



# Bi-block system for low and medium temperature refrigeration

SP-O



Reciprocating  
compressor

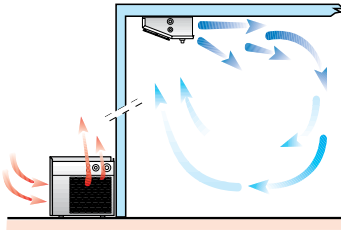
## Condensing unit for floor standing or roof mounted installation

- › 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

# SP-O

## Installation type



SB.BSP				121NOP			121TOP			123TOP			135TOP			221NOP			221TOP					
				1D	2D	3D	1D	2D	3D	1D	2D	3D	1D	2D	3D	1D	2D	3D	1D	2D	3D			
Refrigerating capacity	Low temperature	R-452A	Nom	kW			0.662 (1)			0.905 (1)			1.088 (1)			2.384 (1)			1.342 (1)			1.719 (1)		
Dimensions	Condensing unit	Height x Width x Depth	mm	357 x 620 x 337									427 x 820 x 427			390 x 820 x 427								
	Evaporator unit	Height x Width x Depth	mm	215 x 614 x 410									215 x 1,614 x 410			215 x 1,034 x 410								
	Packed condensing unit	Height x Width x Depth	mm	690 x 520 x 780									690 x 620 x 1,010											
	Packed evaporator unit	Height x Width x Depth	mm	260 x 470 x 780									260 x 470 x 1,780			260 x 470 x 1,200								
Weight	Condensing unit		kg	45			50			78			61			69								
	Evaporator unit		kg				13			28			19											
	Packed condensing unit		kg	74			79			116			99			107								
	Packed evaporator unit		kg				15			30			21											
Compressor	Type			Hermetic Reciprocating																				
	Nominal power		kW	0.75			1.1			1.3			2.2			1.3			1.5					
	Starting method			Direct																				
Operation range	Cold room temperature	Min. ~Max.	°C	-25 ~-15																				
Refrigerant	GWP			2,141																				
Evaporator	Air flow		m <sup>3</sup> /h	600									1,800			1,200								
	Air throw		m	4 (3)																				
Condenser	Air flow		m <sup>3</sup> /h	750									1,500			1,400								
Defrost				Electric																				
Piping Length			m	2.5	5	10	2.5	5	10	2.5	5	10	2.5	5	10	2.5	5	10	2.5	5	10	2.5	5	10
Power supply	Voltage / Phase / Frequency		V/Hz	230 / 1~ / 50																				

SB.MSP				121TOP			123TOP			135NOP			135TOP			221NOP			221TOP					
				1E	2E	3E	1E	2E	3E	1E	2E	3E	1E	2E	3E	1E	2E	3E	1E	2E	3E			
Refrigerating capacity	Medium temperature	R-134a	Nom	kW			1.140 (2)			1.422 (2)			3.188 (2)			3.492 (2)			1.816 (2)			2.029 (2)		
Dimensions	Condensing unit	Height x Width x Depth	mm	357 x 620 x 337									427 x 820 x 427			390 x 820 x 427								
	Evaporator unit	Height x Width x Depth	mm	215 x 614 x 410									215 x 1,614 x 410			215 x 1,034 x 410								
	Packed condensing unit	Height x Width x Depth	mm	690 x 520 x 780									690 x 620 x 1,010											
	Packed evaporator unit	Height x Width x Depth	mm	260 x 470 x 780									260 x 470 x 1,780			260 x 470 x 1,200								
Weight	Condensing unit		kg	43			69			70			59			61								
	Evaporator unit		kg	13			28			19														
	Packed condensing unit		kg	72			107			108			97			99								
	Packed evaporator unit		kg	15			30			21														
Compressor	Type			Hermetic Reciprocating																				
	Nominal power		kW	0.4			0.7			2.2			2.6			0.9			1.7					
	Starting method			Direct																				
Operation range	Cold room temperature	Min. ~Max.	°C	-5 ~-10																				
Refrigerant	GWP			1,430																				
Evaporator	Air flow		m <sup>3</sup> /h	600									1,800			1,200								
	Air throw		m	4 (3)																				
Condenser	Air flow		m <sup>3</sup> /h	750									1,500			1,400								
Defrost				Electric																				
Piping Length			m	2.5	5	10	2.5	5	10	2.5	5	10	2.5	5	10	2.5	5	10	2.5	5	10	2.5	5	10
Power supply	Voltage / Phase / Frequency		V/Hz	230 / 1~ / 50																				

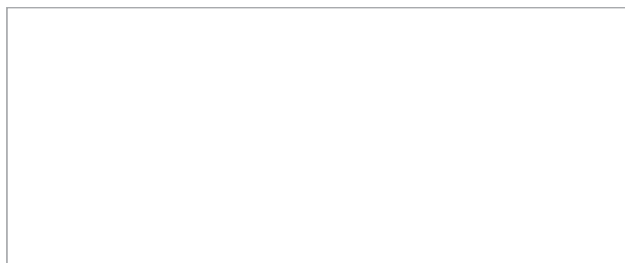
(1) When normally running: -20°C / +30°C

(2) When normally running: +0°C / +30°C

(3) Use air throw as a base. Air throw is affected by many factors such as height of room, product storage, location of evaporator, etc.

Contains Fluorinated greenhouse gases

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