

Split Heat Pump / Heating & Cooling & DHW / DC Inverter / Residential Type

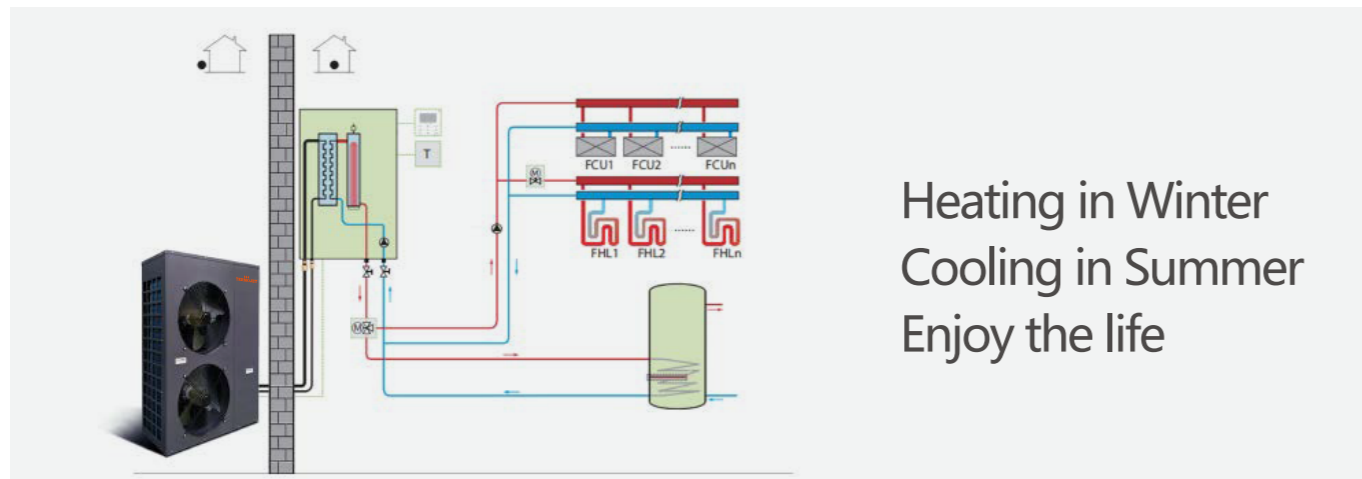


Features:

- Energy class: A++
- Heating+Cooling+DHW
- Full DC inverter compressor and fan motor
- -30°C inverter EVI
- WIFI smart control
- R410A refrigerant, environmental friendly
- Outlet water temperature up to 55°C



Application



Heating in Winter
Cooling in Summer
Enjoy the life

Technical Data / Outdoor Unit

Photos				
Model		BLN-012TA1S	BLN-018TA1S	BLN-018TA3S
Power supply		V/Ph/Hz	220-240/1/50	
Performance Condition: Outdoor air 7°C / 6°C, Inlet / Outlet water 30°C / 35°C				
Heating	Capacity (min-max)	kW	4.3 ~ 12.3	6.7 ~ 20.5
	Rated input(min-max)	kW	0.7 ~ 3.8	1.5 ~ 5.9
	SCOP		4.31	4.21
Performance Condition: Outdoor air 7°C / 6°C, Inlet / Outlet water 50°C / 55°C				
Heating	Capacity	kW	4.5 ~ 12.5	6.8 ~ 20.6
	Rated input	kW	1.4 ~ 5.1	2.0 ~ 7.7
	SCOP		3.30	3.65
Performance Condition: Outdoor air 35°C / 24°C, Inlet / Outlet water 12°C / 7°C				
Cooling	Capacity	kW	2.5 ~ 9.1	4.2 ~ 16.5
	Rated input	kW	1.9 ~ 6.1	2.8 ~ 8.9
	EER		2.71	2.78
Energy class (SCOP)	Outlet water temp. at 35°C		A++	
	Outlet water temp. at 55°C		A++	
Refrigerant	Type		R410A	
	Charged volume	kg	2.3	4.3
Noise level	Heating	dB(A)	45	48
	Cooling	dB(A)	46	49
Operating temperature range	Cooling	°C	-5 ~ 48	
	Heating	°C	-30 ~ 48	
	DHW	°C	-30 ~ 48	
Net dimensions (W*D*H)		mm	1005*375*800	1077*377*1460
Packed dimensions (W*D*H)		mm	1080*455*830	1150*450*1490
Net/Gross weight		kg	66/76	125/138

Technical Data / Hydronic Box

Photos			
Model		Indoor Unit	
Power supply		V/Ph/Hz	
Dimension (W*H*D)		mm	
Packing (W*H*D)		mm	
Net/gross weight		kg	
Water circuit	Piping connections	mm	
	Total water volume	L	
	Drainage pipe	mm	
	Expansion tank	Volume	L
		Max water pressure	MPa
	Pressure relief valve	MPa	
	Water pump head	m	