



Heatinverter
BY FAIRLOCKS

Pioneer Series



Heatinverter 'Plus' (HP)
Technology



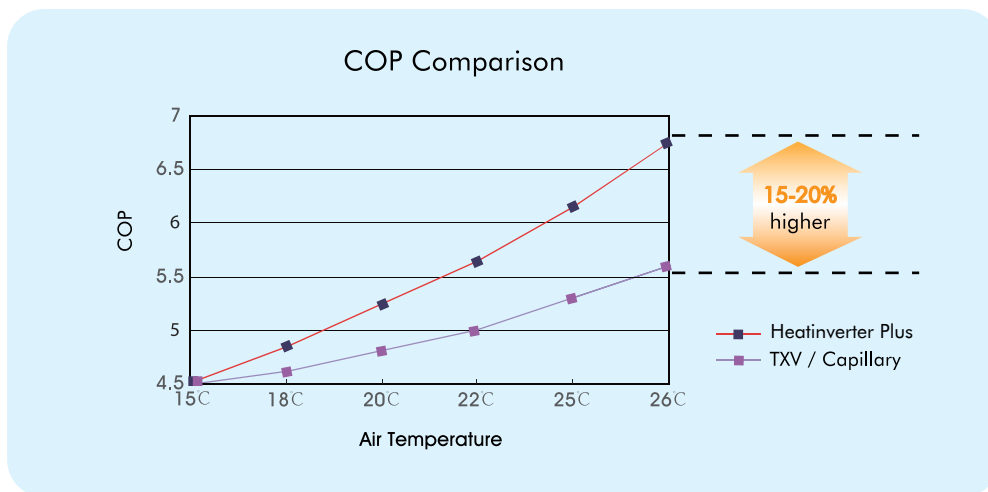
Fairlocks
Pool Products

Heatinverter Plus Technology

Pioneer series adopts independent designed Heatinverter Plus Technology. It enables the system to adjust the gas-flow in a wide range accurately (the precise range is between 100~1000%). Therefore, the highest C.O.P. performance can be achieved under different ambient temperature. **1kw** input of electricity provides you a heating output up to **7kw**.*



On the other hand, the Heatinverter Plus technology makes the compressor and heating system a much smoother operation which leads to a longer working life.



Super Quiet Operation

- Quiet running compressor;
- New designed air-flow system;
- Low speed motor.



Heating Priority Optional

Control the water pump's on/off intelligently. Therefore, it can save your electricity bill.



Durable Plastic Casing **with Strong Aluminum-alloy Frame**

The most durable & anti rusting materials.



Easy access to repair

Electrical system is located on the top side for easy service.



Hot Gas Defrosting

Japanese SAGINOMIYA 4-way valve, it defrosts automatically and ensures above 0°C operation.

Silver Welding Piping System

3% silver in the welding materials which guarantees the high reliability of gas piping system and prevents the gas leakage.



Titanium Heat Exchanger

The heat exchanger is made of titanium tube, a stable & non-reactive material which is compatible with water treatment by salt electrolysis.



Digital Control System

New outlooking, accurate and intelligent, special designed for HP technology.



ISO
9001
QUALITY
ASSURANCE



Heatinverter by Fairlocks

Pioneer Series



Model		FPP35L	FPP50L	FPP65L	FPP80Ls
Technology		HP	HP	HP	HP
Performance Condition: Air 26°C, Water 26°C					
Heating capacity	KW	13.5	17.5	26	33
C.O.P		7	6.7	6.6	6.8
Performance Condition: Air 15°C, Water 26°C					
Heating capacity	KW	10	12	16.5	22
C.O.P		5	4.7	4.5	4.6
Advised pool volume	m ³	40-70	60-90	75-120	110-150
Advised water flow	m ³ /h	5-7	6.5-8.5	10-12	12-14
Operating Air Temperature (°C)		0~43	0~43	0~43	0~43
Sound Pressure dB(A)	10M	32	36	37	39
Power supply		220-240V/1Ph/50Hz			380-415V/3Ph/50Hz
Rated power	KW	2	2.55	3.67	4.78
Rated current	AMP	9.1	11.6	16.7	7.2
Heating exchanger		Titanium in PVC			
Anti-rusting Cabinet		Plastic Casing & Aluminium Alloy Frame			
Anti-rusting Evaporator		Golden Fins	Golden Fins	Golden Fins	Golden Fins
Water connection	inch	1.5	1.5	1.5	1.5
Net dimension - LxWxH	mm	950x380x660	950x380x760	1150x500x960	1150x500x960
Net weight / Gross weight	KG	72/80	90/98	130/140	140/150

* The advised pool volume datas indicated are valid under the following conditions: Covered with insulated cover at night. System running at least 15 hours per day, heating season: from 1st May to the 15th September. If not, you're kindly suggested to choose a bigger model.

* Above data is subject to modification without notice.



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