



DC Inverter Swimming Pool Heat pump



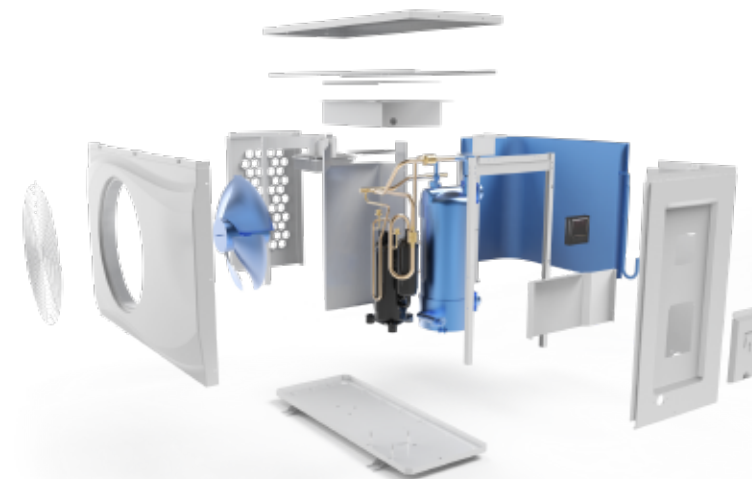
Breeze series



DC Inverter Swimming Pool Heat pump(R32)								
Model		DSP02PS-P2D	DSP03PS-P2D	DSP04PS-P2D	DSP05PS-P5D	DSP06PS-P5D	DSP07PS-P7D	DSP08PS-P7D
Advised pool volume		25m ³ -50m ³	30m ³ -60m ³	35m ³ -70m ³	60m ³ -100m ³	65m ³ -110m ³	70m ³ -130m ³	80m ³ -150m ³
Operating ambient air temperature		-5°C~43°C	-5°C~43°C	-5°C~43°C	-5°C~43°C	-5°C~43°C	-5°C~43°C	-5°C~43°C
Performance condition 1-Air:26°C, RH80%,inlet/outlet water temperature:26°C/28°C								
Heating capacity	KW	2.72-11.00	3.50-14.20	4.24-17.45	5.75-23.24	6.22-25.13	6.62-29.03	7.71-31.73
COP		6.30-14.84	6.19-14.66	6.00-14.53	6.11-14.55	6.21-14.55	6.12-14.56	6.12-14.61
Performance condition 2-Air:15°C, RH70%,inlet water/outlet temperature:26°C/28°C								
Heating capacity	KW	2.20-8.15	2.90-10.70	3.55-13.00	4.65-17.36	5.17-18.55	5.46-21.31	6.34-23.69
COP		4.95-7.85	4.95-7.65	4.85-7.49	4.81-7.65	4.93-7.55	4.97-7.52	4.91-7.61
Performance condition 3-Air:35°C DB,inlet/outlet water temperature:30°C/28°C								
cooling capacity	KW	2.45-6.00	3.25-7.90	3.95-9.65	5.33-12.83	5.85-13.93	6.21-16.02	7.21-17.52
EER		4.35-7.35	4.40-7.40	4.20-7.40	4.15-7.25	4.18-7.23	4.31-7.55	4.20-7.45
Refrigerant type		R32	R32	R32	R32	R32	R32	R32
Power supply		230V~,1Ph,50Hz	230V~,1Ph,50Hz	230V~,1Ph,50Hz	230V~,1Ph,50Hz	230V~,1Ph,50Hz	230V~,1Ph,50Hz	230V~,1Ph,50Hz
Inlet/outlet water pipes		G1-1/2'	G1-1/2'	G1-1/2'	G1-1/2'	G1-1/2'	G1-1/2'	G1-1/2'
Advised water flow	m ³ /h	4~6	5~7	6~8	8~10	8~11	9~12	12~15
Dimension	Unit(W×D×H)	mm 991×400×642	mm 991×400×642	mm 991×400×642	mm 1081×450×707	mm 1081×450×707	mm 1181×469×807	mm 1181×469×807
	Packing(W×D×H)	mm 1056×449×767	mm 1056×449×767	mm 1056×449×767	mm 1146×498×832	mm 1146×498×832	mm 1246×518×932	mm 1246×518×932
Net/Gross weight	KG	44/54	46/56	56/66	70/83	72/85	90/108	98/116
Loading(40HQ/20GP)	Pcs	165/77	165/77	165/77	144/44	144/44	72/32	72/32

Notes:

1. Advised pool volume for the pool with isothermal cover.
2. The specification may be changed as product improvement, please refer to the final nameplate on product.





