

# ENERGYLINE PRO

#### **SWIMMING POOL HEAT PUMP UNIT**



Installation & Instruction Manual Australia & New Zealand

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### **CONTENTS**

1.	Preface	1
<del>2</del> .	Specifications	2
	2.1 Technical data for the swimming pool heat pump unit	2
	2.2 Operating range	3
	2.3 Dimensions	4
3.	Installation and connection	5
	3.1 Functional diagram	5
	3.2 Heat pump unit	6
	3.3 Hydraulic connection	6
	3.4 Electrical connection	7
	3.5 Initial start-up	8
	3.6 Water flow setting	10
<b>4.</b>	User interface	11
	4.1 Overview	11
	4.2 Clock function/settings	13
	4.3 Timer function/settings	13
	4.4 Operation mode selection: heating or	
	cooling	14
	4.5 Setting and visualisation for the set point	15
	4.6 Locking and unlocking the touch screen	15 
<b>5.</b>	Maintenance and Winterising	16
	5.1 Maintenance	16
	5.2 Winterising	16
<b>6.</b>	Appendix	17
	6.1 Electrical Diagrams	17
	6.2 Heating priority wiring	21
	6.3 Exploded view and spare parts	22
	6.4 Troubleshooting guide	28
	6.5 Warranty	29

Please read attentively and save for future consultation.
This document must be given to the pool owner and should be kept in a safe place.

### 1. PREFACE

We thank you for purchasing this Hayward swimming pool heat pump unit. This product was designed according to strict manufacturing standards to satisfy the required quality levels. This manual includes all of the necessary information concerning installation, debugging and maintenance. Please attentively read this manual before opening the unit or before carrying out any maintenance operations on it. The manufacturer of this product will not, under any circumstances, be held responsible in the case of injury to the user or damage to the unit resulting from improper installation, debugging or unnecessary maintenance. It is essential to follow all of the instructions specified in the manual at all times. The unit must be installed by a qualified professional and in accordance with AS/NZS 3000 Wiring Rules.

- Repairs must be made by a qualified professional.
- All electrical connections must be made by a qualified electrician according to AS/NZS 3000 Wiring Rules.
- Maintenance and the different operations must be carried out at the recommended times and frequencies as specified in this manual.
- Only use genuine spare parts.
- Failure to comply with these recommendations will invalidate the warranty.
- This swimming pool heat pump unit heats swimming pool water and maintains a constant temperature; it should not be used for any other purpose.

After having read this manual, keep it for future usage.

Warnings concerning children/people with reduced physical capacity: This appliance is not intended to be used by persons (especially children) with reduced physical, sensory or mental capabilities or by persons who lack experience or knowledge, unless they are under supervision or have received instructions concerning the use of the appliance by a person responsible for

their safety.

This product contains greenhouse effect fluorinated gases covered by the Kyoto protocol.

Type of refrigerant: R410A

GAP Value<sup>(1)</sup>: 1975

Periodic inspections for refrigerant leakage can be required as a function of European or local legislation. Please contact your local distributor for additional information.

(1) Potential for global warming

### 2. SPECIFICATIONS

### 2.1 Technical data for the swimming pool heat pump unit

Models	ENERGYLINE PRO	ENP2M-9A	ENP3M-13A	ENP6M-21A
Heating capacity*	kW BTU/h	9,0 30735	13 44395	21,0 71715
Absorbed electrical power	kW	2,0	2,36	3,82
Running current*	А	8,4	11,6	17,5
Power Supply	V Ph/Hz	230 V ∕ 1 / 50Hz	230 V <b>∼</b> 1 / 50Hz	230 V ∕ 1 / 50Hz
aM type fuse calibre	А	12 aM	16 aM	30 aM
Curve D circuit breaker	А	12 D	16 D	30 D
Compressor quantity		1	1	1
Type of compressor		Rotary	Rotary	Scroll
Fan quantity		1	1	1
Fan power	W	120	150	150
Fan rotation speed	RPM	850	850	850
Ventilation		Horizontal	Horizontal	Horizontal
Sound pressure level (@ 1 metre)	dB(A)	54	56	56
Hydraulic connection O.D	mm	48,3	48,3	48,3
Nominal water flow*	m³/h	3,4	5	7
Water pressure drop (max)	kPa	10	12	17
Unit net dimensions (L/W/H)	mm	1025/455/ 660	1140/470/ 875	1140/470/ 875
Unit shipping dimensions (L/W/H)	mm	1130/470/ 760	1240/500/ 980	1240/500/ 980
Net weight / shipping kg weight		61/75	80/98	110/125

### 2. SPECIFICATIONS (continued)

### 2.2 Operating range

Use the swimming pool heat pump unit within the following ranges of temperature and humidity to ensure safe and efficient operation.

	Heating mode	Cooling mode	
Outside temperature	+2°C ~ +35°C	+7°C ~ +43°C	
Water temperature	+12°C ~ +40°C	+8°C ~ +40°C	
Relative humidity	< 80%	< 80%	
Setting range from the set point	+15°C ~ +35°C	+8°C ~ +35°C	

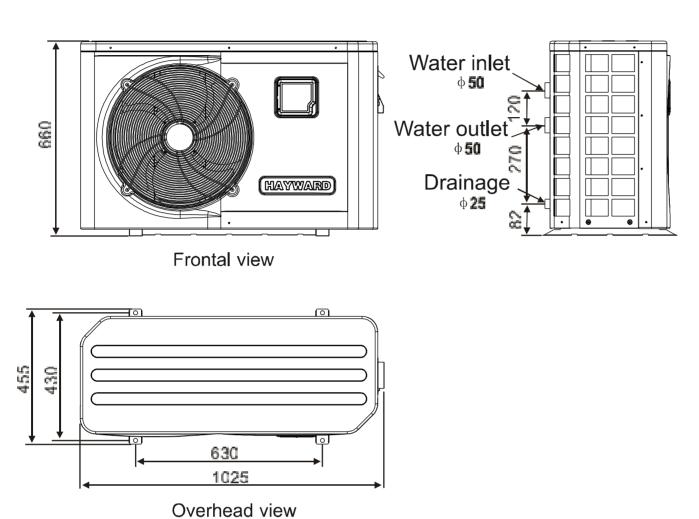


If the temperature or humidity are outside of the ranges specified above, the built in protection features could activate and shutdown the swimming pool heat pump.

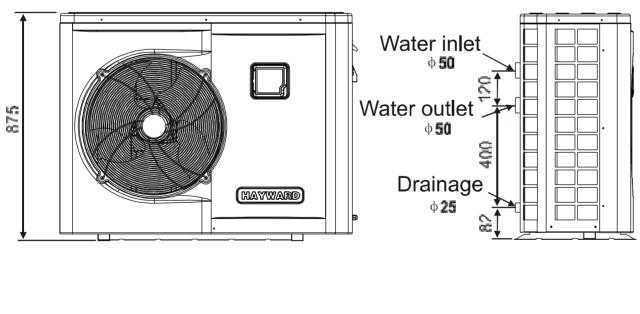
### 2. SPECIFICATIONS (continued)

