



A NEW WORLD OF GREEN HEATING SYSTEMS

European-standard  
Heat Pumps.



## Side Air Outlet Type



Model No.	YT-120TC1	YT-150TC1
Heating Capacity (kW)	2.5	2.5
Power Input (kW)	0.6	0.6
COP	4.16	4.16
Max Power Input (kW)	3	3
Rated Current (A)	2.7	2.7
Max Current (A)	15	15
Power Supply	220V/1/50Hz	220V/1/50Hz
Backup Electric Heater (W)	2000	2000
Refrigerant	R134a	R134a
Net Dimension(mm)	500×500×1550	500×500×1670
Package Dimension(mm)	640×640×1720	640×640×1840
Net Weight(Kg)	89	92
Noise (dB)	48	48
Water tank volume(L)	120	150
Working temperature range (°C)	-7~43	-7~43

Testing condition: Heating Capacity at Air 20°C/15°C, Water Temperature from 15°C to 55°C

The data above is for reference only. For more specific data, refer to the nameplate on the unit.

## Water-circulation domestic heat pump water heater — YOGISUN™



### Split Design

Split design allows you to install the outdoor unit outside, which is much quieter. The installation can be more flexible.



### Defrost Automatically

Intelligent defrosting technology is able to solve the frosting problem in heat exchanger greatly in low ambient temperature.



### 60°C hot water

The maximum outlet water temperature of the units can be up to 60°C, which means the units are able to meet water requirement in a large amount.



### Enamel Tank

The enamel is brushed inside the water tank which is of high resistance and of great pressure bearing.

All in one domestic heat pump water heater



**Integral Design**  
compact structure and space saving.



**Energy-Efficient**  
saving electricity 75%.



**Defrost Automatically**  
safe use in winter.



**Internet of Things**  
remote control and leading intelligent service.



**75°C hot water**  
high temperature hot water meets more customer demands.



**Enamel Tank**  
resistant to rust and no furring.



## Specifications

### Top Air Outlet Type



Model	IU	YT-200TB1	YT-250TB1	YT-300TB1
Hot Water Capacity	kw	2.5	2.5	2.5
Power Input	kw	0.6	0.6	0.6
COP		4.16	4.16	4.16
Max Power Input	kw	3	3	3
Rated Current	A	2.7	2.7	2.7
Max Current	A	15	15	15
Power Supply		220V/50Hz		
Electric Heater	w	2000	2000	2000
Refrigerant		R134a	R134a	R134a
Net Dimension	mm	φ620/1638	φ620/1868	φ620/2038
Package Dimension	mm	700/700/1830	700/700/2060	700/700/2230
Net Weight	kg	88	95	102
Gross Weight	kg	106	113	120
Noise	dB	48	48	48
Water Tank Volume	L	200	250	300
Temperature Range	°C	-7~43	-7~43	-7~43

Testing condition: ambient temperature 20°C/15°C, water circulation from 55°C.

The data above is for reference only. For more specific data, refer to the nameplate on the unit.

## Specifications








Model No.	RS-004TA1	RS-006TA1	RS-008TA1	RS-010TA1	RS-012TA1	RS-018TA1
Power Supply	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	380V/50Hz
Heating Capacity (kW)	3.6	5.4	7.6	10.8	13.2	18.8
Power Input (kW)	0.86	1.26	1.81	2.54	3.17	4.56
COP	4.18	4.29	4.20	4.25	4.16	4.12
Max Power Input (kW)	1.45	2.01	2.75	3.02	4.51	6.02
Max Current(A)	6.5	9.0	12.0	15.2	23.0	11.0
Rated Hot Water(L/h)	80	120	165	230	285	400
Refrigerant	R410a	R410a	R410a	R410a	R410a	R410a
Water Pump inside	Yes	Yes	Yes	Yes	Yes	NO
Water Pressure Drop (kPa)	35	35	40	45	45	45
Net Dimensions(L*W*H) (mm)	936×385×550		1011×420×614	986×420×798		1000×375×1320
Package Dimensions(L*W*H)	1030×445×592		1105×480×857	1158×560×1017		1070×445×1440
Working temperature range (°C)	-15~43	-15~43	-15~43	-15~43	-15~43	-15~43
Noise (dB)	47	49	52	53	53	54
Net Weight (kg)	50	54	68	74	85	149
Water connection(mm)	20	20	20	20	20	25

Testing condition: ambient temperature 20°C/15°C, water circulation from 55°C.

The data above is for reference only. For more specific data, refer to the nameplate on the unit.

