

# T-HP1250AB

## 125KW HOT WATER HEAT PUMP

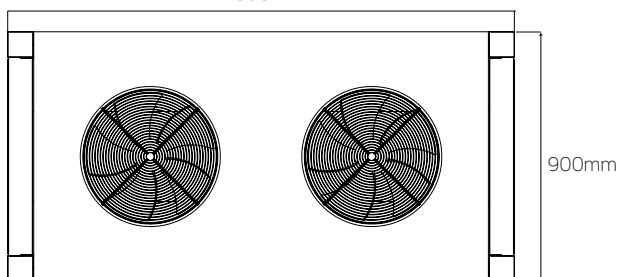
Heat Pumps are the workhorse of the Tivok Energy Thermal System. Heat Pumps utilise the heat energy in the air to heat water at an energy efficiency greater than 4 times\*<sup>1</sup> that of conventional electric or gas heaters. Not suitable for swimming pool heating.



### TECHNICAL DRAWING

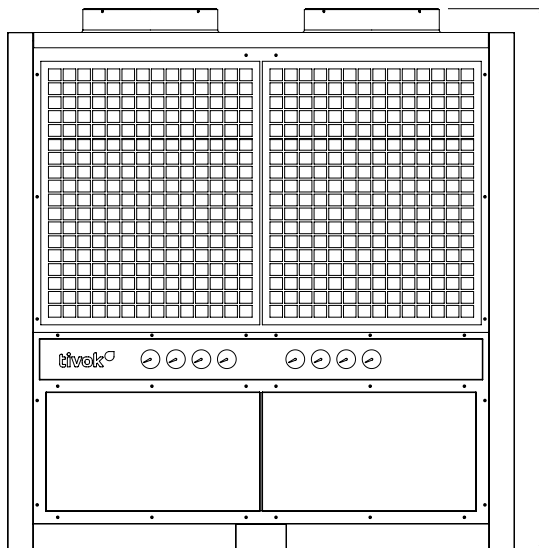
Plan View

2000mm



Front View

1880mm



**5 YEARS  
PARTS WARRANTY**

**CE** RoHS

### SPECIFICATIONS

### T-HP1250AB

Air Discharge Direction	Top Discharge	
Default Water Temp / Max Water Temp	55°C	60°C
Working Ambient Temperature Range	-15°C~43°C	
Recommended Water Flow Rate	26.9m <sup>3</sup> /hour	
Water Pressure Loss	90 kPa	
Hot Water Yield* <sup>1</sup>	2687 L/hour	
Heating Output* <sup>1</sup> / Power Input* <sup>1</sup>	125kW	30.3kW
Coefficient of Performance (COP)* <sup>1</sup>	4.13	
Max Current / 55°C Running Current	74.85A	49.9A
Starting Current	210A	
Input Voltage / Frequency / Phase	380-415V-50Hz 3ph	
Heat Pump Unit Dimensions	2000x900x1880mm	
Packaging Dimensions	2090x985x2020mm	
Net / Gross Weight	620kg	710kg
Outlet Fittings	DN50 BSP 2" Female	
Noise Level	< 70 dB(A)	
Refrigerant	R-410A	
IP Rating	Outdoor Rated IPX4	
Electrical Protection	IEC Protection Class I	
Water Heat Exchanger Material / Type	Copper	Shell/Tube
Compressor Type / Brand* <sup>3</sup>	Scroll	Sanyo
Controller	Multifunction LCD Controller	

\*<sup>1</sup> Ambient air temperature 20°C (DB)/15°C (WB), initial/final water temp 15°C/55°C

\*<sup>2</sup> Compressor brand may vary