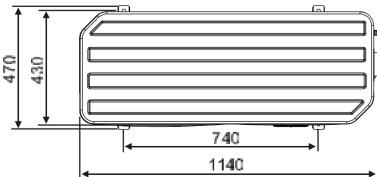
### 2.3 Dimensions

Models: ENP2M-9A Unit: mm



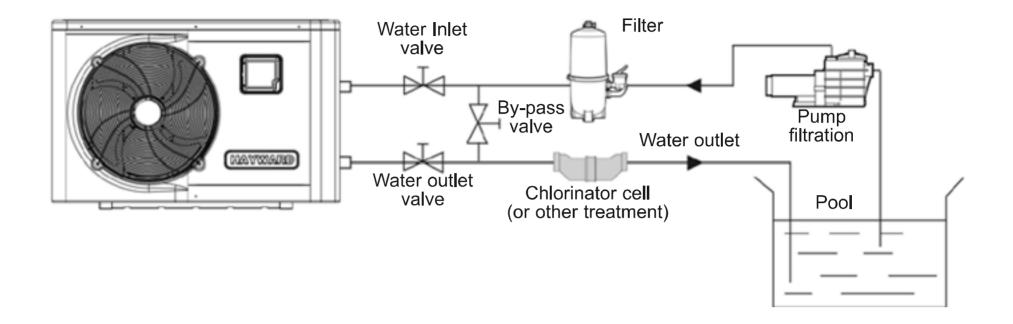
Models: ENP3M-13A / ENP6M-21A Unit: mm





#### 3. INSTALLATION AND CONNECTION

### 3.1 Functional Diagram



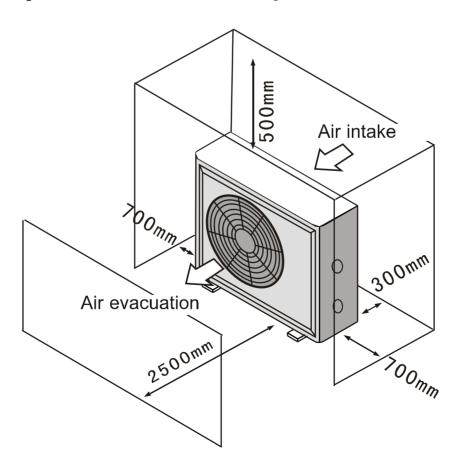
Note: The swimming pool heat pump unit is sold without any treatment or filtration equipment. The components presented in the diagram are spare parts to be supplied by the installer.

### 3.2 Heat pump



Place the heat pump outdoors and away from any enclosed technical space.

Placed under a shelter, the minimum required distances mentioned below must be respected in order to avoid any risk of air recirculation and a deficiency in the unit's overall performance.





It is advised to install the unit on a dissociated cement block or a mounting bracket designed for this use and to set up the unit on the supplied rubber bushing and fastening with appropriate fasteners (bolts, screws, ect). Fasteners and washers not supplied.

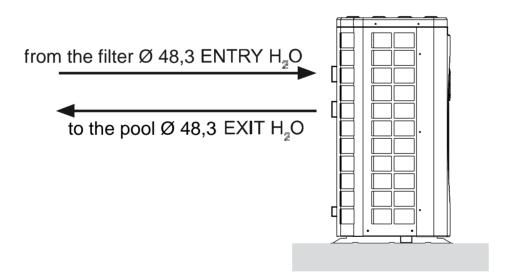
The unit shall not be located any closer to the swimming pool than inside zone 2 as explained in AS/NZS 3000 Wiring Rules.

The maximum installation distance between the unit and the swimming pool is 15 metres.

The total length of the piping to and from the unit is 30 metres. Insulate both the above ground and buried hydraulic piping.

### 3.3 Hydraulic connection

The unit is supplied with two 48.3 mm Ø union connections to suit 40mm PVC pipe. Connect the water inlet to the heat pump coming from the filtration group, then connect the water outlet of the heat pump to the pipe going to the pool (see diagram below).



Install a by-pass valve between the heat pump entrance and exit.



If an automatic chemical distributor or a salt chlorinator is used, it should be installed imperatively after the heat pump to ensure the protection of the titanium condenser against elevated concentrations of chemicals.



Be sure to install the by-pass valve and the supplied union connections at the water inlet and outlet level in order to simplify purging during the winter period and to facilitate access when disassembling for maintenance.

#### 3.4 Electrical connection



Electrical installation and wiring for this equipment must be in conformity with AS/NZS 3000 Wiring Rules.

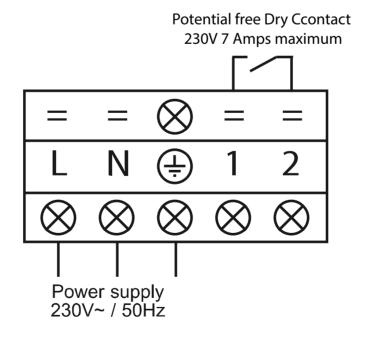


Verify that the available electrical power supply and the network frequency correspond to the required operating current taking into account the appliance's specific location, and the current required to supply any other appliance connected to the same circuit.

ENP 2M-9A 230 V~ +/- 10% 50 HZ 1 Phase ENP 3M-13A 230 V~ +/- 10% 50 HZ 1 Phase ENP 6M-21A 230 V~ +/- 10 % 50 HZ 1 Phase

See the corresponding wiring diagram in the appendix.

The connection box is located on the right side of the unit. Three connections are designed for the power supply and two are for controlling the circulation pump via the Heat Priority Wiring on on page 21.





Never connect a circulation pump directly to terminals 1 & 2.

-The electrical power supply to the unit must have a fuse protection device like a feed motor (aM) or D curve circuit breaker.



- -The electrical power supply must be supplied through a Residual Current Device (RCD), with a rated residual operating current not exceeding 30mA.
- -Models with hard wired power input circuits must be supplied through an isolation switch in accordance with AS/NZS 3000 Wiring Rules.

MODELS		ENP2M-9A	ENP3M-13A	ENP6M-21A	
Dawes areals	V/Ph/Hz	230 V~	230 V~	230 V~	
Power supply		1/50 Hz	1/50 Hz	1/50 Hz	
aM type fuse	А	12 aM	16 aM	30 aM	
calibre	ζ	12 givi	10 aw	30 alvi	
Curve D circuit	А	12 D	16 D	30 D	
breaker		12.14	10 L	30 L	



Always isolate the power supply to the unit before opening the electrical control box.

### 3.5 Initial start-up

Start-up procedure - After installation is complete, follow these steps:

- 1) Rotate the fan by hand to verify that it can turn freely, and that the turbine is correctly affixed to the motor shaft.
- 2) Ensure that the unit is connected correctly to the main power supply (see the wiring diagram in the appendix).
- 3) Activate the filtration pump.
- 4) Verify that all water valves are open and that the water flows toward the unit before switching on the heating or cooling mode.
- 5) Verify that the drainage hose is correctly affixed and that it causes no obstructions.
- 6) Activate the unit power supply, then press the On/Off button on the control panel.
- 7) Ensure that no ALARM code is displayed when the unit is ON (see troubleshooting guide).

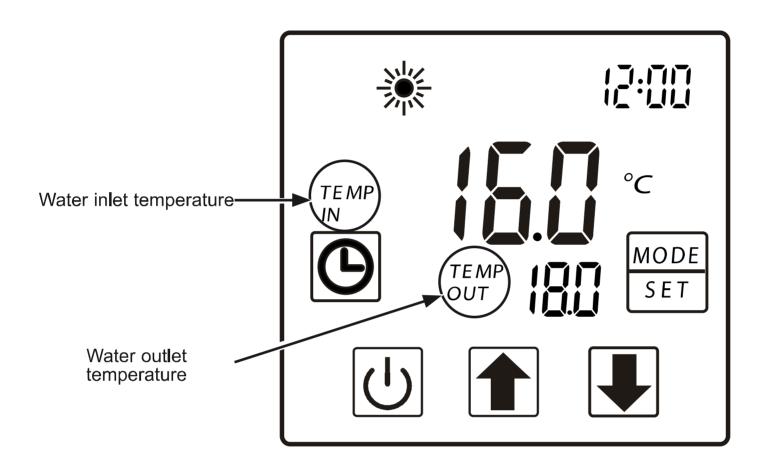
- 8) Set the water flow using the by-pass valve (see § 3.6 and 2.1), as provided for by each model, to obtain an Entry/Exit temperature of 2°C.
- 9) After running for several minutes, verify that the air exiting the unit is cool (between 5 and 10°).
- **10)** With the unit operating, turn off the filter pump. The unit should automatically turn off and display error code E03.
- 11) Allow the unit and the pool pump to run 24 hours per day until the desired water temperature has been reached. When the set water inlet temperature is reached, the unit will turn off. It will automatically restart (as long as the pool pump is running) if the pool temperature is at least 0.5°C below the set temperature.