## Water-circulation commercial heat pump water heater – YOGISUN™

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**Low Operating Cost**  
 The operating cost is very low compared with conventional heat source
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**Environmental Friendly**  
 Adopting R410a refrigerant of lower GWP, which is very environmental-friendly compared with coal.
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**EVI**  
 The unit can work stably for high temperature hot water application.
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**60°C hot water**  
 With stable high temperature hot water supply, the unit can be widely used in different industrial applications.
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**Multiple-Protections**  
 The multiple protective design ensure the unit's long service life and stable operation.

# COMMERCIAL HEAT PUMP



Model No.	YC-025TA1	YC-050TA1	YC-075TA1	YC-120TA1	YC-220TA1
Power Supply	380V/3/50Hz	380V/3/50Hz	380V/3/50Hz	380V/3/50Hz	380V/3/50Hz
Heating Capacity (kW) <sup>①</sup>	25	50	75	120	220
Power Input (kW) <sup>①</sup>	4.2	8.4	12.8	20.1	37.6
COP <sup>①</sup>	5.91	5.95	5.86	5.98	5.85
Heating Capacity (kW) <sup>②</sup>	20	42	65	100	185
Power Input (kW) <sup>②</sup>	4.1	8.6	13.5	20.4	38.6
COP <sup>②</sup>	4.86	4.88	4.81	4.89	4.79
Cooling Capacity (kW) <sup>③</sup>	18	36	56	85	160
Power Input (kW) <sup>③</sup>	5.3	10.5	16.6	24.6	47.6
EER <sup>③</sup>	3.39	3.42	3.38	3.45	3.36
Max Power Input (kW)	6.9	13.2	20.1	29.1	67.2
Max Current(A)	12.3	23.5	35.9	52.2	121.1
Refrigerant	R410a	R410a	R410a	R410a	R410a
Compressor Type	Scroll	Scroll	Scroll	Scroll	Scroll
Heat Exchanger	Titanium	Titanium	Titanium	Titanium	Titanium
Expansion Valve	Electronic	Electronic	Electronic	Electronic	Electronic
Air Flow Direction	Vertical	Vertical	Vertical	Vertical	Vertical
Water Flow Volume (m <sup>3</sup> /h)	10	20	30	50	85
Net Dimensions(L*W*H) (mm)	765×691×1055	1416×752×1055	1590×850×1500	2150×1078×2258	2150×1078×2258
Working temperature range (°C)	-15~43	-15~43	-15~43	-15~43	-15~43
Noise (dB)	≤60	≤65	≤68	≤70	≤75
Net Weight (kg)	120	250	460	760	1200
Water connection(mm)	50	63	63	75	110

① Heating Capacity at Air 27°C/24°C, Water 27°C in, 29°C out  
 ② Heating Capacity at Air 15°C/12°C, Water 26°C in, 28°C out  
 ③ Cooling Capacity at Air 35°C/24°C, Water 29°C in, 27°C out



Wall mounted heat pump is a very smart design to provide domestic hot water for the house. It is very easy for installation and convenient for users.



- Features:**
- Horizontal / Vertical optional
  - Maximum outlet water temperature up to 75°C
  - Multiple running mode
  - Silent running, low to 38dB(A)



## Technical Data

Photos	Wall Mounted-Vertical		Wall Mounted-Horizontal	
	YT-060GV	YT-080GV	YT-060GH	YT-080GH
Installation	220~ 240V/1/50Hz		220~ 240V/1/50Hz	
Model No.	YT-060GV	YT-080GV	YT-060GH	YT-080GH
Power Supply	220~ 240V/1/50Hz		220~ 240V/1/50Hz	
Heating Capacity at Air 20°C /15°C, Water Temperature from 15°C to 55°C	600		600	
Water Tank Volume (L)	60	80	60	80
Heating Capacity (W)	169	169	169	169
Power Input (W)	169	169	169	169
Rate Current (A)	9.3	9.3	9.3	9.3
COP	3.55	3.55	3.55	3.55
Hot Water Production (L/h)	12	12	12	12
Refrigerant	R134a		R134a	
Electric Heating Element (kw)	2		2	
Max Power Input (kw)	2.5		2.5	
Max Current (A)	11.4		11.4	
Max Water Tank Pressure	0.8MPa		0.8MPa	
IP Class	IPX4		IPX4	
Max refrigerant running pressure			3.0MPa	
Working temperature range (°C)	-7~43		-7~43	
Net Dimension (mm)	Φ470*977	Φ470*1142	Φ470*890	Φ470*1040
Package Dimension (mm)	565*585*1010	565*585*1180	565*570*960	565*570*1100
Net Weight (kg)	39	42	39	42
Gross Weight (kg)	43	46	43	46
Noise (dB(A))	38		38	
Air Duct	Non-ducted		Non-ducted	



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