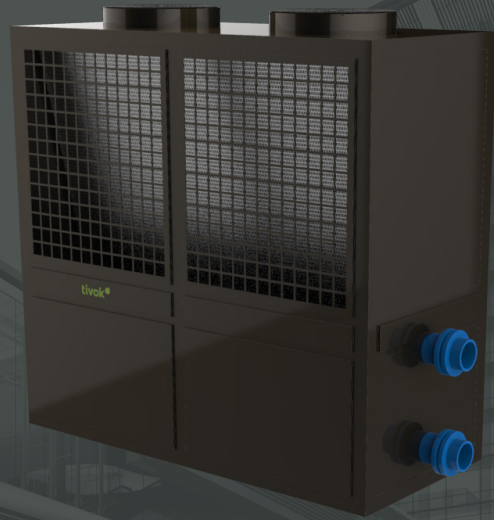


T-PHP1000AB

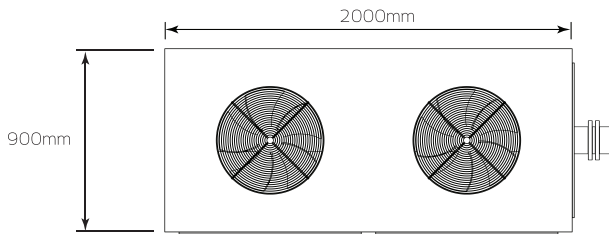
100KW SWIMMING POOL HEAT PUMP

Tivok Swimming Pool Heat Pumps are an energy efficient way to heat and maintain comfortable swimming pool temperatures.

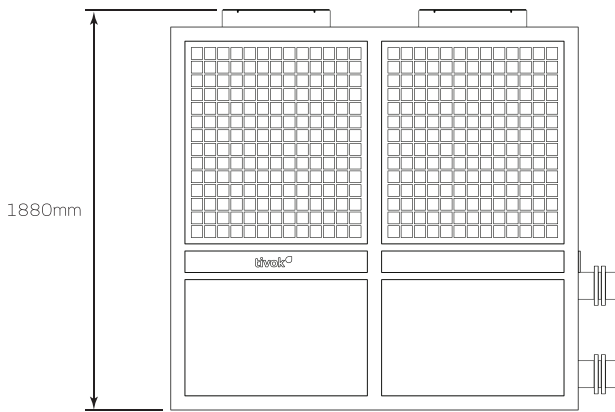
The heat pump heats chlorinated or salt water pools at an efficiency greater than 5 times^{*1} that of conventional electric or gas heaters.



TECHNICAL DRAWING



Plan View



Front View

**5 YEARS
PARTS WARRANTY**

CE RoHS

**15 YEARS
TITANIUM HEAT EXCHANGER WARRANTY**

SPECIFICATIONS

T-PHP1000AB

Air Discharge Platform	Top Discharge	
Default Water Temp / Max Water Temp	28°C	43°C
Working Ambient Temperature Range	-5°C~43°C	
Min / Recommended Water Flow Rate	25m ³ /hour	35m ³ /hour
Water Pressure Loss / Max Water Pressure	45kPa	1MPag
Heating Output ^{*1} / Power Input ^{*1}	100kW	20.6kW
Coefficient of Performance (COP) ^{*1}	4.85	
Max Current / Running Current ^{*1}	54A	40.6A
Starting Current	160A	
Input Voltage / Frequency / Phase	380-415V-50Hz 3ph	
Heat Pump Unit Dimensions	2000×900×1880mm	
Packaging Dimensions	2090×985×2020mm	
Net Weight / Gross Weight	530kg/620kg	
Outlet Fittings	DN50 PVC Female	
Noise Level	58dB(A)	
Refrigerant	R-410A	
IP Rating	Outdoor Rated IPX4	
Water Heat Exchanger Material	Titanium	
Compressor Type / Brand ^{*4}	Scroll × 2	Sanyo
Controller	Multifunction LCD Controller	

^{*1}Based on ambient air temperature 24°C (DB)/19°C (WB), inlet water temperature 27°C

^{*2} Assumes indoor pool with pool cover heated to 27 degrees, detailed system sizing should be conducted for all systems

^{*3}Noise Level Standard: Noise from 1, 4 and 10 metres, as per the directives EN ISO 3741 & EN ISO 354

^{*4}Compressor brand may vary