



ABSOLUTT[®]

ALL IN ONE HEAT PUMP

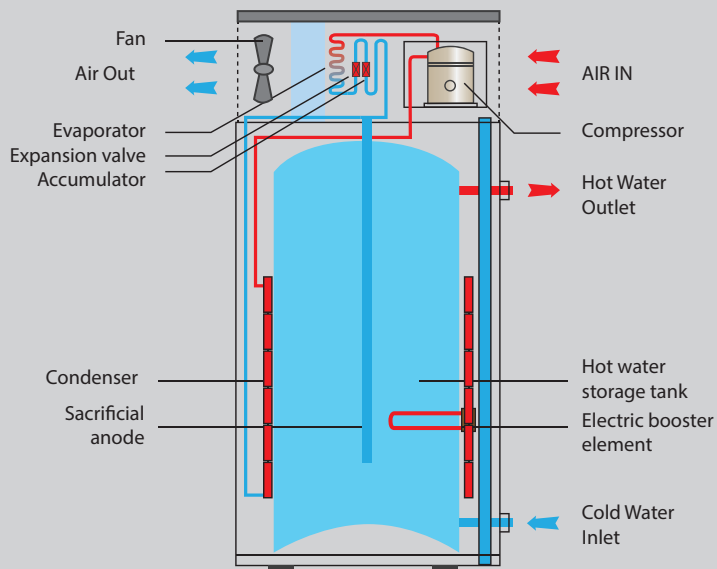


ENERGY FRIENDLY
COMFORT

www.pac.co.th/heatpump



Principle of Operation



PAC Absolutt generates hot water based on the heat pump's principle. Starting with the compressor, the cooling agent (R134a) is pressed into the heat exchanger with a function to exchange the heat energy to the water in a tank. The temperature of hot water can also be set via digital remote control. After that, the cooling agent will be transferred to the cool coil (evaporator) in order to retrieve the heat energy from the air surrounding the machine by a fan. As a result, it will generate the cool wind around the machine as a by-product. In addition, the cooling agent will be sucked back to the compressor and continue the operation as a cycle until hot water acquires a temperature as required. In case of requiring hot water faster, the backup heater can be ordered for an operation.



Built-in Tank



Easy Installation



Durability



Energy Save



PAC Absolutt

PAC Absolutt is the water heater is a type of heat pump equipped with the built-in tank for high-temperature water production which is easy to use, energy-saving and high durability. PAC Absolutt is suitable for hotels and resorts where an individual room requires hot water, as well as industrial factories and businesses that demand a small amount of hot water. It is easy to install and uses less area since the tank is built-in.

Special Properties

1. It is designed to be used for the business demanding stable hot water.
2. Enamel coated tank prevents corrosion from low-quality water with AS/NZS4692.1 Class Y Standard, DIN4753 Standard and AS3498 Drinking Water Tank Standard, as well as sacrifice anode to prevent corrosion for another level.
3. Coil exchanging heat to water is wrapped around the tank without contamination to hot water being used.
4. It is of high efficiency.
5. TP Valve is also equipped which is the protective equipment according to ANSI Z21.22/CSA4.4 Standard.
6. A backup heater is available when a large amount of water is required.
7. It has low noise.
8. It can be operated at a minimum temperature of -7 degrees Celsius.
9. Timer System can be set to avoid the operation at unrequired duration.
10. The installation is simple.
11. R134a agent does not destroy the atmosphere.
12. The maximum temperature of the water is 65 degrees Celsius.
13. Error Prevention System is installed.
14. LED touchpad monitor is equipped.

Properties: PAC Absolutt Wire Remote

- It shows the machine status, and the temperature can be easily set by adjusting the temperature of a water heater without opening the machine's cover.
- The wired remote can be installed away from the machine without approaching it.
- The operational time can be set in advance in order to save the operation when hot water is unrequired, and the LCD display equipped with backlight is visible in low-light environment.



PAC Absolutt

Model		ABSOLUTT SERIES	
		PBT-PB38/270	PBT-PB38/340
Capacity	Liter	270	340
Operating temperature range	°C	-7 to 43	
Max. water temp.	°C	65	
Air flow rate	CFM	900	
Sound level	dB(A)	60	
Compressor		Mitsubishi	
Compressor type		Rotary	
Refrigerant type		R134a	
Refrigerant filling weight	g	1600	1600
Casing material		Coated steel	
Dimension (Height x Diameter)	mm.	1940 x ø 650	2240 x ø 650
Net weight	kg.	135	180
Water connection	inch	1 1/4"	
Condensate pipe (Copper tube)	inch	1/2"	
Drain valve connection		NPT 3/4"	
Operating Ambient air temp.	°C	-10 - 43	
Max. operating pressure water side	Mpa	0.85	
Max. exhaust/inhaling operating pressure	Mpa	2.3	
Refrigerant side		0.38	
P/T Relief Valve		99 C/1 Mpa	
Enclosure Class		IPX4	
Volt/Phase/Hz		220-240 / 1 / 50	
Rated Power input	W	1000	
Maximum power consumption	W	1200	
Nominal heat capacity	W	3800	
Reted current compressor & Fan	A	4.5	
Circuit breaker	A	16	
Rated Power, booster heater	W	2400	
Average hot water yield	L/H	110	

Heating ; Ambient temp.(DB/%RH) : 20°C /60%RH and Water temp.(Initial/Final) : 20°C /60°C
 Above specification just for your reference, Please subject the nameplate on the unit.





- Anantara Layan Phuket Resort ● Grand Mercure Khao Lak Hotel ● Hyatt Regency Phuket Resort
- Outrigger Koh Samui Beach Resort ● Baan Paa Talee Estate Phuket ● Villa Pason Khao Kho
- Anantara Phuket Villas Mai Kao ● Krabi Resort ● Renaissance Resort & Spa Phuket
- Mandarava Resort & Spa Karon Beach



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