ABS Plastic casing, with ASA film, warranty 5 years no colour change.

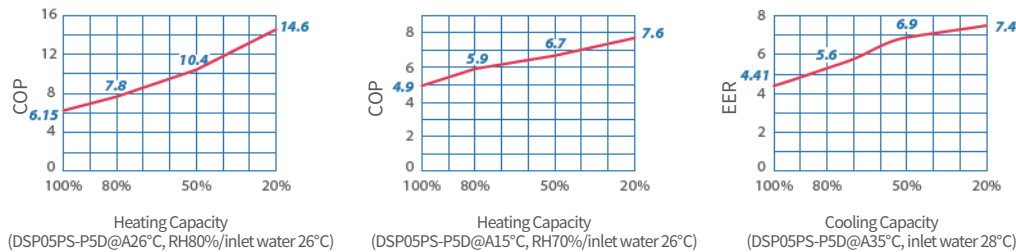
ECO friendly new refrigerant: R32

ODP (Ozone Depletion Potential) is 0;
GWP (Global Warming Potential) only 675, only approximately 1/3 compare with R410A.

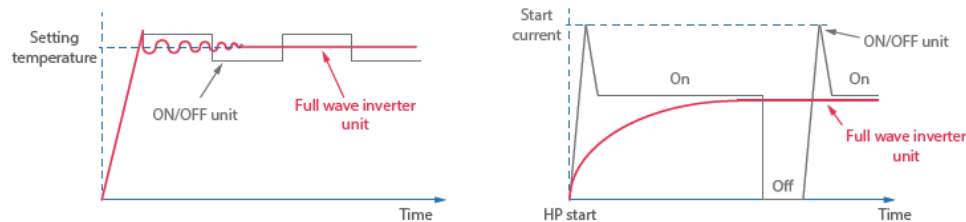
Higher efficient technology:

Well-known brand GMCC compressor, twin-rotary and DC Inverter technology, lower noise but more efficient.
New Brushless DC fan motor, with good quality of long time running test and low noise.
Sanhua brand electronic expansion valve for precise refrigerant control.
High COP/EER performance for save energy:

Notes: The swimming pool volume is 45m3 and pool water temperature keeps at 26°C.



More detailed advantages of DC Inverter technology

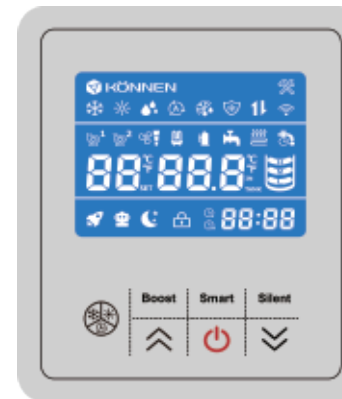


Super quiet GMCC compressor and DC motor help Breeze full inverter heat pump to quiet running.

With CFD air flow technology, newly designed fan blower and the outlet grill bring super quite and high efficient running.

Model	DSP02PS-P2D	DSP03PS-P2D	DSP04PS-P2D	DSP05PS-P5D	DSP06PS-P5D	DSP07PS-P7D	DSP08PS-P7D
Sound pressure level (@4m)	dB(A) 30.1-37.5	30.5-38.0	32.7-40.3	35.5-41.4	35.7-41.6	36.3-44.8	37.7-46.8
Sound pressure level (@10m)	dB(A) 20.8-28.5	20.6-28.4	23.2-31.9	24.5-33.5	24.5-33.4	26.4-36.6	27.1-38.4

Newly designed controller, three modes design, maximise your pool season



Boost Mode

20% - 100% capacity output
Fast heating
Late spring/early autumn in cooler climate



Smart Mode

20% - 80% capacity output
As standard
Spring to Autumn in warm climate



Silent Mode

20% - 50% capacity output
Using at night
Middle of summer in hot climate

