

SPLIT EVI INVERTER HEAT PUMP

HEATING

COOLING

HOT WATER

ONE UNIT INCLUDED ALL



TAE-05BPS/TAE-06BPS/TAE-08BPS/TAE-10BPS

Product features

- * DC inverter technology with GMCC compressor.
- * 5 working modes as cooling&hot water, heating &hot water, cooling, heating, hot water modes.
- * Wifi controller, remote control heat pump on&off by phone..
- * Minus 25 degrees working EVI technology.
- * Reverse design with four way valve built in.
- * Timer on&off the unit can be set manually.
- * Split design avoid the winter low temperature under 0 the unit getting freeze up.
- * The unit has all necessary protections as phase protection, water flow protection, high pressure protection, low pressure protection, overcurrent protection...
- * Generally tested before delivery, quality assured.



cooling function



option soft starter



split design



option stainless steel casing



option water flow switch



option Modbus RS485



option water pump



wifi mobile

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Split EVI Inverter Air Water Heat Pump (cooling&heating&hot water)

Model		TAE-05BPS	TAE-06BPS	TAE-08BPS	TAE-10BPS	
Cooling	Cooling capacity	KW	13.5	15.9	19.5	26.2
		BTU	46062	54251	66534	89394
	Input power	KW	4.4	5.2	6.5	8.75
Heating(1)	Heating capacity	KW	15.2	18.2	22.9	32.6
		BTU	51862	62098	78135	111231
	Input power	KW	4.35	5.1	6.7	9.5
Heating(2)	Heating capacity	KW	9.8	11.5	15.4	20.5
		BTU	33438	39238	52545	69946
	Input power	KW	4.15	4.85	6.5	8.85
	Cooling running current	A	12.2	14.5	20.5	26
	Heating running current	A	12.8	15	20.8	27
	Max running current	A	16	18	24	32
	Power source	V/Ph/Hz	380V/3N/50HZ			
	Noise level	dB(A)	<58	<59	<64	<64
Outdoor unit	Up fan W x D x H	mm	/	/	/	/
	Side fan W x D x H	mm	1030*480*1340	1030*480*1340	1350*480*1350	1350*480*1350
	Unit weight	kg	155	165	190	210
Indoor unit	W x D x H	mm	500*260*700	500*260*700	500*260*700	500*260*700
	Unit weight	kg	28	32	35	40
	Water temp control precise	°C	±1°C			
	Working temp range	°C	-25°C-43°C			
	Throttle type		Electric expansion valve			
Refrigerant	Type		R410A			
	Charge qty	kg	3.5	3.8	3.95	4.2
	Max working pressure	Bar	38	38	38	38
Compressor	Type		Inverter Rotary Compressor (GMCC)			
	Qty	pcs	1	1	1	1
Air source side	Heat exchanger type		Finned tube heat exchanger			
	Qty	pcs	1	1	1	1
	Motor power	KW	0.06*2	0.06*2	0.12*2	0.12*2
Hot water side	Heat exchanger type		Tube in tube heat exchanger			
	Water flow	m ³ /H	3.2	3.6	4.2	4.8
	Water pressure loss	kPa	25	25	30	32
	Pipe size	DN	25	25	25	32
	Max working pressure	kPa	1000	1000	1000	1000

Test conditions:

1.Cooling: Air source side DB/WB is 35 °C/-, inlet water temp 12 °C, outlet water temp 7 °C.

2.Heating(1): Air source side DB/WB is 7 °C/6 °C, inlet water temp 40 °C, outlet water temp 45 °C.

3.Heating(2): Air source side DB/WB is -12 °C/-14 °C, inlet water temp 40 °C, outlet water temp 45 °C.