



## SPECIFICATIONS OF INVER X VERTICAL

Model	IXCR26V	IXCR36V	IXCR46V	IXCR56V	IXCR66V	IXCR80V	IXCR80VT	IXCR110VT
Advised pool volume (m3)	20~40	25~50	30~60	40~75	50~100	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	8.8	11.3	14.5	18.0	23.0	27.5	27.5	35.0
Heating capacity (kW) in Turbo mode	10.5	13.5	17.5	21.5	27.0	32.0	32.0	40.0
COP in Smart mode	7.8	7.9	8.0	7.5	8.0	7.6	7.6	7.5
COP	15.4~7.1	15.6~7.0	16.1~6.7	16.0~6.5	15.3~7.1	16.3~6.5	16.3~6.5	16.0~6.6
COP at 50% capacity	11.5	11.8	12.1	12.0	11.6	11.5	11.5	11.4
Performance Condition: Air 15°C, Water 26°C, Humidity 70%								
Heating capacity (kW) in Smart mode	6.3	7.5	10.0	12.0	15.0	18.5	18.5	24.5
Heating capacity (kW) in Turbo mode	7.5	9.0	12.0	14.5	18.0	22.0	22.0	28.5
COP in Smart mode	5.1	5.1	5.0	5.0	5.1	5.5	5.5	5.3
COP	7.2~4.5	7.5~4.6	8.0~4.6	7.6~4.5	7.5~4.9	8.0~5.0	8.0~5.0	7.9~4.8
COP at 50% capacity	6.6	6.7	6.9	7.0	6.5	7.0	7.0	6.9
Sound pressure at 1m dB(A)	38.8~46.5	38.8~47.9	42.2~48.6	43.1~52.1	41.0~52.9	43.6~53.8	43.6~53.8	42.8~54.0
Sound pressure of 50% capacity at 1m dB(A)	39.0	41.9	44.3	45.2	45.3	46.7	46.7	46.9
Sound pressure at 10m dB(A)	18.8~26.5	18.8~27.9	22.2~28.6	23.1~32.1	21.0~32.9	23.6~33.8	23.6~33.8	22.8~34.0
Heat exchanger	Spiral titanium tube in PVC							
Casing	Aluminum-alloy or ABS Casing							
Power supply	230V/1 Ph/50Hz					400V/3 Ph/50Hz		
Rated input power at air 15°C (kW)	0.17~1.66	0.21~1.95	0.26~2.51	0.33~3.08	0.42~3.67	0.46~4.4	0.46~4.4	0.60~5.94
Rated input current at air 15°C (A)	0.74~7.21	0.91~8.48	1.14~10.9	1.43~13.4	1.82~15.9	2.01~19.1	0.66~6.35	0.87~8.57
Advised water flux (m³/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) (预估)	710x775x693	710x775x693	710x775x693	710x775x693	710x775x743	804x709x942	804x709x942	904x809x942
Net weight (kg) (预估)	55	59	71	77	"58v 99 /56v ?"	104	113	126
Qty per 20'FT / 40'HQ (sets)	36/123	36/123	36/123	36/123	36/123	36/78	36/78	24/52

\* 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 Inverter

-- Joke or Revolution?



BEST  
FROM  
FUTURE



## TurboSilence<sup>®</sup> Inverter

Revolutionary Inverter Technology

Fairland Inverter R & D center took 5 years to develop InverX with the unique TurboSilence technology. The whole TurboSilence 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 InverX will bring you Passion & Peace with uncommon sense.

◀ 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

### 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
- Unique Porous design with optimal ventilation system, which brings the best heat exchanging, resistant and everlasting
- Intelligent touch controller with free WI-FI built in
- 4 season function

