

Our Products Swimming Pool Heat Pump Range

- Designed in Australia for Australian Conditions
- A Pool Heat Pump range for all Spa & Pool Sizes
- Three year Compressor Warranty and 15 year Titanium Heat Exchanger Warranty



Commercial Pool up to 280m ³	 <p>T-PHP1000AB 100kW Output 43,000L/H Noise 58dec Dimensions: 2000/900/1880 mm Three Phase Power Top Discharge</p>
Medium Large Pool up to 120m ³	 <p>T-PHP450 AB 45kW Output 19,000L/H Noise 55dec Dimensions: 1450/720/1060 mm Three Phase Power Top Discharge</p>
Medium Pool up to 55m ³	 <p>T-PHP260AB 26kW Output 8000L/H Noise 54dec Dimensions: 752/691/959 mm Single Phase – Plug & Play Top Discharge</p>
Small Pool up to 30m ³	 <p>T-PHP140AB 15kW Output 6000L/H Noise 52dec Dimensions: 1116/425/686 mm Single Phase – Plug & Play Side Discharge</p>
Spa up to 17m ³	 <p>T-PHP78AB 7.8kW Output 4550L/H Noise 51dec Dimensions: 935/282/550 mm Single Phase – Plug & Play Side Discharge</p>

Swimming Pool Heat Pump Comparison



TIVOK MODEL NUMBER	T-PHP78AB-S	T-PHP140AB-S	T-PHP250AB-S*	T-PHP260AB	T-PHP450AB	T-PHP1000AB
Electrical Input						
Power Supply	AC-220~240V/1Ph/50Hz	AC-220~240V/1Ph/50Hz	AC-380V/1Ph/50Hz	AC-415V/3Ph/50Hz	AC-415V/3Ph/50Hz	AC-415V/3Ph/50Hz
Power Input (Water Pump Included)	1.58kW	2.61kW	4.8kW	4.75kW	7.56kW	20.6kW
Max. Power Input	2.51kW	4.43kW	7.92kW	7.92kW	12.47kW	27.4kW
Running Current	7.5A	12.5A	22A	8.39A	13.6A	40.6A
Max. Current	12A	20A	34A	14A	21.8A	54A
System Performance						
Working Temperature Range	-5~43°C	-5~43°C	-5~43°C	-5~43°C	-5~43°C	-5~43°C
Max Outlet Temperature	40°C	40°C	40°C	40°C	40°C	40°C
Heating Capacity (A24/W27)	7.8W	14kW	21.0kW	26.0kW	45.0kW	100kW
Heating Capacity (A24/W27)	26600Btu	47740Btu	85300Btu	88660Btu	153400Btu	341000Btu
COP	5	5.4	5.47	5.5	6	4.9
Noise (At 1 Meter)	51 dB (A)	52 dB (A)	54 dB (A)	54 dB (A)	55 dB (A)	58 dB (A)
Recommended pool size*	Up to 18m ³	Up to 36m ³	Up to 65m ³	Up to 70m ³	119m ³ to 216m ³	215m ³ to 450m ³
Technical Data						
Compressor	Mitsubishi (Rotary Type)	Sanyo(Scroll Type)	Toshiba (Rotary Type)	Sanyo (Scroll Type)	Sanyo(Scroll Type)	Sanyo(Scroll Type)
Refrigerant	R410A (1.1kg)	R410A (1.8kg)	R410A (2.0kg)	R410A (3.2kg)	R410A (2 x 3.0kg)	R410A (2 x 4.5kg)
Water Heat Exchanger	Titanium-in-PVC	Titanium-in-PVC	Titanium-in-PVC	Titanium-in-PVC	Titanium-in-PVC	Titanium-in-PVC
Recommended Water Flow Rate	4550L/H	6000L/H	7000L/H	8000L/H	Up to 19000L/H	43000L/H
Water Inlet/Outlet Connection	1.5inch	1.5inch	1.5inch	1.5inch	2inch	3inch
Gross Weight	60kg	107kg	146kg	146kg	294kg	620kg
Net Size (L/W/H)	935/282/550 mm	1116/425/686 mm	752/691/959 mm	752/691/959 mm	1450/702/1060 mm	2000/900/1880 mm