**Water flow switch -** The unit is equipped with a flow switch that turns on the heat pump when the pool filtration pump is running, and deactivates it when the filtration pump is out of order. If the water is low, the E03 alarm code will appear on the regulator (See § 6.4).

**Time delay -** The unit is equipped with a time delay of 3 minutes in order to protect the control circuit components, to eliminate restart cycling and contactor chatter. Thanks to this time delay, the unit automatically restarts approximately 3 minutes after each control circuit interruption. Even a brief power interruption will activate the restart time delay.

### 3.6 Water flow setting

With the water entry and exit valves being open, adjust the by-pass valve in order to obtain a difference of 2°C between the inflow and outflow temperature (see principle diagram § 3.1). You can verify the switch by seeing the entry/exit temperatures directly on the control panel.



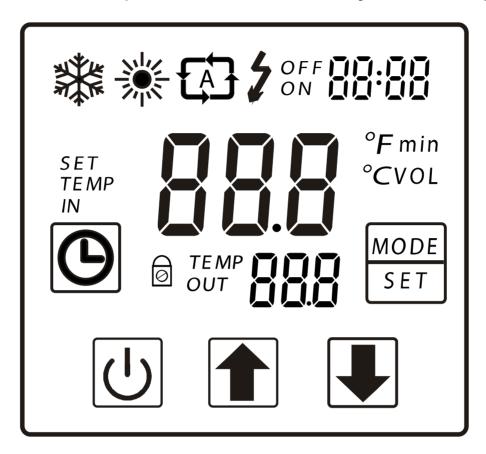
Note: Opening the by-pass valve creates a weaker flow, which leads to an increase in temperature change.

Closing the by-pass valve creates a stronger flow, which leads to a decrease in temperature change.

### 4. USER INTERFACE

### 4.1 General presentation

The heat pump is equipped with a digital control panel with a touch screen, electronically connected and pre-set at the factory in heating mode.



#### Key



Symbol Cooling Mode



Symbol Heating Mode



Automatic mode



Clock and timer settings



Selection and settings button



On/Off button and return



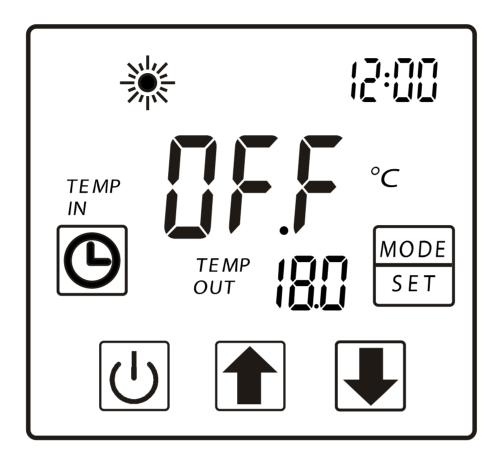
Scroll down



Scroll up

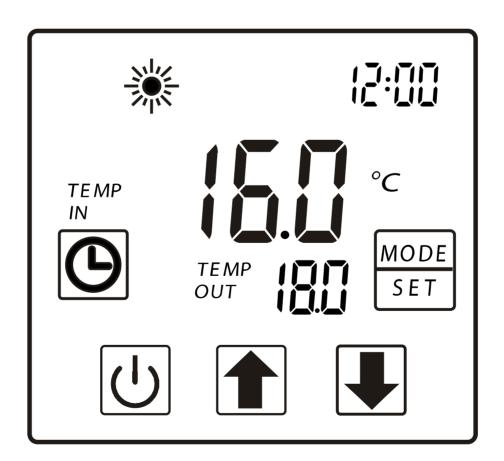
#### **OFF Mode**

When the heating pump is in sleep mode (OFF Mode) "OFF" is displayed on the command screen.



#### **ON Mode**

When the heating pump is running or regulating (ON Mode), the inlet and outlet water temperatures are displayed on the command screen.



### 4.2 Clock settings

Press 2 times on (a), the blinking time display then set the time with the arrows (a) or (a) then press one more time (b) to set the minutes with the arrows (a) or (a). Press (b) to validate.

Note: The settings will be automatically saved if no button is pressed after 5 seconds, if not press ( to validate.

### 4.3 Timer function settings

Setting this function is necessary if you would like to run the heat pump for a shorter period than what is defined by the filtration clock. Therefore, you can program a deferred start and an anticipated stop or simply stop a certain timeframe from running (at night, for example).

#### Start Program (Timer ON) / Start

- 1) Press 2 seconds, Timer "ON" blinks.
- 2) Press ( to set the hour using the buttons ( ).
- 3) Press ( to set the minutes using the buttons ( ).

It is automatically saved after 5 seconds of no action.

#### Stop Program (Timer OFF) / Stop

- 1) Press 2 seconds, Timer "ON" blinks then press 3 times in a row until timer "OFF" blinks.
- 2) Press ( to set the hour using the buttons ( ).
- 3) Press ( to set the minutes using the buttons ( ).

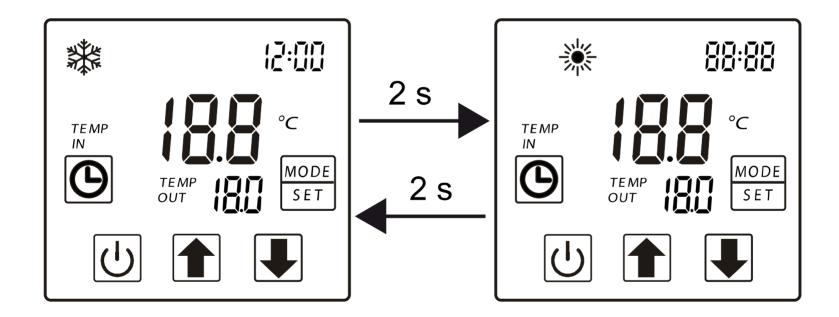
#### Turn off the Timer (Timer ON and OFF) / Off and On

- 1) Press 2 seconds, Timer "ON".
- 2) Press (b) to delete the programme.
- 3) Press 2 seconds timer "ON" blinks then press 2 seconds, Timer "OFF" blinks.
- 4) Press (b) to delete the programme.

### 4.4 Operating mode choice: heating or cooling

#### In Mode "OFF" or "ON"

Press the button 2 seconds to go from heating mode to cooling mode, and vice-versa.



# 4.5 Settings and visualisation from the set point (desired water temperature)

#### In Mode "OFF" and Mode "ON"

Press the buttons or to define the desired set point. The settings are made with a precision of 0.5 °C.



It is recommended to never surpass a water temperature of 30°C in vinyl lined pools to avoid warpage of the liner.

Note: When on or off, it is suffice to press the button for to see or modify the set point.

### 4.6 Locking and unlocking the touch screen

Press the On/Off button 5 seconds until it beeps and this symbol appears

To unlock, press  $\bigcirc$  5 seconds until it beeps and this symbol disappears  $\bigcirc$ .

#### 5. MAINTENANCE AND WINTERISING

#### 5.1 Maintenance

These maintenance operations must be carried out once per year in order to guarantee the longevity and the good working condition of the heat pump.

- Clean the coil with the help of a soft brush or jet of air or water (Warning, never use a high pressure cleaner).
- Verify that the drains flow well.
- Verify the tightening of the hydraulic and electrical connections
- · Verify the hydraulic sealing of the condenser.



Before any maintenance operation, the heat pump must be isolated from any electrical supply(s). The maintenance operations must only be carried out by personnel that are qualified and authorised to handle liquid refrigerants.

