



SIRAIR®
Cooling & Heating Solutions

INVERTER POOL HEAT PUMP

INVERBOOST



PREMIUM
POOL HEATING SOLUTION

INVERBOOST®

www.sirair.co.za

Powered by  **MITSUBISHI**
COMPRESSOR



- » ABS (Anti Corrosion) Casing
- » WIFI - Touch screen digital display
- » Full Inverter Technology
- » Mitsubishi Inverter Compressor
- » Highest COP up to 16

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COMPRESSOR

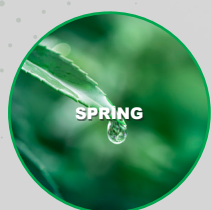
SIRAIR INVERBOOST PS BEYOND EXPECTATION

INVERBOOST ADVANTAGES



- 8 years' development & improvement.
- Excellent reliability, approved by the industry.
- Best combination of performance and silence.

FOUR SEASON SWIMMING



The coefficient of performance or **COP** of a heat pump, is a ratio of useful heating or cooling provided to work (energy) required. Higher COPs equate to higher efficiency, lower energy (power) consumption and thus lower operating costs.



Silent Mode:

The highest energy efficiency with the lowest noise



Smart Mode:

Heat your pool at 20% - 100% capacity dynamically



Powerful Mode:

Achieve the best heating capacity for your pool rapidly



DESIGN

SIRAIR INVERBOOST PS BEYOND EXPECTATION

- » Premium ABS material, extreme weather & UV resistance.
- » Stylish with graceful curves.
- » Sense of wholeness with hidden screws.
- » Contemporary design



Inverboost technology is an air to water heat pump to heat & cool the water of a pool / jacuzzi. It includes Full Inverter technology to automatically adapt the compressor and fan speed to the heating needs and weather conditions. The Mitsubishi compressor, pcb and fan motor adopt the inverter technology. The result is a very quiet and low energy consumption heat pump. The units work silently in both silent or smart mode. To ensure proper efficiency always use a bigger pump than required.

Operating conditions ► -12°C to 43°C

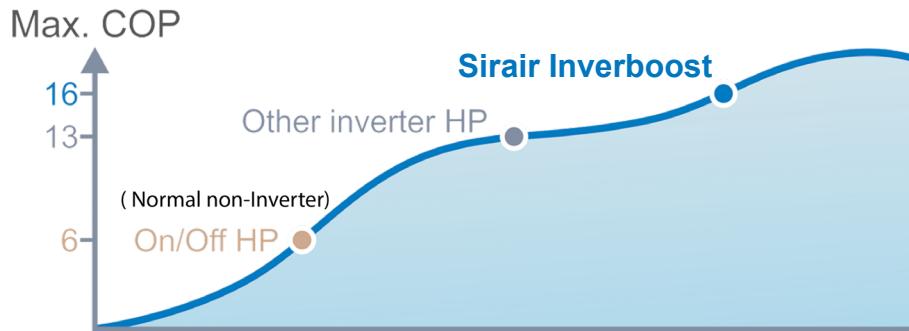


ULTRA QUIET



0dB		Sound Lab
25dB		Rustling leaves
30dB		Whisper
40dB		INVERBOOST PS
50dB		Bird Chirp
55dB		Suburb Noise
60dB		Conversation
75dB		Alarm Clock

SUPER EFFICIENCY



Air 28°C/Water 28°C

- » COP up to 16, the highest standard in the industry
- » Optimized for winter season - **Operating conditions** ► -12°C to 43°C

EASY CONTROL



- » Touch screen.
- » Water-proof.
- » Stylish embedded design.
- » Easy operation and user-friendly.





WIFI AND APP

Control your heat pump anywhere and anytime

ALSAVO Pro WiFi APP is added-value product for pool heat pump. It makes our life more convenient and greatly improved customer experiences. It works flexibly as a remote controller to operate your pool heat pump and check your pool water temperature anywhere. Make sure that both your phone and heatpump is within wi-fi range. The app is free to download.

