised pool volume (m3)	20~40	25~50	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	8.5	11.0	14.0	18.0	22.0	27.5	27.5	33.0
Heating capacity (kW) in Turbo mode	10.2	13.0	17.0	21.5	26.0	32.0	32.0	40.0
COP	15.6~7.3	15.5~7.5	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	11.8	12.0	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	6.0	7.5	9.5	12.0	15.0	18.5	18.5	24.5
Heating capacity (kW) in Turbo mode	7.0	9.0	11.5	14.5	18.0	22.0	22.0	28.5
COP	7.1~4.9	7.0~5.0	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	6.7	6.7	6.8	7.0	7.0	7.0	7.0	6.9
Sound pressure at 1m dB(A)	38.5~45.5	38.6~46.9	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)	39.5	41.3	43.7	44.5	44.4	46.4	46.4	43.8
Sound pressure at 10m dB(A)	18.5~25.5	18.6~26.9	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)	0.18~1.43	0.22~1.8	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)	0.78~6.2	0.96~7.82	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)	2~4	3~4	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)	893×432×650	893×432×650	939×432×650	995×432×750	1125×429×952	1074×539×947	1074×539×947	1260×539×947
Net weight (kg)	59	61	63	70	90	99	99	120
Qty per 20'FT / 40'HQ (sets)	78/180	78/180	78/168	50/162	42/92	36/80	36/80	34/72

* 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.



TurboSilence^{tech} – Joke or Revolution?



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BEST
FROM
FUTURE



◀ 1905 - Turbobooster was invented by Swiss engineer Alfred Büchi & first time apply on airplane



◀ 1962 - Turbo tech was first time apply on the car



◀ After innovation of Full-inverter tech in 2014, Fairland inverter R&D center took 5 years to bring Turbo-Silence tech in 2019, which is a revolutionary HP technology of Passion and Peace

TurboSilence^{tech}

Revolutionary Inverter Technology

Fairland Inverter R & D center took 5 years to develop Inver X with the unique Turbo-Silence technology. The whole Turbo-Silence control system is optimized on the basis of Full-inverter tech. It perfectly balances the Inverter-compressor-control & Heat exchanging technology, which creates the Turbo performance and Silence operation in the meantime. Hopefully Inver X will bring you Passion & Peace with uncommon sense.

Listen to the Nature

- 10 times quieter than Standard Inverter HPs
- Unique HP without compressor noise, clear up all high frequency sound
- Friendly neighborhood & swimming environment

Turbo and Saving

- COP 50~70% higher than Standard Inverter HPs by 100% speed
- Extra 20% capacity for quicker heating up, still higher COP than others
- Average 50% capacity to maintain pool temperature

Other Advantages

- Integrated Control System - Lower failure and easier after service
- Original Patented hexagon from honeycomb, the largest combined space to bring the best heat exchanging, resistant and everlasting
- Upgraded intelligent & classic touch screen
- 4 season function