

SINCE 1950s

thermex
SOLUTIONS

thermex
SOLUTIONS

HEAT PUMP WH



THERMEX SOLUTION
Heat pump manufacturer in AUSTRALIA
ABN 61 150 461 573

THERMEX SOLUTIONS

THERMEX SOLUTIONS AUSTRALIA P/L
16/165 WALDRON RD
CHESTER HILL NSW 2162
AUSTRALIA
ABN 61 150 461 573

THERMEX SOLUTIONS
NSW 2162

<http://thermex-solutions.com.au>



MADE IN AUSTRALIA

AUSTRALIAN MADE PRODUCTS

- Air-to-Air Hot Water Heat Pumps
- Water-to-Water Hot Water Heat Pumps
- Ground-sourced Hot Water Heat Pumps
- Reverse cycle Heat Pump/Chillers
- Elite Sports Ice-bath Chillers
- Aquaculture Heat/Cool Heat Pumps
- Domestic resident home heat pump

PRODUCT FEATURE

- High Coefficient of performance
- Environment friendly purposed products
- Anti-Corrosion treatment of evaporator
- Digital Control and BMS Connectivity
- Copeland /Dafoss Scroll Compressor
- Double-wall Condenser and condensate drainage
- Smaller space in higher Performance in Design

25 YEAR COMMITMENT IN ASIA PACIFICA

Proud of 25 years in services and supply in Asia Pacific and 12 years in Viet Nam with huge projects all over Vietnam From Quang Ninh to Da nang ,Nha Trang ,Ho Chi Minh City and Phu Quoc with 5 to 6 Star-Projects

- Cliff Resort and hotel Quy Nhon
- Vung Me Hotel Resort Nha Trang
- Avani Hotel Quy Nhon
- VinMec Nghe An , VinMec Quang Ninh

- Royal City Appartment
- Laguna resort, Angsana Hotel - Hue
- Time City Appartment
- Vin-homes Nguyen Chi Thanh
- Intercontinental Da Nang, Novotel - Da Nang
- VinPearl Hai Phong
- VinPearl Nghe An , VinPearl Nha Trang
- VinPearl Phu Quoc

All operational heating capacity, power consumption and current draw data shown bellow is based on the heat pump operating at the limit of its design and is intended to be an indication only. THERMEX's product range is subject to change without notice Each unit will be individually designed to customer requirements and a detailed product specification will be supplied at time of order including installation instructions and dimensions. The power consumed by the unit and the current it will draw vary depending on how the unit is constructed. The units performance may also vary slightly from the figures above based on customer requirements



2/8 GUNYA Str. REGENTS PARKS, NSW, 2143, AUSTRALIA.
www.thermex-solutions.com.au



MADE IN AUSTRALIA



MADE IN AUSTRALIA



2/8 GUNYA Str. REGENTS PARKS, NSW, 2143, AUSTRALIA.



Components & Diagram

- 1

Hot water outlet
- 2

Intlet from hp
- 3

Sensor inlet
- 4

Return used hot water R
- 5

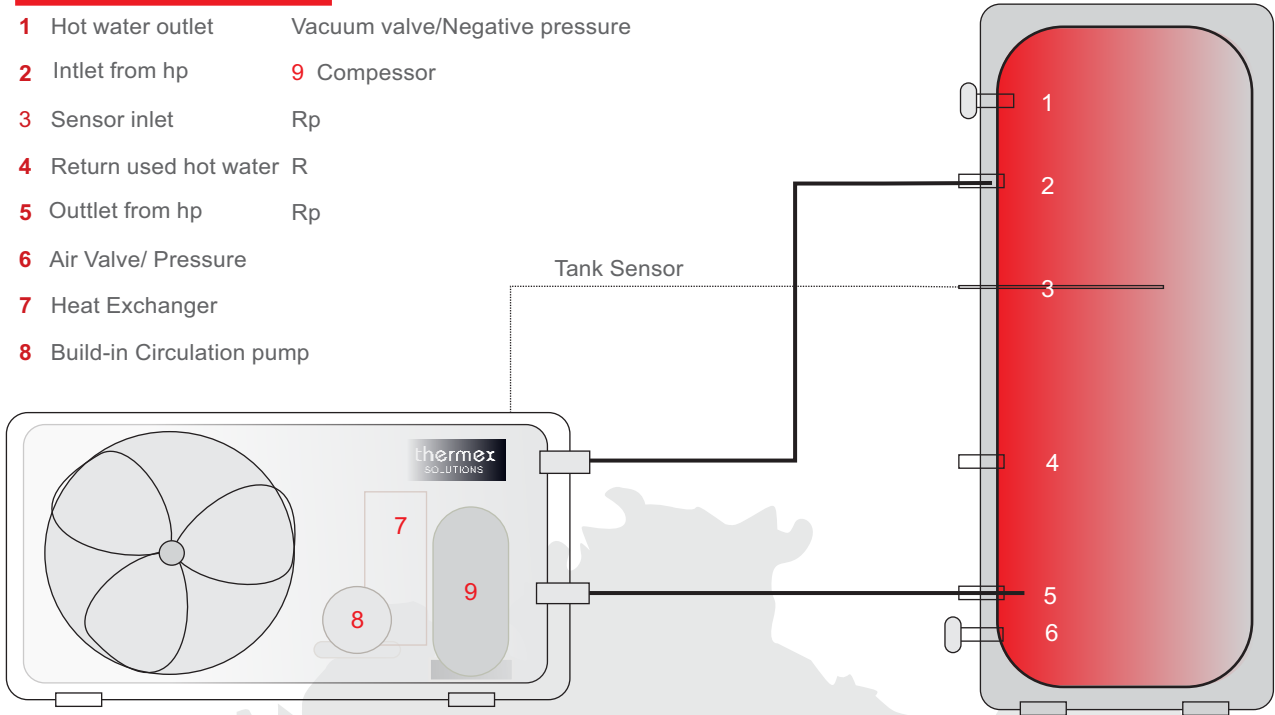
Outlet from hp
- 6

Air Valve/ Pressure
- 7

Heat Exchanger
- 8

Build-in Circulation pump
- 9

Compressor
- Vacuum valve/Negative pressure
- Rp
- Rp



INSULATION TANK									HEAT PUMP								
		230	270	280	300	310	330	360		230L	270L	280L	300L	310L	330L	360L	
Volume	l	232	271	281	302	313	335	365	Input Power 220V/Kw	1.25	1.85	1.85	1.85	1.85	2.15	2.15	
Weight	kg	52	59	65	70	72	77	86	Heating Capacity Kw	6.0	8.5	8.5	8.5	8.5	10	10	
Max. w. pressure	bar	03	03	03	03	03	03	03	Water Flow rate L/H	1.5	2.5	2.5	2.5	2.5	3.0	3.0	
Max. w. temp	°C	55	55	55	55	55	55	55	Weather resistant	lpx4	lpx4	lpx4	lpx4	lpx4	lpx4	lpx4	
Neodul insulation	mm	10	10	10	10	10	10	10	Hot water output L/H	120	180	180	180	180	210	210	
Energy efficiency class	B	B	B	B	B	B	B	B	Refrigerant	R410a							

SERIES TH50A3S595AW

Parameter Air Source Heat Pump