### 5.2 Winterising

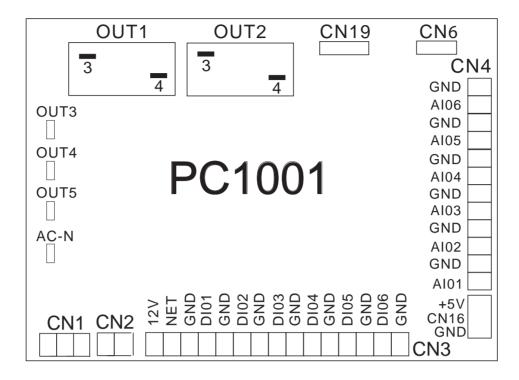
- Put the heat pump in "OFF" mode.
- Isolate the power supply to the heat pump.
- Empty the condenser with the help of the drain to avoid any risk of deterioration. (high risk of freezing).
- Close the by-pass valve and unscrew the entry/exit connection unions.
- Eliminate the maximum amount of residual stagnant water from the condenser with the help of an air gun.
- Close the water entry and exit areas of the heating pump to avoid introducing foreign bodies.
- Cover the heating pump with a dedicated winterising case.



Any damage caused by poor winterising maintenance will lead to cancellation of the warranty.

### **6. APPENDIX**

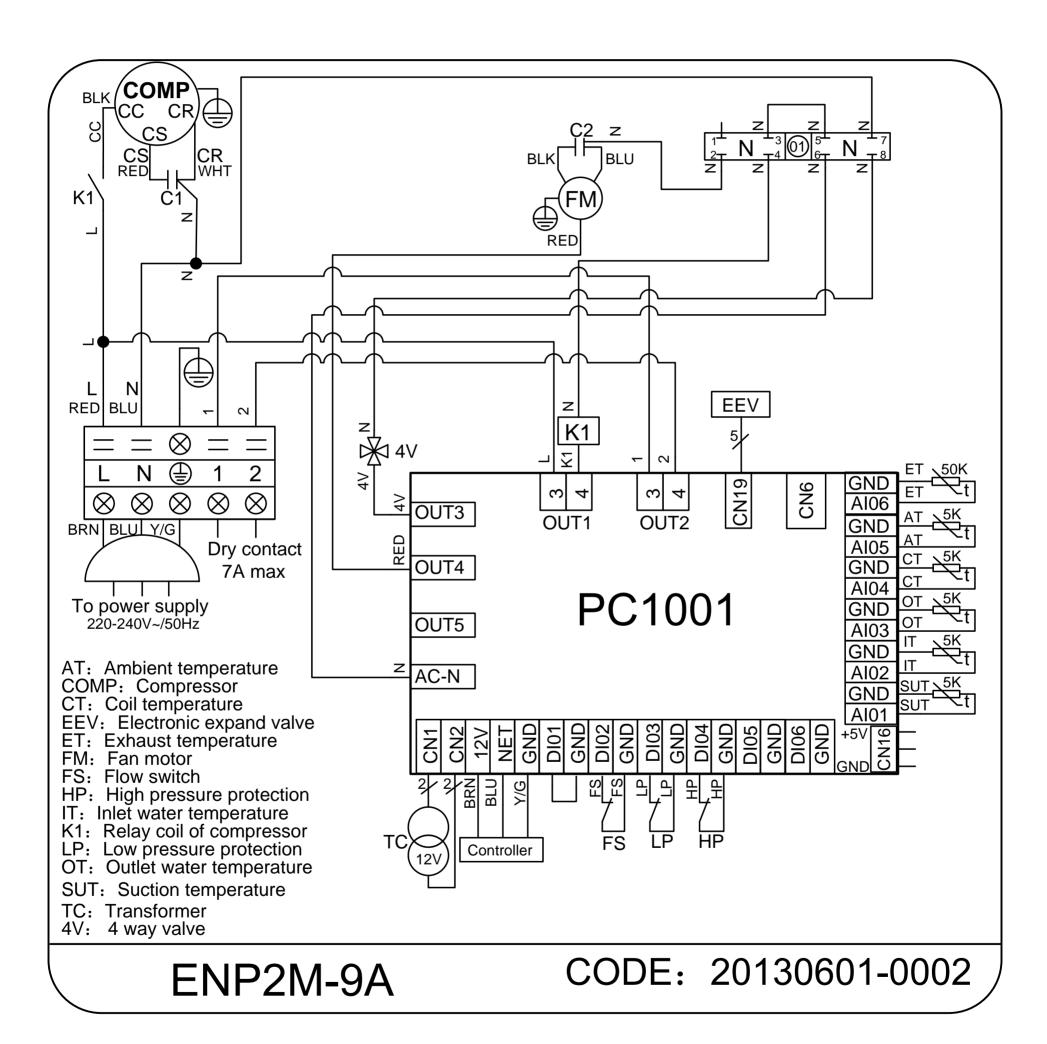
#### 1. Connection of PCB illustration



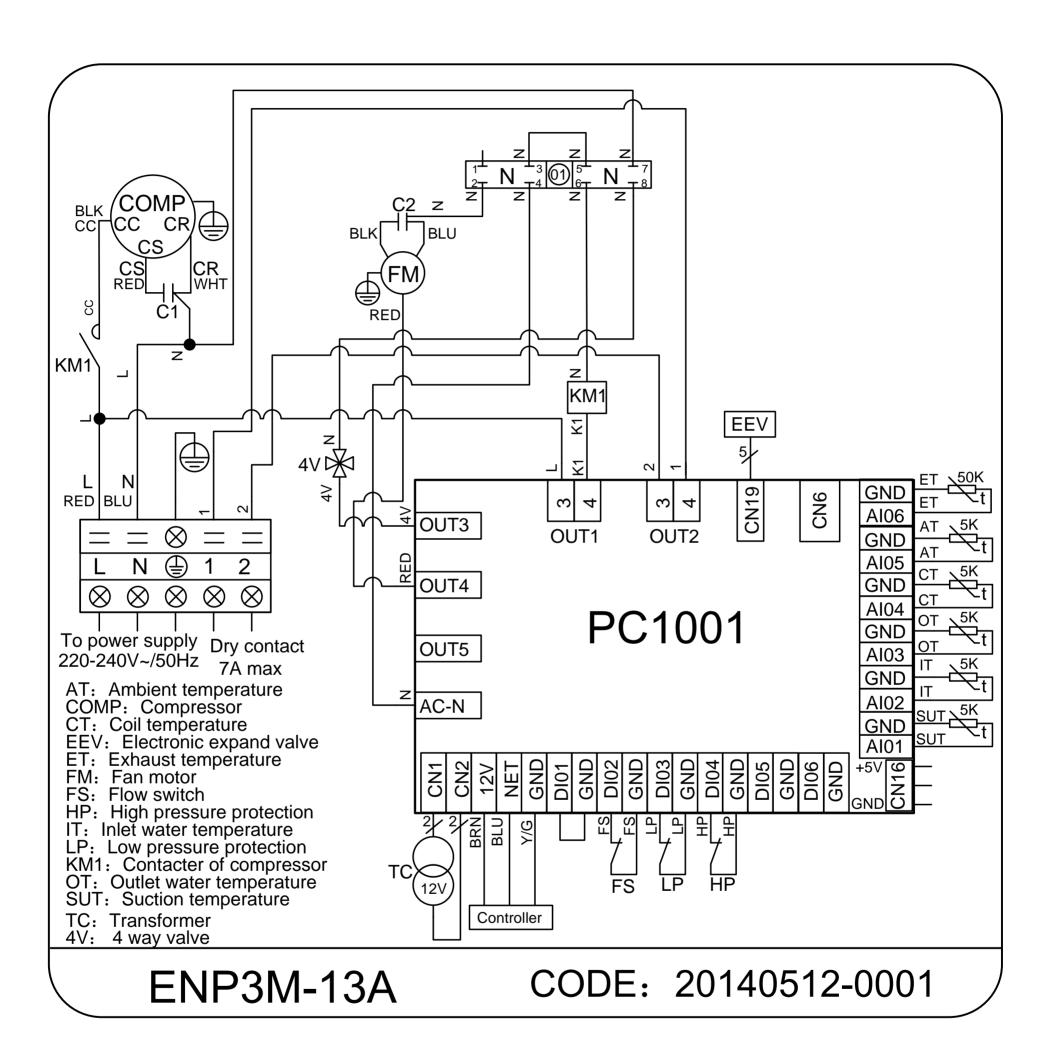
#### Connections explanation:

