



MIKO ENERGY



HEAT PUMP

Mono Block Heat Pump

**Heating / Cooling / DHW
DC Inverter / Residential**



TECHNICAL SPECS

MODEL		BLN-006TC1	BLN-008TC1	BLN-008TC3	BLN-012TC1	BLN-012TC3	BLN-018TC1	BLN-018TC3	
Power supply	V/Ph/Hz	220~240/1/50	220~240/1/50	380~415/3/50	220~240/1/50	380~415/3/50	220~240/1/50	380~415/3/50	
Nominal Heating (Max) (A7/6°C,W30/35°C)	Heating capacity	kW	2.92 ~ 9.10	4.10 -12.10	4.10 -12.10	4.30 ~ 15.20	4.30 ~ 15.20	7.24 ~ 21.90	7.24 ~ 21.90
	Power input	kW	0.61 ~ 2.11	0.79 -2.85	0.79 -2.85	0.87 ~ 3.73	0.87 ~ 3.73	1.50 ~ 5.88	1.50 ~ 5.88
	Current input	A	2.80 ~ 9.25	3.45-13.04	1.62-4.57	4.02 ~ 16.38	1.78 ~ 6.04	6.86 ~ 30.25	2.82 ~ 9.16
Nominal Heating (Max) (A7/6°C,W47/55°C)	COP	W/W	4.31 ~ 5.66	4.24 - 5.57	4.24 - 5.57	4.07 ~ 5.57	4.07 ~ 5.57	3.82 ~ 5.59	3.82 ~ 5.59
	Heating capacity	kW	2.99~8.16	4.05-12.15	4.05-12.15	4.25 ~ 14.55	4.25 ~ 14.55	6.36 ~ 19.45	6.36 ~ 19.45
	Power input	kW	1.03~2.92	1.38-4.06	1.38-4.06	1.45 ~ 4.28	1.45 ~ 4.28	2.15 ~ 6.85	2.15 ~ 6.85
Nominal Cooling (Max) (A35/24°C,W12/7°C)	Current input	A	4.57~12.79	5.73-17.70	2.70-6.43	6.71 ~ 18.80	2.84 ~ 6.78	9.84 ~ 30.12	3.71 ~ 10.60
	COP	W/W	2.79 ~ 3.46	2.99 - 3.45	2.99- 3.45	2.83 ~ 3.45	2.83 ~ 3.45	2.84 ~ 3.57	2.84 ~ 3.57
	Cooling capacity	kW	1.38~5.70	3.65-8.59	3.65-8.59	3.65 ~ 11.04	3.65 ~ 11.04	4.55 ~ 17.20	4.55 ~ 17.20
ERP level (outlet water temp. at 35°C)	Power input	kW	0.67~2.44	1.12-3.31	1.12-3.31	1.12~3.97	1.12 ~ 3.97	1.85 ~ 7.31	1.85 ~ 7.31
	Current input	A	3.06~10.27	5.18-14.47	1.97-5.25	5.18~17.44	1.97 ~ 6.30	8.47 ~ 32.1	2.99 ~ 11.26
Max. input power	kW	3.5	5.40	5.85	5.40	5.85	7.5	10.5	
Max. input current	A	15.0	25.0	10.0	25.0	10.0	35.0	17.0	
Refrigerant Type / Charge / GWP	... / kg	R290 / 0.55 / 3	R290 / 1.05 / 3	R290 / 1.05 / 3	R290 / 1.05 / 3	R290 / 1.05 / 3	R290 / 1.4 / 3	R290 / 1.4 / 3	
Rated water flow	m³/h	1.00	1.4	1.4	2.06	2.06	3.1	3.1	
Fan quantity	/	1	1	1	1	1	2	2	
Fan motor type	/	DC inverter							
Compressor	/	DC inverter							
Circulating pump	/	Inverter type / Built-in							
IP class	/	IPX4							
Sound pressure at 1m distance	dB(A)	46	43	43	53	54	56	56	
Max outlet water temperature	°C	75	75	75	75	75	75	75	
Water piping connections	/	G1	G1	G1	G1	G1	G1 _ 1 / 4	G1 _ 1 / 4	
Water Pressure drop	kPa	20	20	20	20	20	55	55	
Operating temperature range (heating mode)°C		-25~45							
Operating temperature range (cooling mode)°C		16~45							
Unpacked dimensions (L*D*H)	mm	1187*418*805	1287*448*904	1287*448*904	1287*448*904	1287*448*904	1187*488*1456	1187*488*1456	
Packed dimensions (L*D*H)	mm	1217*463*920	1317*493*1020	1317*493*1020	1317*493*1020	1317*493*1020	1217*538*1570	1217*538*1570	
UnPacked weight	kg	110	134	134	134	134	195	195	
Packed weight	kg	122	146	146	146	146	208	208	

* Please refer to the nameplate for product upgrades or changes in specifications without prior notice.

- R290 REFRIGERANT,OW GWP(GWP=3)
- ENERGY CLASS: A+++
- STABLE OPERATION AT -25°C
- OUTLET WATER TEMPERATURE UP TO 75°C
- POWER DETECTION FUNCTION
- SG-READY FUNCTION
- 5-INCH TFT TRUE COLOR SCREEN
- 5G/2.4G COMPATIBLE WIFI MODULE
- DUAL TEMPERATURE ZONE
- RESERVED RS485 COMMUNICATION PORT
- LINKAGE CONTROL WITH PV FUNCTION

