

► Heating, Cooling and DHW Heat Pump-R32

► Features & Advantages



Stable running at -25°C

Panasonic EVI direct current inverter compressor good running at ultra-low temperature environment



R32

A new generation non-toxic refrigerants with energy-saving, carbon reducing and environment-friendly. No harm to ozone layer, slow down global warming.



Convenient IOT

Free Wi-Fi, intelligent control any time, anywhere.



Quiet

Ultra low noise, enjoy the comfortable environment



► Technical Specifications



Model		BLN-006TB1	BLN-010TB1	BLN-014TB1	BLN-018TB1	BLN-010TB3	BLN-014TB3	BLN-018TB3	BLN-024TB3	
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	4.20-12.20	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	0.86-2.88	1.15-4.15	1.36-5.28	1.78-4.15
	Input Current	A	2.53-8.52	3.82-12.77	5.10-18.41	6.10-23.67	1.46-4.89	1.86-6.70	2.31-8.96	2.87-6.70
Heating ²	Capacity	KW	2.30-7.62	3.85-11.20	4.90-15.10	6.30-19.90	3.85-11.20	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	1.13-3.75	1.65-5.25	1.65-6.82	1.95-8.55
	Input Current	A	3.32-11.58	5.01-16.6	7.32-23.30	7.40-30.56	1.92-6.37	1.67-8.47	2.80-11.58	3.15-13.80
Cooling	Capacity	KW	1.80-7.10	2.60-10.30	4.50-13.50	5.50-17.50	2.60-10.30	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	0.91-3.65	1.45-4.85	1.65-6.25	1.95-8.20
	Input Current	A	2.71-10.78	4.03-16.19	6.43-21.52	7.40-28.02	1.55-6.2	2.34-7.82	2.80-10.61	3.15-13.23
SCOP (Water Temp. At 35°C)		4.89	4.55	4.58	4.64	4.59	4.62	4.67	4.6	
SCOP (Water Temp. At 55°C)		3.37	3.41	3.39	3.45	3.44	3.44	3.45	3.46	
Rated Input Power	KW	2.71	3.83	6.2	7.5	3.83	6.2	7.5	10	
Rated Input Current	A	12	17	27.5	35	6.5	10.5	13	17	
CO ₂ Equivalent	/	0.84t	1.21t	1.89t	2.36t	1.21t	1.89t	2.36t	2.36t	
Maximum Allowable Pressure	MPa	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	
IP Class	/	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	
Max. Outlet Water Temp.	°C	60	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	-25 ~ 45	
Water Piping Connections	mm	G1	G1	G1-1/4	G1-1/2	G1	G1-1/4	G1-1/2	G1-1/2	
Rated Water Flow	m ³ /h	1.1	1.75	2.52	3.2	1.75	2.52	3.2	4.12	
Water Pressure Drop	kPa	25	27	30	32	27	30	32	35	
Noise Level	dB(A)	49	52	55	56	52	55	56	58	
Net Dimensions (L×W×H)	mm	1100×445×850	1100×445×850	1110×480×850	1110×445×1450	1100×445×850	1110×480×850	1110×445×1450	1110×445×1450	
Net Weight	kg	102	107	124	151	107	124	151	160	

Rated Test Conditions:

Heating¹: Ambient Temp 7°C/6°C(DB/WB), Water-In/Out Temp 30°C/35°C

Heating²: Ambient Temp 7°C/6°C(DB/WB), Water-In/Out Temp 47°C/55°C

Cooling: Ambient Temp 35°C/24°C(DB/WB), Water-In/Out Temp 12°C/7°C