No.	Symbol	Meaning		
1	OUT1	Compressor of system1 (220-230VAC)		
2	OUT2	Water pump control - Dry contact 230V 7A max		
3	OUT3	4way valve (220-230VAC)		
4	OUT4	High speed of fan motor (220-230VAC)		
5	OUT5	Low speed of fan motor (220-230VAC)		
6	AC-N	Neutral wire		
7	NET GND 12V	Wire controller		
8	DI01 GND	On/Off Switch(input)(no use)		
9	DI02 GND	Flow switch (input)( normal close)		
10	DI03 GND	Low pressure protect		
11	DI04 GND	High pressure protect		
12	DI05 GND	No use		
13	DI06 GND	No use		
14	AI01 GND	Suction temperature (input)		
15	AI02 GND	Water in temperature (input)		
16 Alo3 GND Water out temperature (input)		Water out temperature (input)		
17	AI04 GND	Temperature of coil (input)		
18	AI05 GND	Ambient temp		
19	AI06 GND	Exhaust temperature (input)		
20	CN1	Primary transformer		
21	CN2	Secondary transformer		
22	CN6	Without use		
23	CN19	Electronic expansion valve		
24 5V CN16 GND Flow meter				

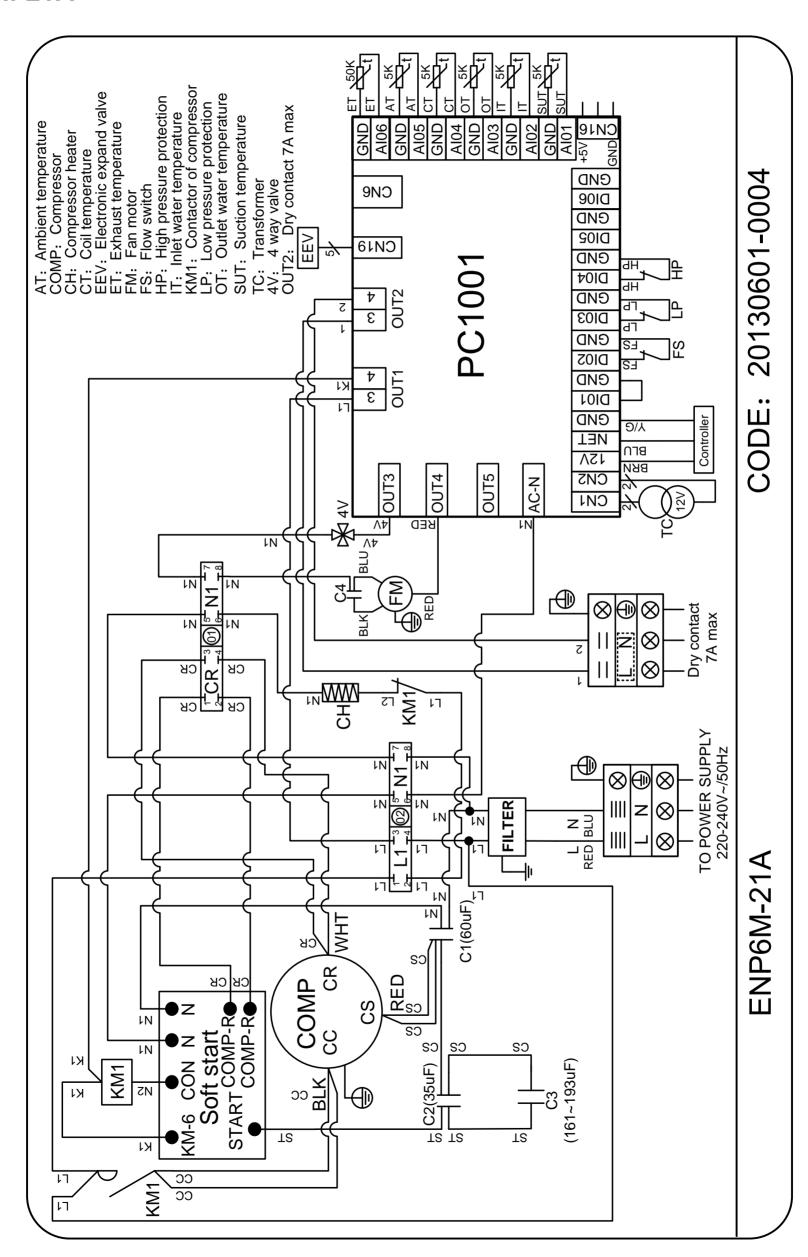
#### ENP<sub>2</sub>M-9A



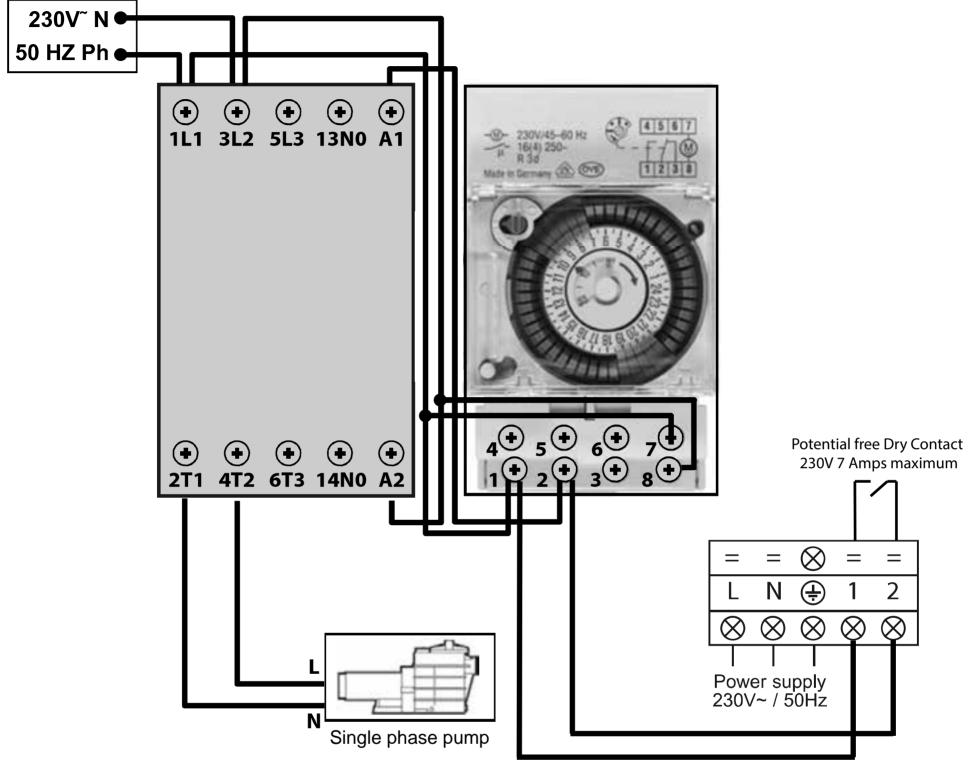
#### ENP3M-13A



#### ENP6M-21A



### 6.2 Heating priority wiring



The Heat Priority Control copmonents are to be installed by a qualified electrical contractor in accordance with AS/NZS 3000 Wiring rules.

Wire terminals 1 & 2 to the timer as shown in the above diagram.

