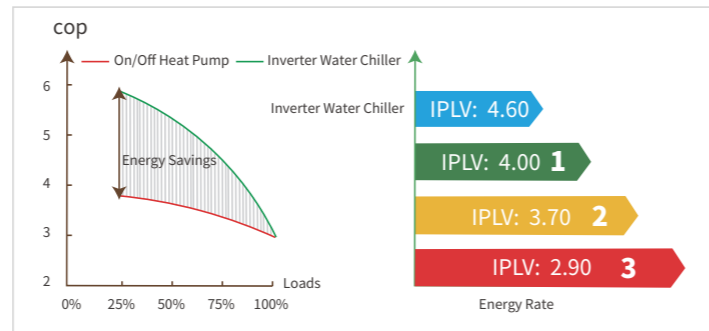


High Efficiency Inverter Drive Technology

- ◇ PHNIX adopts fluorine cooling technology to provide a more comfortable working temperature range for the inverter board, so that the temperature rise of the board is smaller, the efficiency is higher, and the operation reliability of the inverter board is better.

IPLV(C) Up To 4.6

- ◇ The advanced full inverter technology adopted in the heat pump boosts its efficiency. After repeated test, the IPLV(C) is up to 4.6 which is much higher than Class I 4.0.



Dual Independent Air Chamber Design

- ◇ The unit is designed with independent air chambers for two systems, so that when one system needs maintenance or repair, the normal operation of the other system is not affected.
- ◇ The system backup feature effectively minimizes the impact of unit failure on the whole heat pump system.



Automatic Regulation

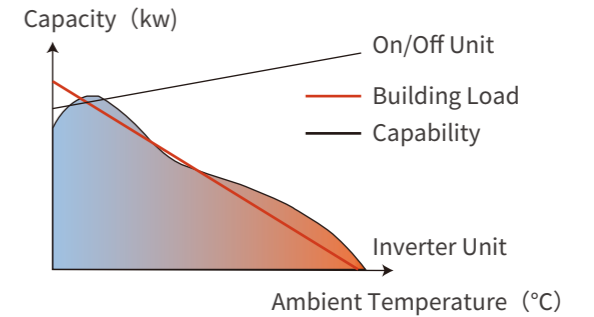
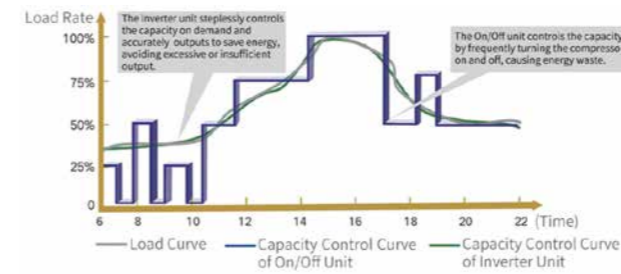
- ◇ Intelligent control technology ensures that the partial load of unit operates in the high-efficiency zone, while reducing the full load usage time of mechanical moving parts such as compressors, extending the additional service life of the unit.

Save More in Commercial Application



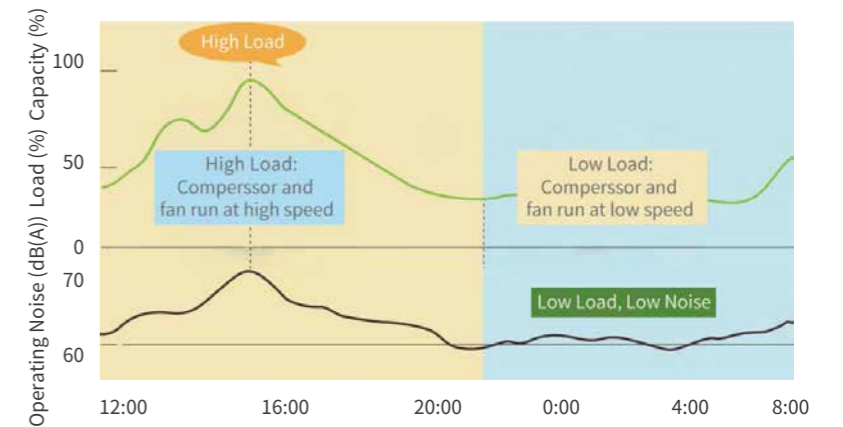
Inverter Stepless Capacity Adjustment

- ◇ Stepless capacity adjustment from 15% to 100% for lower energy consumption and more stable running.
- ◇ No need to start the compressor frequently.



