AIR SOURCED HEAT PUMP WATER HEATER

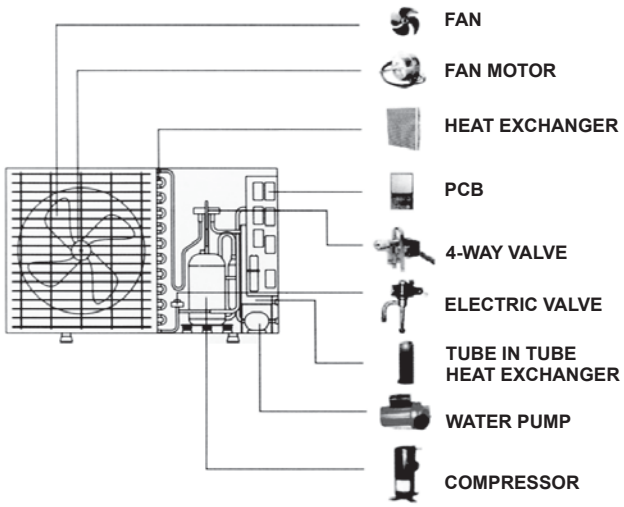
SPLIT TYPE WITH PUMP

Air Sourced Heat Pump Water Heater (R407c)

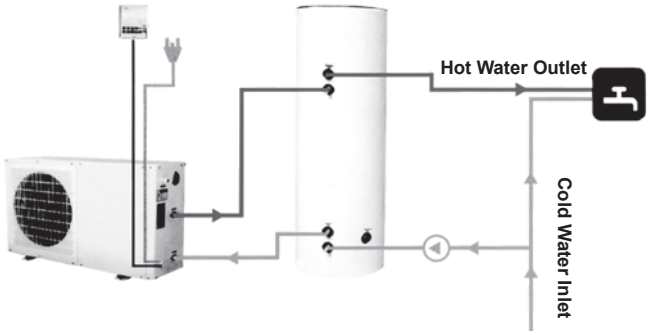
The YASBP series is external-air to water heat pumps recovers heat contained in the ambient air and transfers it to the water via a refrigeration compression cycle. Only a fraction of the total thermal energy output of the heat pump is consumed as electrical energy. Heat pumps therefore provide an energy efficient alternative to conventional heating plants. The running cost can be as little as 25% of an electric water heaters.

A dynamic-heating split-inner cycle type, design with water pump installed inside. The heat pump and the water tank are separated and connected with pipes and wires.
The good advantage is the heat pump can be put outside to reduce the noise indoor.

System



Installation Diagram



Specification

Model		YASBP-25HL	YASBP-38HL	YASBP-56HL	YASBP-78HL	YASBP-95HL
Heating Capacity at 20°C Ambient temp.	W	3500	5000	6500	9000	12500
COP at 20°C Ambient temp.*(see note)		4.8	5	5.1	4.8	4.9
Heating Capacity	W	2800	3800	5600	7800	9500
Power Supply	V/PH/HZ	220V/1/50HZ				
Input Power	W	890	1250	1800	2500	3100
Running Current	A	4.1	6.3	9.1	12.5	15.6
Hot Water Generated	L/h	107	160	240	335	408
Thermostat Factory Setting	°C	55				
Maximum water outlet temp.	°C	55				
Water Connections	inch	3/4”				1”
Water Flow Volume	M3/h	0.5	0.65	0.98	1.35	1.7
Refrigerant tpye / Compressor		R407c / Rotary				
Outer shell material	each	Galvanized steel with painting				
Compressor Quantity	each	1	1	1	1	1
Pump Quantity	each	1	1	1	1	1
Noise	dB(A)	51	52	53	54	58
Net Dimension （L*W*H)	mm	936*360*540	936*360*540	936*360*540	1010*370*615	1110*470*680
Packing Size(L*W*H)	mm	1060*380*600	1060*380*600	1060*380*600	1140*400*670	1165*485*780
Net / Gross Weight	kg	35/40	51/56	58/63	65/70	75/80

Note : Test conditions: Ambient temp. (DB/WB) 7°C/6°C, Water temp. (inlet/outlet) 30°C/35°C

*last updated 03/16