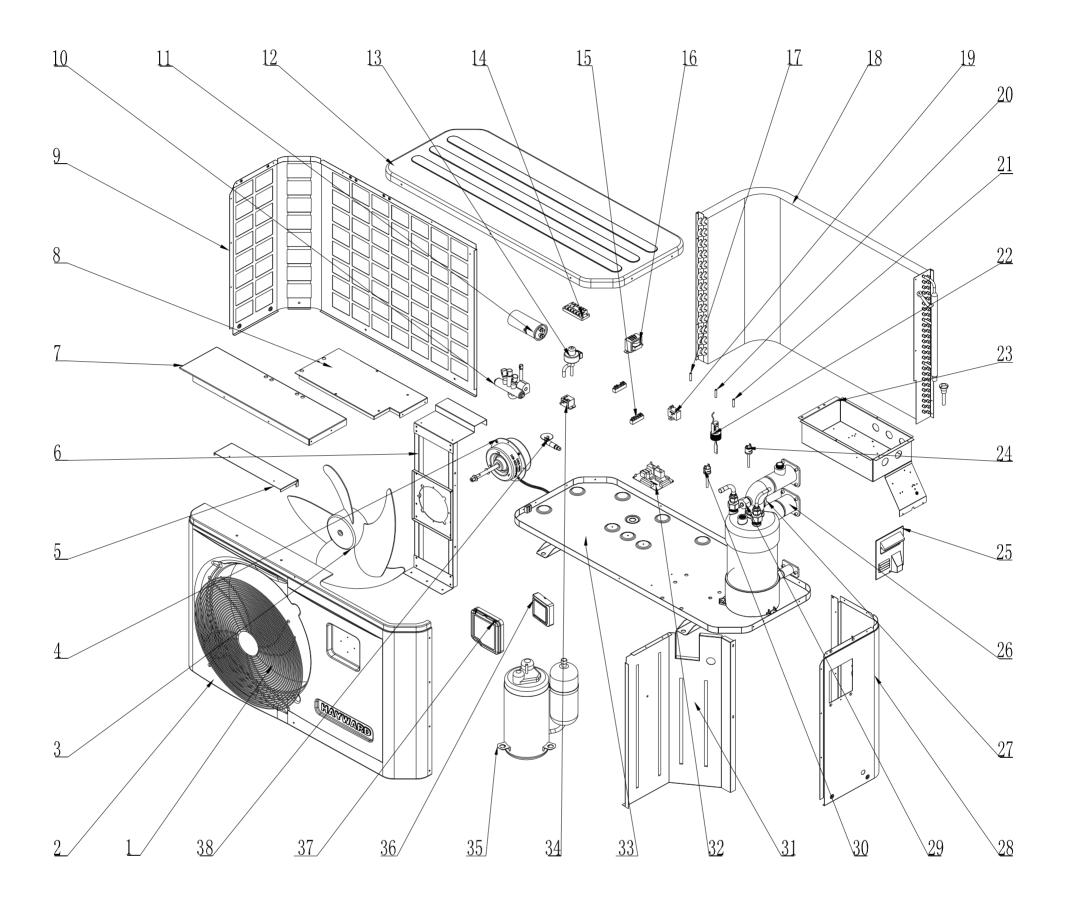
Set the circulation pump to run for 2 minutes every hour so that the heat pump can check the water temperature. If the temperature of the pool is lower than the set point of the heat pump, the circulation pump will continue to run until the set point temperature is reached.



Never connect a circulation pump directly to terminals 1 & 2.



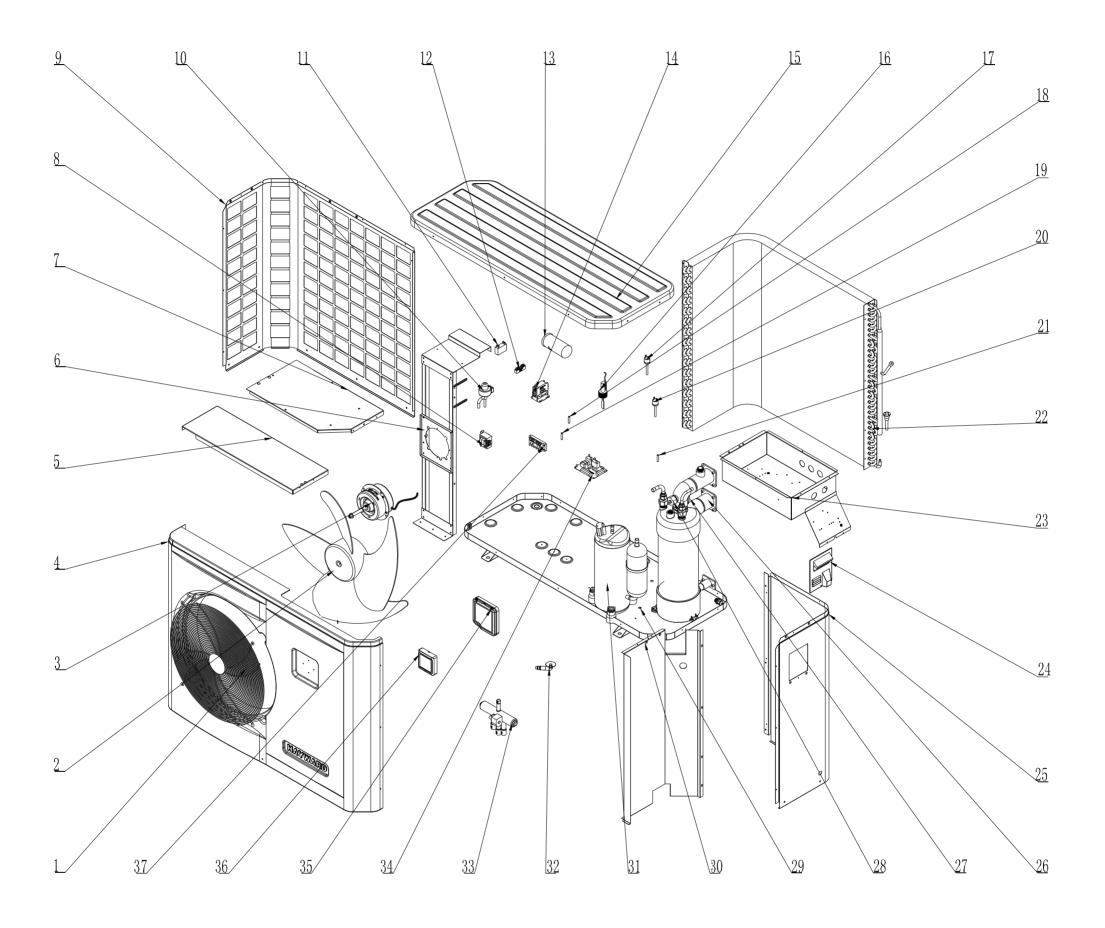
#### ENP2M-9A



#### ENP2M-9A

Item #	Part Number	Description	
1	HWX200022188	Protection cover	
2	HWX320822002	Front panel	
3	HWX35002701	Fan blade assy	
4	HWX34043301	Fan motor	
5	HWX320821069	Protection panel	
6	HWX321221108	Fan motor bracket	
7	HWX321221077	Support panel	
8	HWX321221079	Electrical box cover	
9	HWX320821072	Left panel	
10	HWX20041437	4 way valve	
11	HWX20003510	Compressor capacitor 60 μF	
12	HWX320822021	Top cover	
13	HWX2000140346	Electrical expansion valve	
14	HWX40003901	Terminal block (5 connections)	
15	HWX20003909	Terminal block (2 connections)	
16	HWX200037003	Transformer 230V~ 12V	
17	HWX20003242	Air temperature sensor	
18	HWX320812009	Fin coil	
19	HWX20003501	Fan motor capacitor 3 μF	
20	HWX20003223	Exhaust temperature sensor	
21	HWX20003242	Coil temperature sensor	
22	HWX200036005	Flow switch	
23	HWX321221078	Electrical box	
24	HWX20003603	Low pressure switch	
25	HWX320822042	Protection cover	
26	HWX320812008	PVC-Titanium condenser	
27	HWX20003242	Water inlet sensor	
28	HWX320821071	High pressure switch	
29	HWX20003242	Water outlet sensor	
30	HWX20013605	High pressure switch	
31	HWX321221076	Centre wall	
32	HWX9505311452	Main PCB	
33	HWX320821007	Chassis	
34	HWX20003619	Relay	
35	HWX20011163	Compressor	
36	HWX950531247	LCD control PCB	
37	HWX200022068	Waterproof cover	
38	HWX34002203	Drain connector	
	1111/104002200	Pian connector	

