



Outdoor Unit			TATP-10HMDA1
Power supply		V/Ph/Hz	220~240/1/50
Performance data			
Rated Heating *1	Capacity	kW	10,00
	Power input	kW	2,00
	COP	kW/kW	5,00
Rated Cooling *2	Capacity	kW	8,30
	Power input	kW	2,52
	EER	kW/kW	3,30
Heating *3	Capacity	kW	10,00
	Power input	kW	3,23
	COP	kW/kW	3,10
Cooling *4	Capacity	kW	10,00
	Power input	kW	2,08
	EER	kW/kW	4,80
Seasonal space heating energy eff. Class (average climate general)	water outlet @ 35°C		A+++
	water outlet @ 55°C		A++
Max. power input		kW	4,47
Max. current input		A	19
Sound power level		dB(A)	61
Physical data			
Dimension (W×H×D)		mm	805×395×970
Packing (W×H×D)		mm	895×495×1105
Net/gross weight		kg	61.5/66.0
Compressor	Brand		GMCC
	Type		Rotary DC Inverter
	Model		EKTM225D63UKER
	Poles		6
	Speed	rps	12~120
	Oil		VG75R/620mL
Outdoor fan	Number of fans		1
	Air flow	m³/h	4000

- The rated heating conditions: water flow 0.172m³/(h·kW), ambient temperature 7°C DB, water inlet/outlet temperature 30/35°C.
- The rated cooling conditions: water flow 0.172m³/(h·kW), ambient temperature 35°C DB, water inlet/outlet temperature 12/7°C.
- Heating condition: water flow 0.172m³/(h·kW), ambient temperature 7°C, water inlet/outlet temperature 40/45°C.
- Cooling condition: water flow 0.172m³/(h·kW), ambient temperature 35°C, water inlet/outlet temperature 23/18°C.

Hydronic Modul			TATP-10HMDA1	
Power supply		V/Ph/Hz	220~240/1/50	
Leaving water temperature	Space heating	°C	25~65	
	Space cooling	°C	5~25	
	Domestic hot water	°C	40~60	
Max. power input		kW	3,09	
Max. current input		A	14	
Sound power level		dB(A)	43	
Dimension (W×H×D)		mm	420×270×790	
Packing (W×H×D)		mm	515×1045×350	
Net/gross weight		kg	38/43	
Water circuit	Piping connection Dia.	Outlet	mm	DN25
		Inlet	mm	DN25
	Safety valve		kPa	300
	Drainage pipe Dia.		mm	DN25
	Expansion tank	Volume	L	8
		Max. water pressure	kPa	800
		Pre pressure	kPa	150
	Water side heat exchanger	Type		Plate type
		Volume	L	1,18
	Water pump	Brand		shimge
Model			APM25-9-130	
Pump head		m	9	
Refrigerant circuit		Liquid side Dia.	mm	∅ 9.52
		Gas side Dia.	mm	∅ 15.88
Back-up E-heater	Power supply		V/Ph/Hz	230V/1Ph/50Hz
	Capacity		kW	3kW
	Max. power input		kW	3kW
	Max. current input		A	/
Piping connections				
Liquid pipe	Type		Flaring	
	Dia.(OD)	mm	∅ 9.52	
Gas pipe	Type		Flaring	
	Dia.(OD)	mm	∅ 15.88	
Max. piping length		m	30	
Max. height difference	Outdoor unit upside	m	20	
	Outdoor unit downside	m	20	
Refrigerant	Type		R32	
	Quantity	kg	1,45	
	Throttle type		EXV	
	Additional charge	g	Total pipe length - 15m *38g/m	
Ambient temperature range	Cooling	°C	-5~52°C	
	Heating	°C	-25~35°C	
	Sanitary hot water	°C	-25~43°C	
Water temperature range	Cooling	°C	5~25°C	
	Heating	°C	25~65°C	
	Sanitary hot water	°C	40~60°C	