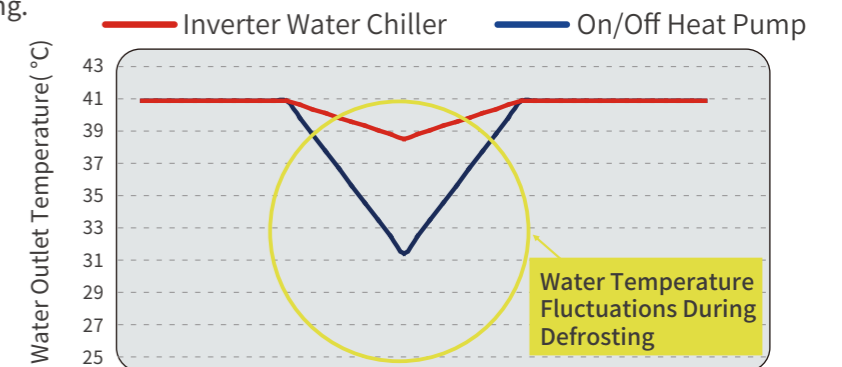
Multiple Noise Reduction Technologies

- ◇ According to the current load and ambient temperature, through stepless adjustment of fan motor and inverter compressor, the noise can be reduced to as low as 56dB(A).



Smart Defrosting Design

- ◇ Inverter units can accurately determine the frost situation by detecting multiple variables and choose the best time to start and stop the defrosting.
- ◇ The independent air chamber design of the unit enables the system to defrost at intervals, minimizing fluctuations in system water temperature due to defrosting.



Communication Function

- ◇ DTU remote monitoring and control, real-time checking and control of equipment operation.
- ◇ The equipment is ready to use when connected to the power supply, no need for complicated wiring process.
- ◇ The webpage allows to check the operation of the equipment on your account and perform remote control operations Modbus RS485/BMS Function

Technical Parameters

Model		PASRW250S-BP		PASRW500S-BP	
Power Supply		380V/3N~/50~60Hz			
Electrical Shock Proof		I			
Moisture Resistance		IPX4			
Refrigerant		R410A, R32 on request			
Cooling	Cooling Capacity	KW	65.0 (13.5~73.5)	132.0 (27.0~147.0)	
	EER	\	2.85 (2.35~3.35)	2.92 (2.39~3.41)	
Heating	Heating Capacity	KW	75.0 (18.0~86.0)	141.0 (32.4~154.8)	
	COP	\	3.05 (2.88~3.45)	3.23 (2.96~3.55)	
IPLV(C)		\	4.60	4.21	
Water Flow		m ³ /h	11.2	22.4	
Water Connection		\	DN65	DN80	
Noise		dB(A)	63(56~65)	69(62~71)	
Gross Weight		kg	724	1300	
Operation Ambient Temp.		°C	-15~55	-15~55	
Net Dimension(L/W/H)		mm	1930×1050×1980	2350×1150×2360	

· Heating: Ambient Temp. (DB/WB): 7°C/6°C; Water Temp. (In/Out): 40°C/45°C;
 · Cooling: Ambient Temp. (DB/WB): 35°C/24°C; Water Temp. (In/Out): 12°C/7°C;

Model		PASRW290S-BBP		PASRW580S-BBP	
Power Supply		380V/3N~/50~60Hz			
Electrical Shock Proof		I			
Moisture Resistance		IPX4			
Refrigerant		R410A			
Cooling	Cooling Capacity	KW	76.0(35.0~96.8)	150.0(40.0~167.0)	
	EER	\	3.05(2.39~3.86)	2.92 (2.39~3.41)	
Heating	Heating Capacity	KW	86.0(27.0~94.8)	160.0(51.6~184.6)	
	COP	\	3.20(3.07~3.79)	3.15(2.95~3.75)	
IPLV(C)		\	4.21	4.20	
Water Flow		m ³ /h	13.1	25.8	
Water Connection		\	DN65	DN80	
Noise		dB(A)	67(56~69)	69(62~71)	
Gross Weight		kg	833	1326	
Operation Ambient Temp.		°C	-30~55	-30~55	
Net Dimension(L/W/H)		mm	2170×1150×2200	2350×1150×2360	

· Heating: Ambient Temp. (DB/WB): 7°C/6°C; Water Temp. (In/Out): 40°C/45°C;
 · Cooling: Ambient Temp. (DB/WB): 35°C/24°C; Water Temp. (In/Out): 12°C/7°C;

CoolStreamPro Series

Inverter Commercial Cooling & Heating Applications



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