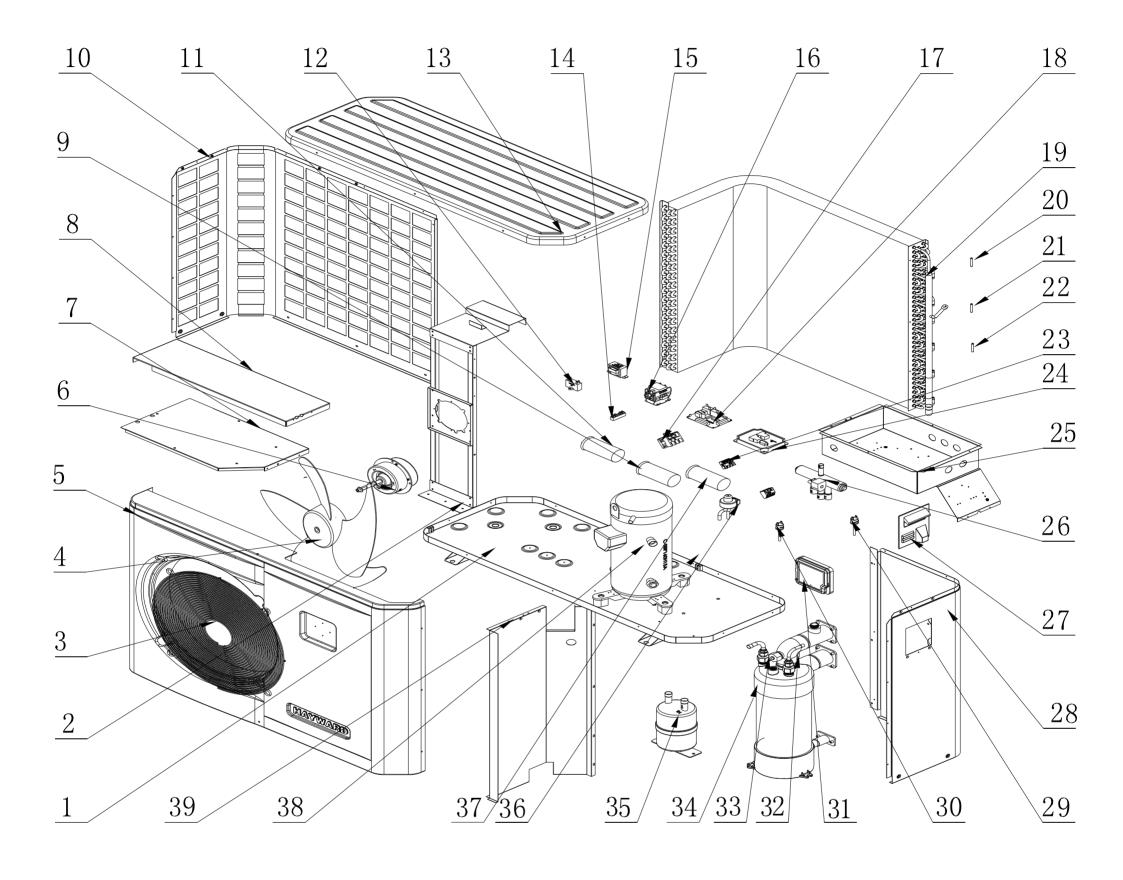
#### **ENP3M-13A**



#### **ENP3M-13A**

Item #	Part Number	Description	
1	HWX200022169	Protection cover	
2	HWX35002701	Fan blade assy	
3	HWX340433134	Fan motor	
4	HWX320822015	Front panel	
5	HWX320921025	Support panel	
6	HWX320921236	Fan motor bracket	
7	HWX320921024	Electrical box cover	
8	HWX200037003	Transformer 230V~ 12V	
9	HWX320921090	Back panel	
10	HWX2000140346	Electrical expansion valve	
11	HWX20003509	Fan motor capacitor 5 μF	
12	HWX20003909	Terminal block (2 connections)	
13	HWX20003510	Compressor capacitor 60 μF	
14	HWX200036006	Relay (compressor)	
15	HWX320922016	Top cover	
16	HWX200036005	Flow switch	
17	HWX20003603	Low pressure switch	
18	HWX20003223	Exhaust temperature sensor	
19	HWX20003242	Coil temperature sensor	
20	HWX20013605	High pressure switch	
21	HWX20003242	Air temperature sensor	
22	HWX351212001	Fin coil	
23	HWX320921021	Electrical box	
24	HWX320822008	Protection cover	
25	HWX320921089	Right panel	
26	HWX320912013	PVC-Titanium condenser	
27	HWX20003242	Water inlet sensor	
28	HWX20003242	Water outlet sensor	
29	HWX320921235	Chassis	
30	HWX320921023	Centre wall	
31	HWX200011027	Compressor	
32	HWX34002203	Drain connector	
33	HWX20041437	4 way valve	
34	HWX9505311453	Main PCB	
35	HWX200022068	Waterproof cover	
36	HWX950531247	LCD control PCB	
37	HWX40003901	Terminal block (5 connections)	

#### **ENP6M-21A**



#### **ENP6M-21A**

Item #	Part Number	Description
1	HWX320921235	Chassis
2	HWX320921236	Fan motor bracket
3	HWX200021089	Protection cover
4	HWX35002704	Fan blade assy
5	HWX320922015	Front panel
6	HWX200033134	Fan motor
7	HWX320921024	Electrical box cover
8	HWX320921025	Support panel
9	HWX20003504	Compressor capacitor 35 μF
10	HWX320921090	Back panel
11	HWX20003511	Compressor capacitor 161-193μF
12	HWX20003509	Fan motor capacitor 5 μF
13	HWX320922016	Top cover
14	HWX20003909	Terminal block (2 connections)
15	HWX200037003	Transformer 230V~ 12V
16	HWX200036007	Relay (compressor)
17	HWX20003920	Terminal block (3 connections)
18	HWX9505311456	Main PCB
19	HWX320112002	Fin coil
20	HWX20003242	Coil temperature sensor
21	HWX20003242	Air temperature sensor
22	HWX20003223	Exhaust temperature sensor
23	HWX20003933	Terminal block (3 connections)
24	HWX20003151	Smart starter
25	HWX320921021	Electrical box
26	HWX20011491	4 way valve
27	HWX320822008	Protection cover
28	HWX320921089	Right panel
29	HWX20003603	Low pressure switch
30	HWX20013605	High pressure switch
31	HWX200022068	Waterproof cover
32	HWX20003242	Water inlet sensor
33	HWX20003242	Water outlet sensor
34	HWX320112003	PVC-Titanium condenser
35	HWX35001401	Liquid tank
36	HWX2000140237	Electrical expansion valve
37	HWX20003510	Compressor capacitor 60µF
38	HWX2000111112	Compressor
39	HWX320921023	Centre wall
40	HWX200036005	Flow switch (not shown)
41	HWX34002203	Drain connector (not shown)
42	HWX950531247	LCD control PCB (not shown)

