



LIBERTE DE GESTION

Solar and air source heat pumps



The collector area and regenerative volumes for the solar heat pump is much smaller than conventional systems, and making systems more compact in structure, more flexible in arrangement.

Setting the outlet water temperature flexibly within 30-60, meeting extremely individual need

Energy saving, high efficient, providing free hot water when sunny, when lack of sun, heat pump unit work 24 hours a day; when Solar radiations in good circumstances, the evaporator temperature of the solar & heat pump tend to be higher than air source heat pump (heat pump unit would be turn off), which has a higher efficiency (COP can reach 4.5 and above), and teh performance is less affected by the outdoor temperature.

Intelligent control, wide range of working temperature: applied to -7~43 environmental condtions, because of solar power is everywhere, inexhaustible, the solar & heat pump has wide range of applications, free from the local water conditions and geological conditions, and friendly to the environment.

All weather: ragardless of the sunny, cloudy, rainy, evening, provide endless hot water .

Models	Mahrw	010BA-100	010BA-150	010BA-200	010BA-250	010BA-300	015BA-200	015BA-250	015BA-300
Water tank volume	L	100	150	200	250	300	200	250	300
Hot water produced volume	L/H	75	75	75	75	75	113	113	113
Thermostat factory setting	°C	55	55	55	55	55	55	55	55
Thermostat maximum setting	°C	60	60	60	60	60	60	60	60
Rated heating capacity	W	3000	3000	3000	3000	3000	4500	4500	4500
	BTU	10230	10230	10230	10230	10230	15345	15345	15345
Power supply	V/PH/Hz	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50
Rated input power	W	950	950	950	950	950	1250	1250	1250
Heating input power	W	1500	1500	1500	1500	1500	1500	1500	1500
Maximum input power	W	2735	2735	2735	2735	2735	3125	3125	3125
Running current	A	4,32	4,32	4,32	4,32	4,32	5,68	5,68	5,68
Working ambient temperature	°C	-7° ~ 43°	-7° ~ 43°	-7° ~ 43°	-7° ~ 43°	-7° ~ 43°	-7° ~ 43°	-7° ~ 43°	-7° ~ 43°
Noise	dB	43	43	43	43	43	45	45	45
Hot water outlet	inch	G3/4	G3/4	G3/4	G3/4	G3/4	G3/4	G3/4	G3/4
Cooling water inlet	inch	G3/4	G3/4	G3/4	G3/4	G3/4	G3/4	G3/4	G3/4
Tank rated water pressure	Mpa	0,2-0,6	0,2-0,6	0,2-0,6	0,2-0,6	0,2-0,6	0,2-0,6	0,2-0,6	0,2-0,6
Net Dimensions	mm	570x1450	570x1600	570x1700	700x1684	700x1864	570x1700	700x1684	700x1864
Shipping dimensions	mm	630x630x1620	630x630x1720	630x630x1820	780x780x1824	780x780x2004	630x630x1820	780x780x1824	780x780x2004
Net weight	Kg	54	58	72	79	86	74	83	88

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