

Bi-block system for low and medium temperature refrigeration

SB.LBTLN-AV3/AW1,
SB.LBTMD-AV3/AW1



Reciprocating
compressor

Condensing unit for floor standing or roof mounted installation

- › Condensing unit for floor standing or roof mounted installation and ceiling mounted evaporator
- › Extremely fast to assemble thanks to quick connection joints

- › Reduced installation time and cost
- › Best surface-to-capacity ratio

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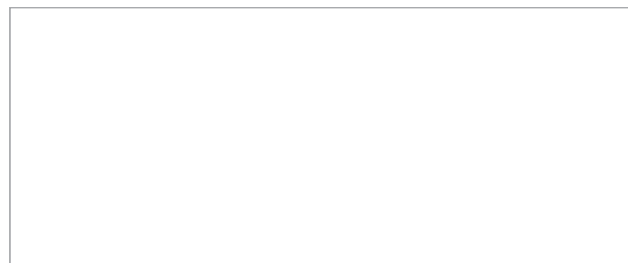
Low Temperature Refrigeration				SB.LBTLN-AV3/AW1	100	120	170	172	200	300
Refrigerating capacity	Low temperature	R-452A	Nom	kW	0.579 (2)	0.807 (2)	970 (2)	1.193 (2)	1.526 (2)	2.090 (2)
Recom. Cold Room Volume	Low temperature	V 100		m ³	2.2 (2)	3.9 (2)	5.3 (2)	7.6 (2)	11.4 (2)	18.1 (2)
Power input	Max.			W	950	1,330	2,000	2,080	2,590	3,360
Dimensions	Condensing unit	Height x Width x Depth	mm		640 x 690 x 860					740 x 760 x 960
	Evaporator unit	Height x Width x Depth	mm		360 x 690 x 545			360 x 990 x 545		360 x 1,440 x 545
Weight	Condensing unit		kg		50.0	52.0		63.0	65	85
	Evaporator unit		kg			9.0			16.0	24
	Packed condensing unit		kg		66.0	68.0		79.0	81.0	102.0
	Packed evaporator unit		kg			11.5			18.9	27.6
Compressor	Type				Hermetic Reciprocating					
Refrigerant	Type				R-452A					
	GWP				2,141.0			2,141		
Evaporator	Air flow		m ³ /h		730			1,360		2,060
	Air throw		m		6 (1)					
Defrost					Electric					
Power supply	Voltage/Phase/Frequency		V/Hz		230/1~/50			400/3~/50		

Medium Temperature Refrigeration				SB.LBTMD-AV3	050	060	075	100	122
Refrigerating capacity	Medium temperature	R-134a	Nom	kW	0.952 (2)	1.112 (2)	1.388 (2)	1.768 (2)	1.992 (2)
Recom. Cold Room Volume	Medium temperature	V 100		m ³	6.8 (2)	8.6 (2)	11.8 (2)	16.5 (2)	18.5 (2)
Power input	Max.			W	1,250	1,460	1,720	1,930	2,460
Dimensions	Condensing unit	Height x Width x Depth	mm		640 x 690 x 860				
	Evaporator unit	Height x Width x Depth	mm		360 x 690 x 545			360 x 990 x 545	
Weight	Condensing unit		kg		41.0		44		62.0
	Evaporator unit		kg			9.0			16.0
	Packed condensing unit		kg		57.0			78	
	Packed evaporator unit		kg			11.5			18.9
Compressor	Type				Hermetic Reciprocating				
Refrigerant	Type				R-134a				
	GWP				1,430				
Evaporator	Air flow		m ³ /h		730			1,360	
	Air throw		m		6 (1)				
Defrost					Electric				
Power supply	Voltage/Phase/Frequency		V/Hz		230/1~/50				

Medium Temperature Refrigeration				SB.LBTMD-AW1	120	150	200
Refrigerating capacity	Medium temperature	R-134a	Nom	kW	1.992 (2)	3.129 (2)	3.430 (2)
Recom. Cold Room Volume	Medium temperature	V 100		m ³	18.5 (2)	35.7 (2)	40.3 (2)
Power input	Max.			W	2,380	3,220	3,530
Dimensions	Condensing unit	Height x Width x Depth	mm		640 x 690 x 860		740 x 760 x 960
	Evaporator unit	Height x Width x Depth	mm		360 x 990 x 545		360 x 1,440 x 545
Weight	Condensing unit		kg		62.0	75	77
	Evaporator unit		kg		16.0		24
	Packed condensing unit		kg		78	92.0	94.0
	Packed evaporator unit		kg		18.9		27.6
Compressor	Type				Hermetic Reciprocating		
Refrigerant	Type				R-134a		
	GWP				1,430		
Evaporator	Air flow		m ³ /h		1,360		2,060
	Air throw		m		6 (1)		
Defrost					Electric		
Power supply	Voltage/Phase/Frequency		V/Hz		400/3~/50		

(1) Use air throw as a base. Air throw is affected by many factors such as height of room, product storage, location of evaporator, etc.
(2) Low temperature: when normally running: -22°C / +32°C | Medium temperature: when normally running: 0°C / +32°C
Contains fluorinated greenhouse gases

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