

sunrain Air Source Heat Pump R290 Heating/Cooling/DHW



Model		BLN-006TB1	BLN-010TB1	BLN-014TB1	BLN-018TB1	BLN-014TB3	BLN-018TB3	BLN-024TB3	
Certificates		CE/KEYMARK/ ROHS/ERP/SGS READY							
Warranty		2 years for the whole unit, 5 years for compressor and free spare parts provided (massive order only)							
Delivery Time		35 days after receipt of advance payment							
Payment Terms		30% advance T/T, 70% balance against B/L copy(For CFR) or 70% balance before ex Auckland							
Power Supply	/	220-240V~/50 (60) Hz				380-415V/3N~/50 (60) Hz			
Heating ¹	Capacity	KW	2.50-8.30	4.20-12.20	5.30-16.50	6.20-19.80	5.30-16.60	6.20-19.80	6.80-25.90
	Input Power	KW	0.57-1.92	0.86-2.88	1.15-4.15	1.36-5.28	1.15-4.15	1.36-5.28	1.78-4.15
Heating ²	Capacity	KW	2.30-7.62	3.85-11.20	4.90-15.10	6.30-19.90	4.90-15.10	6.30-19.90	6.90-26.10
	Input Power	KW	0.75-2.61	1.13-3.75	1.65-5.25	1.65-6.82	1.65-5.25	1.65-6.82	1.95-8.55
Cooling	Capacity	KW	1.80-7.10	2.60-10.30	4.50-13.50	5.50-17.50	4.50-13.50	5.50-17.50	5.20-20.30
	Input Power	KW	0.61-2.43	0.91-3.65	1.45-4.85	1.65-6.25	1.45-4.85	1.65-6.25	1.95-8.20
SCOP (Water Temp. At 35 °C)			5.14	4.55	4.58	4.61	4.62	4.64	4.58
SCOP (Water Temp. At 55 °C)			3.37	3.41	3.39	3.41	3.44	3.42	3.42
Rated Input Power	KW		2.71	3.83	6.2	7.5	6.2	7.5	10
Rated Input Current	A		12	17	27.5	35	10.5	13	17
CO ₂ Equivalent	/		0.84t	1.21t	1.89t	2.36t	1.89t	2.36t	2.36t
Maximum Allowable Pressure	MPa		4.4	4.4	4.4	4.4	4.4	4.4	4.4
IP Class	/		IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Max. Outlet Water Temp.	°C		60	60	60	60	60	60	60
Operating Ambient Temperature	°C		-25 ~ 45	-25 ~ 45	-25 ~ 45	-25 ~ 45	-25 ~ 45	-25 ~ 45	-25 ~ 45
Water Piping Connections	mm		G1	G1	G1-1/4	G1-1/2	G1-1/4	G1-1/2	G1-1/2
Rated Water Flow	m ³ /h		1.1	1.75	2.52	3.2	2.52	3.2	4.12
Water Pressure Drop	kPa		25	27	30	32	30	32	35
Noise Level	dB(A)		50	51	55	56	55	56	58
Net Dimensions (L×W×H)	mm		1100×445×850	1100×445×850	1110×480×850	1110×445×1450	1110×480×850	1110×445×1450	1110×445×1450
Net Weight	kg		102	107	124	151	124	151	160