With our 'Alsavo Pro' APP you can :

- » Start / stop your heat pump
- » Check / set pool temperature
- » Check heat pump data
- » Safety lock for parameter setting
- » Error code notification



ALSAVO PRO AVAILABLE ON:



Model		ZSXP07i	ZSXP09i	ZSXP11i	ZSXP14i	ZSXP16i
* Performance at Air 28℃, Water 28℃, Humidity 80%						
Heating capacity	kW	7-2.2	9-2.3	11-2.9	13.5-3.2	16-3.8
Power consumption	kW	1.25-0.14	1.55-0.14	1.77-0.18	2.26-0.2	2.67-0.23
C.O.P.	W/W	16-5.6	16-5.8	16-6.2	16-6.2	16-6
* Performance at Air 15℃, Water 26℃, Humidity 70%						
Heating capacity	kW	4.7-2.5	6.6-1.9	7.9-2	9.5-2.2	11.2-3
Power consumption	kW	1.02-0.35	1.43-0.27	1.72-0.28	2.07-0.31	2.43-0.42
C.O.P.	W/W	7.1-4.6	7.1-4.6	7.2-4.6	7.2-4.6	7.2-4.6
* General data						
Compressor type		Inverter Mitsubishi Compressor				
Voltage		220~240V / 50Hz or 60Hz /1PH				
Rated current	A	5.5	6.9	7.9	10.0	11.8
Minimum fuse	A	9	10	12	15	18
Advised water flux	m ³ /h	2.5	2.8	3.7	4.0	4.6
Water pressure drop	KPa	12	12	14	15	15
Advised pool volume (with pool cover)	m ³	10-25	12-33	15-60	18-66	25-85
Refrigerant		R410A				
Heat exchanger		Twist-titanium tube in PVC				
Water connection	mm	50mm				
Fan quantity		1				
Ventilation type		Horizontal				
Fan speed	RPM	500-850			550-850	
Noise level(10m)	dB(A)	≤41	≤42	≤42	≤43	≤43
Noise level(1m)	dB(A)	40-50	40-52	40-52	40-54	41-54
* Dimension						
Net weight	kg	56	68	73	78	98
Gross weight	kg	68	73	78	83	113
Net dimension	mm	855*325*565			986*352*672	
Packing dimension	mm	930*420*615			1056*426*715	

Operating conditions ► -12°C to 43°C

Model		ZSXP20i	ZSXP25iA	ZSXP30i
* Performance at Air 28°C, Water 28°C, Humidity 80%				
Heating capacity	kW	19-4.7	24-5.9	28.5-6.8
Power consumption	kW	3.1-0.29	4-0.37	4.75-0.43
C.O.P.	W/W	16-6	16-6	16-6
* Performance at Air 15°C, Water 26°C, Humidity 70%				
Heating capacity	kW	14-3.9	17.2-4.5	22.8-5.6
Power consumption	kW	2.78-0.54	3.74-0.63	4.26-0.78
C.O.P.	W/W	7.2-4.6	7.2-4.6	7.2-4.6
* General data				
Compressor type		Inverter Mitsubishi Compressor		
Voltage		220~240V / 50Hz or 60Hz /1PH		
Rated current	A	14.0	17.7	21.0
Minimum fuse	A	21	27	34
Advised water flux	m ³ /h	5.0	8.0	10.0
Water pressure drop	KPa	18	20	25
Advised pool volume (with pool cover)		55-120	65-130	75-180
Refrigerant		R410A		
Heat exchanger		Twist-titanium tube in PVC		
Water connection	mm	50		
Fan quantity		1		2
Ventilation type		Horizontal		
Fan speed	RPM	450-650		(550-850)*2
Noise level(10m)	dB(A)	≤45	≤46	≤49
Noise level(1m)	dB(A)	41-54	42-60	42-60
* Dimension				
Net weight	kg	117	128	130
Gross weight	kg	135	146	148
Net dimension	mm	1040*355*895		1040*355*1295
Packing dimension	mm	1095*405*1025		1120*405*1430