### **6.4 Troubleshooting guide**



## Certain operations must be carried out by an authorized technician.

Problem	Error codes	Description	Solution
Water inlet sensor defect.	P01	The sensor is open or presents a short-circuit.	verify of replace the sensor.
Water outlet sensor defect.	P02	The sensor is open or presents a short-circuit.	Verify or replace the sensor.
De-icing sensor defect.	P05	The sensor is open or presents a short-circuit.	Verify or replace the sensor.
Exterior temperature sensor defect.	P04	The sensor is open or presents a short-circuit.	Verify or replace the sensor.
The inlet and outlet difference in water temperature is too high.	E06	Water flow volume is insufficient, water pressure difference is too low/too high.	Verify the water flow, or system obstruction.
Antifreeze Protection Cold mode	E07	Water outlet quantity is too weak.	Verify the water flow, or the outlet water temperature sensor.
Level 1 antifreeze protection	E19	Air temperature or water inlet temperature is too weak.	
Level 2 antifreeze protection	E29	Air temperature or water inlet temperature is still too weak.	
High pressure protection	E01	Pressure of the refrigeration circuit is too high, or the water flow is too low, or the coil is obstructed or the air flow is too weak.	Verify the high pressure switch and the refrigeration circuit pressure.  Verify the water or air flow.  Verify that the flow switch is working correctly.  Verify the water inlet/outlet valve openings.  Verify the by-pass setting.
Low pressure protection	E02	Refrigeration circuit pressure is too weak, or air flow is too weak or the coil is obstructed.	Verify the low pressure switch and the refrigeration circuit pressure to determine if there is a leak. Clean the coil surface. Verify the fan rotation speed. Verify that there is free air flow to the coil.
Flow detector defect	E03	Water flow is insufficient or the detector is in short-circuit or defective.	Verify the water flow, verify the filtration pump and the flow detector to see if they have any possible problems.
Communication problem	E08	Problem with the LED controller or the PCB connection.	Verify the cable connection.
The compressor will not start	n, 0,4	Phase missing or phase order incorrect	check that the 3 phases are present modify the phase order at the heat pump's electrical connection terminal block

### 6.5 Warranty



#### Warranty - Standard Conditions

Hayward Pool Products (Australia) Pty Ltd (ACN 083 413 414) ("Hayward Pool Products (Australia)") distributes Hayward Pool Products in Australia and New Zealand and provides the following warranties:

#### **STATUTORY RIGHTS**

- 1. The benefits to the consumer under this warranty are in addition to other rights and remedies of the consumer under the laws in relation to the goods and services to which the warranty relates; and
- 2. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You may be entitled to a replacement or refund for a major failure and for compensation for any other loss or damage. You are also entitled to have the goods repaired if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

#### **LIMITED WARRANTY**

Hayward Pool Products (Australia) warrants that its products are free from defects in materials and manufacture for 12 months from date of supply by Hayward Pool Products (Australia) plus 90 days to allow for installation and supply (unless otherwise specified). Hayward Pool Products (Australia) will at its discretion, except in the circumstances described below, either replace or repair any product proven to be defective during the warranty period for either materials or manufacture or alternatively pay the cost of repair or replacement within 90 days of the receipt of the defective product, barring unforeseen delays. This warranty is personal to the original purchaser and does not pass to any subsequent purchaser(s).

To the extent permitted by law, Hayward Pool Products (Australia) will not be liable for products which fail or become defective during the warranty period as a result of freezing, accident, negligence, improper installation, water chemistry, misuse or lack of care.

To the extent permitted by law, except as set out in this Warranty, Hayward Pool Products (Australia) excludes all statutory or implied conditions and warranties and any other liability it may have to the Customer (including liability for indirect or consequential loss) that may arise under statute or at law including without limitation for breach of contract, in tort (including negligence) or under any other cause of action.

To the extent permitted by law, except as set out in this Warranty, Hayward Pool Products (Australia) limits its liability under any condition or warranty which cannot be legally excluded in relation to the supply of Goods and Services to:

- 1. Replacing the Goods or supplying equivalent Goods or Services again;
- 2. Repairing the Goods;
- 3. Paying the cost of replacing the Goods or of supplying equivalent Goods or Services again; or
- 4. Paying the costs of repairing the Goods.

#### PRODUCTS REQUIRING QUALIFIED INSTALLATION

Some products due to their technical nature are only intended for sale by retail shops where local sales and technical support can be provided or as a part of a new Pool Installation. Where installation has not been carried out in accordance with this requirement, warranty labour and support will be the sole responsibility of the reseller supplying the product. Warranty claims for such products will be limited to replacement of parts only, with faulty goods being returned to place of purchase for processing.

The following products as well as those that may be designated by Hayward Pool Products (Australia) from time to time, are not specifically intended for owner installation and are deemed to be technical products:-

- Heaters All;
- Hayward Dosing and Chemistry Control;
- Hayward Pool and Spa Controls;
- Puresilk Dosing and Chemistry Control;

Claims made for warranty, labour or infield support will not be accepted by Hayward Pool Products unless evidence is provided that installation has been completed in accordance with standard warranty conditions. Please refer to specific program document for details.





#### **HEATING PRODUCTS**

Please note that warranty claims for Heaters are handled directly by Hayward Pool Products (Australia) and are not authorised for over the counter exchanges. These items are site specific and involve local conditions such as placement, installation, water chemistry, fuel supply and electricity. Each unit needs to be evaluated on the site utilising Hayward Pool Products (Australia)'s authorised service network. Hayward Pool Products (Australia) will not be responsible for additional costs incurred where a heater has been installed at a location situated further than 25km from an authorised service outlet. Advice must be sought in writing from Hayward Pool Products (Australia) to determine appropriate service procedure on a case by case basis. Under no circumstances should a complete Heater or Heat Pump be returned without prior written approval from either Hayward Pool Products (Australia)'s warranty department or your local Branch Customer Service Centre.

#### WHAT TO DO IF YOU HAVE A WARRANTY CLAIM

The faulty product is to be returned to the place of purchase, or where installed by an approved agent to an authorised warranty agent. No returns will be received directly from end consumers by Hayward Pool Products (Australia). You are responsible for arranging removal of the defective product and arranging installation of the repaired or replacement product, all transportation (and any applicable insurance costs) of transporting the product to the supplier and transporting the replaced or repaired product from the supplier.

All returns are subject to Hayward Pool Products (Australia)'s written approval and must be accompanied by either:-

- 1. A Field Inspection Report authorised by the Local Customer Service Manager or Authorised Agent; or
- 2. A "Return Goods Authorisation" form obtained from Hayward Pool Products (Australia) prior to shipment.

Unauthorised returns will not be accepted.

All Hayward Pool Products (Australia) warranty parts taken as an across the counter warranty exchange must be held for inspection until authorisation has been given by the Local Branch Customer Service Manager to dispose of them. Hayward Pool Products (Australia) reserves the right to provide replacement or credit for any items authorised under this warranty program.

All claims must be accompanied by a copy of original purchase receipt, clearly stating date of purchase. All serial numbers must place the product within the warranty period or a proof of purchase is required. No claims in respect of the product can be made after the expiration of the warranty period.

Warranty service requests can be faxed to: Hayward Pool Products (Australia) Pty Ltd. Fax: 1300 POOLS2 (1300 766571)

Or submitted to your local Hayward Pool Products (Australia) Branch Office.

A standard form is available to request warranty service. We will require:

- Installation contact information including address, daytime telephone numbers, home phone number, email etc.
- Complete model and serial number
- Proof of purchase (if the serial number was manufactured > 1 year ago).
- Evidence that purchase and Installation was completed in one transaction, by the one business or organisation.
- Nature of problem including specific faults and error codes

email: sales@hayward-pool.com.au web: www.hayward-pool.com.au

REGISTER YOUR HAYWARD POOL PRODUCTS WARRANTY ONLINE TODAY AT: <a href="https://www.hayward-pool.com.au">www.hayward-pool.com.au</a>

