

Multiple Application

Tri-thermal is an integrated system that provides space heating and cooling as well as domestic hot water, offering a complete all-year-round solution to users.



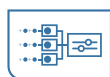
Heating



Cooling



Hot water

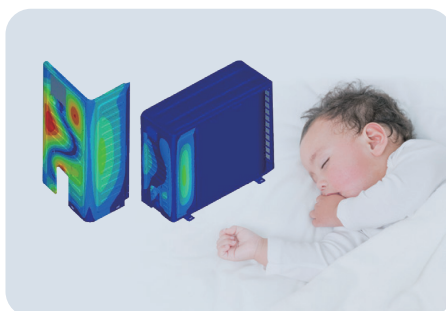
Intelligent
ControlCascade
Control3-Zone
Control

Low Noise

Disinfect
ModeEnergy
SavingHigh
Efficiency

Highly Efficient and Energy Saving

- GMCC inverter compressor is applied
- Highly efficient L-type heat exchanger
- Stepless inverter fan motor Plate heat exchanger
- Multiple certifications
- Environmentally friendly refrigerant



Safe & Comfort

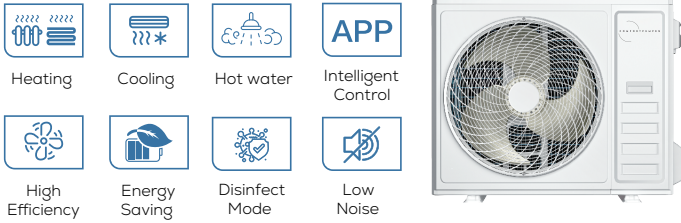
- Anti-bacteria mode
- Low level of noise
- Provide DHW in time
- 3-zone control



Smart Control

- Liquid crystal display wired controller with multiple settings such as multiple language, schedule, etc.
- APP controller is also available to control the unit via Wi-Fi

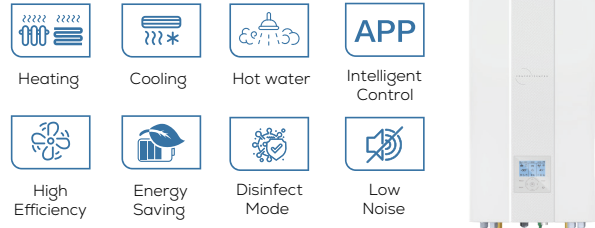
Split product parameters



Hydrobox splitmodell			
Specifikationer			
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Model name		HWCP-10KWY23/R32	
Power supply		V/Ph/Hz	220-240/1/50
Heating A7W35	Capacity	kW	9.50
	Rated input	kW	1.98
	COP		4.80
Heating A7W45	Capacity	kW	9.50
	Rated input	kW	2.60
	COP		3.65
Heating A7W55	Capacity	kW	9.00
	Rated input	kW	3.00
	COP		3.00
Cooling A35W18	Capacity	kW	9.50
	Rated input	kW	2.07
	EER		4.60
Cooling A35W7	Capacity	kW	8.00
	Rated input	kW	2.53
	EER		3.16
SCOP	LWT at 35°C		5.05
	LWT at 55°C		3.51
Seasonal space heating energy efficiency class	LWT at 35°C		A+++
	LWT at 55°C		A++
Compressor	Type	Twin rotary DC inverter	
Outdoor fan	Motor type	Brushless DC motor	
	Number of fans	1	
Throttle type		Electronic expansion valve	
Air side heat exchanger	Type	Finned tube	
Refrigerant	Type	R32	
	Factory charge	kg	1.65
Sound power level		dB	61
Sound pressure level		dB	50
Net dimensions (W×H×D)		mm	1010×860×494
Packed dimensions (W×H×D)		mm	1135×970×530
Net/Gross weight		kg	62.0/75.0
Piping connections	Type		Flare
	Liquid Dia.	mm	Φ9.52
	Gas Dia.	mm	Φ15.9
	Min. pipe length	m	2
	Max. pipe length	m	30
Installation height	Outdoor unit above	m	20
	Outdoor unit below	m	20
Operating range	Cooling	°C	-5~43
	Heating	°C	-25~35
	DHW	°C	-25~43

Note:

1. Relevant EU standards and legislation: EN14511; EN14825; EN50564; EN12102; (EU) No 811:2013; (EU) No 813:2013; OJ 2014/C 207/02:2014.
2. Seasonal space heating energy efficiency class tested in average climate conditions.
3. Test standard: EN12102-1
4. Sound pressure level is the maximum value tested under the two conditions of A7W35 and A35W18.



Hydrobox splitmodell				
Specifikationer				
1.2 Hydrobox innerdel				
Model name			HWCP-10KWY23	
Function			Heating and cooling	
	Cooling	℃	5 to 20	
Water outler	Heating	℃	25 to 65	
	DHW	℃	20 to 60	
Power supply		V/Ph/Hz	220-240/1/50	
Electric heater power input		kW	3	
Sound power level		dB	42	
Sound pressure level(1m)		dB	30	
Net dimensions (W×H×D)		mm	420×790×270	
Packed dimensions (W×H×D)		mm	530'1035'355	
Net/gross weight		kg	41.0/47.0	
Water circuit	Piping connections		inch	R1"
	Sa fety valve set pressure		Mpa	0.3
	Drainage pipe connection		mm	DN25
	Expansion tank	Volume	L	8
		Max water pressure	MPa	0.3
		Pre-pressure	Mpa	0.1
	Heat exchanger		Type	Plate type
	water pump head		m	9
Refrigerant circuit	Liquid Dia.	mm	Φ6.35	
	Gas Dia.	mm	Φ15.9	
	Excessive operating refrigerant pressure	MPa	4.3	
Operating temperature range	Ambient temperature	℃	+5~+35	
	Water pressure	MPa	0.1-0.3	

Note:

1. Test standard: EN12102-1
2. Sound pressure level is the maximum value tested under the two conditions of Note3 and Note4 for different combination between outdoor unit and hydronic box.
3. Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C.
4. Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C.