

# Specification - Pecol Hybrid Hot Water Storage Tank



MODELS	UOM	PAC 7.5	PAC 10	PAC 12.5	PAC 15	PAC 20	PAC 25	PAC 30	PAC 40
Normal Outlet Water Temperature	deg C / F	60 / 140	60 / 140	60 / 140	60 / 140	60 / 140	60 / 140	60 / 140	60 / 140
Tank Capacity	L / Gal	34/7.5	45/10	57/12.5	68/15	91/20	114/25	136/30	182/40
Unit Diameter	cm / in	36/14	36/14	46/18	46/18	46/18	46/18	46/18	51/20
Unit Length (Overall)	cm / in	63/25	79/31	63/25	73/29	88/35	107/42	125/49	160/63
Unit Weight - Empty	kg	16.5	19.5	21.5	23.2	28.4	48.6	55.1	67.6
- Full	kg	50.5	60.5	78.5	91.2	119.4	162.6	191.1	249.6
Installation Position		Vertical or Horizontal							
Tank Construction		Premium Grade Stainless Steel							
Outer Casing		Oven Baked Powder Coated E.G. Sheet							
Insulation		High Density Polyurethana 40 kg / m <sup>3</sup>							
Water inlet / Outlet Connection		½"BSPT	½"BSPT	½"BSPT	½"BSPT	½"BSPT	½"BSPT	¾"BSPT	¾"BSPT
Max Operating Pressure - Water	kpa	700	700	700	700	700	700	700	700
- Refrigerant	Mpa	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Refrigerant Inlet / Outlet Connection		¾"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Standby Electrical Heating Element		3kw / 1 phase / 50Hz							

MODELS	UOM	PAC 50	PAC 60	PAC 75	PAC 100	PAC 150	PAC 200	PAC 300
Normal Outlet Water Temperature	deg C / F	60 / 140	60 / 140	60 / 140	60 / 140	60 / 140	60 / 140	60 / 140
Tank Capacity	L / Gal	227/50	273/60	341/75	455/100	682/150	909/200	1385/300
Unit Diameter	cm / in	51/20	61/24	61/24	74/29	74/29	99/39	99/39
Unit Length (Overall)	cm / in	195/77	160/63	193/76	169/66	244/96	182/72	252/99
Unit Weight - Empty	kg	80.3	93.2	112.5	141.8	188.2	255.2	330.9
- Full	kg	307.3	366.2	453.5	596.8	870.2	1164.2	1695.9
Installation Position		Vertical or Horizontal						
Tank Construction		Premium Grade Stainless Steel						
Outer Casing		Oven Baked Powder Coated E.G. Sheet						
Insulation		High Density Polyurethana 40 kg / m						
Water inlet / Outlet Connection		¾"BSPT	¾"BSPT	¾"BSPT	1"BSPT	1"BSPT	1½"BSPT	2"BSPT
Max Operating Pressure - Water	kpa	700	700	700	700	700	700	700
- Refrigerant	Mpa	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Refrigerant Inlet / Outlet Connection		3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Standby Electrical Heating Element		3kw / 1 phase / 50Hz			9kw / 3 phase / 50Hz			

# Hybrid Hot Water Storage Tank



## PACIFIC ENGINEERING SDN BHD (8073-K)

Authorised Dealer

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- Johor Tel: 012-517 7735 (S.M Liew)

We're Here Today To Help You Save For Tomorrow

# Hybrid Hot Water System

Waste Heat Reclaim Water Heater



- 1 Zero Operating Cost**  
PECOL Aircon water heater generating hot water with zero operating cost.
- 2 Great Savings on Electricity**  
PECOL Aircon Water heater reduces work done by the condenser of the air-conditioner. Thus less wattage of electricity is consumed
- 3 Environmental friendly**  
By recycling the waste energy of the air-conditioner, the PECOL Aircon water heater helps to conserve the environment.
- 4 Safe and Quiet**  
The system does not have flame, exhaust, fume and it does not overheat. It also has no moving part.

- 5 Weather Resistant**  
Built from highly durable material, the product can withstand any weather condition.
- 6 Minimum Resistant**  
No parts replacement, no oiling or lubrication required.
- 7 Pay back period (Return on Investment)**  
Compared to the electric heater, the extra investment spent can be recovered within 12 months.

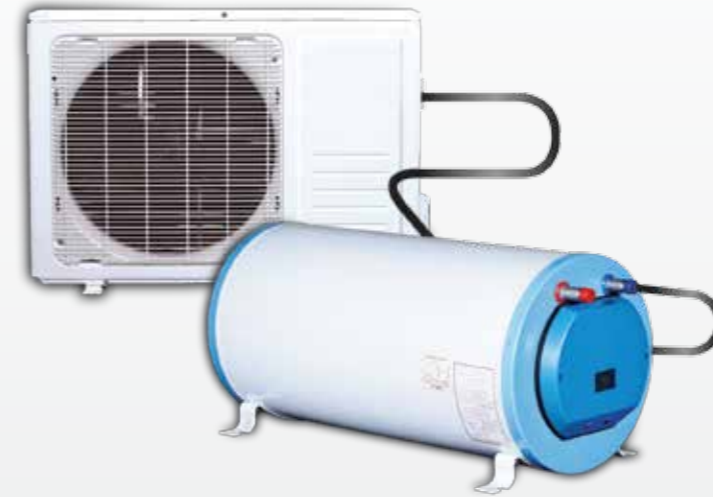
## Leader in Water Heating Technology



- Free hot water, 100 % savings on electric bills.
- Easy Installation.
- Saves space.
- Various choice on size and mounting.
- Minimum maintenance.
- Reliable and efficient.
- Plentiful of hot water.
- Meets international quality and safety standards.
- Reliable in-house before and after service.
- Able to function with all around models.
- Manufacturer warranty.

## Hybrid Hot Water Storage Heater

PECOLS Aircon Water Heating System utilises otherwise wasted heat energy generated by any split unit air-conditioner to provides an alternative source for heating water. The system is ideal for houses, condominiums, apartments, hotels, clubhouses, resorts, factories and even high-rise buildings. It's proven reliable and we are backing it with a 5-years warranty on tanks.



## Working Principle of the Hybrid Hot Water Storage Heater

