

Pioneer Series



Model		PH18L	PH25L	PH35L	PH50L	PH65L	PH65Ls	PH80Ls
Technology		HP-Booster	HP-Booster	HP-Booster	HP-Booster	HP-Booster	HP-Booster	HP-Booster
Performance Condition: Air 26℃, Water 26℃								
Heating capacity	KW	7.5	10	13.5	17.5	26	28	33
C.O.P.		6.7	6.6	7	6.7	6.6	6.8	6.8
Performance Condition: Air 15℃, Water 26℃								
Heating capacity	KW	5	7	10	12	16.5	17.5	22
C.O.P.		4.8	4.7	5	4.7	4.5	4.8	4.6
Advised pool volume	m ³	0-35	30-50	40-70	60-90	75-120	75-120	110-150
Advised water flux	m ³ /h	3-4	4-6	5-7	6.5-8.5	10-12	10-12	12-14
Operating Air Temperature (℃)		0~43	0~43	0~43	0~43	0~43	0~43	0~43
Sound Pressure	dB(A)	10M	30	30	32	36	37	39
Power supply		220-240V/1Ph/50Hz					380-415V/3Ph/50Hz	
Rated power	KW	1.04	1.49	2	2.55	3.67	3.65	4.78
Rated current		4.7	6.8	9.1	11.6	16.7	5.5	7.2
Heating exchanger		Titanium in PVC						
Anti-rusting Cabinet		Plastic Casing & Aluminium Alloy Frame						
Water pipe in-out spec	mm	50	50	50	50	50	50	50
Net dimension - LxWxH	mm	950x300x560	950x300x660	950x380x660	950x380x760	1150x500x960	1150x500x960	1150x500x960
Net weight / Gross weight	KG	50/55	57/62	72/80	90/98	130/140	130/140	140/150
Qty per 20'ft / 40'ft	SETS	90/264	90/198	75/150	50/150	32/72	32/72	32/72

* Above data is subject to modification without notice.

Fairland Electric(China)Limited

Tel: 0086-20-87321933
Fax: 0086-20-87327767
E-mail: Sales@fairland.com.cn
http://www.fairland.com.cn



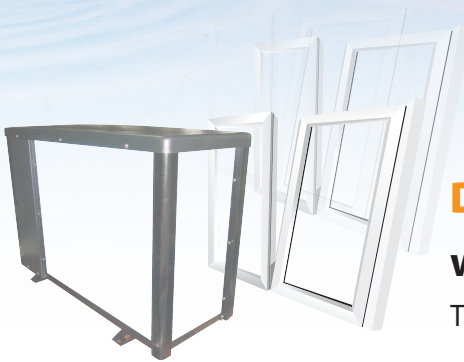
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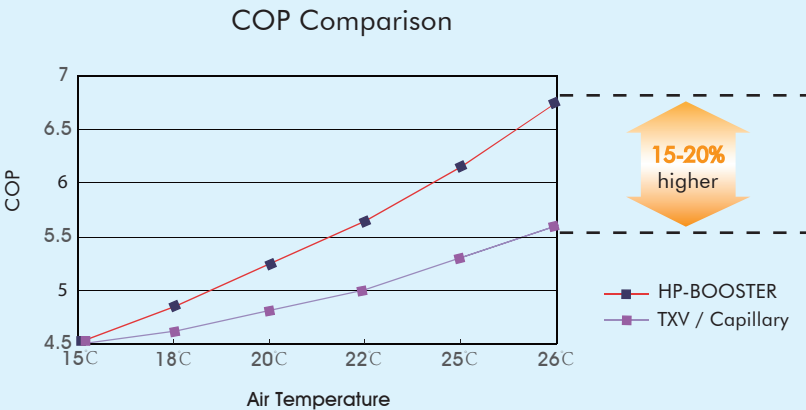
HP-Booster Technology

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

On the other hand, the HP-Booster also makes the HP-compressor and the heating system much more smooth operation which leads to its longer working life.



Durable Plastic Casing
with Strong Aluminum-alloy Frame
The most durable & anti rusting materials.



Super Quiet Operation

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

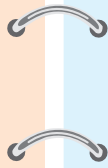


Heating Priority Optional

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



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
Accurate and intelligent, special designed for HP-booster technology.



ISO 9001
QUALITY ASSURANCE

