



Bi-block system for low and medium temperature refrigeration

SP-O



Reciprocating
compressor

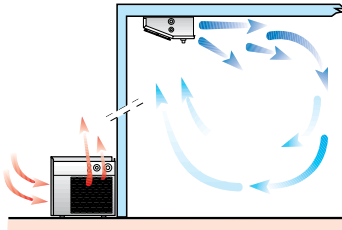
Condensing unit for floor standing or roof mounted installation

- › 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



Low Temperature Refrigeration		SB.BSP	110P			112P			117P			218P			220P			330P					
			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)			1.342 (1)			1.719 (1)			2.384 (1)		
Dimensions	Condensing unit	Height x Width x Depth	mm			357 x 620 x 337			215 x 614 x 410			390 x 820 x 427			215 x 1,034 x 410			427 x 820 x 427					
	Evaporator unit	Height x Width x Depth	mm			215 x 614 x 410			690 x 520 x 780			260 x 470 x 1,200			260 x 470 x 1,780								
	Packed condensing unit	Height x Width x Depth	mm			690 x 520 x 780			260 x 470 x 780			690 x 620 x 1,010			260 x 470 x 1,780								
	Packed evaporator unit	Height x Width x Depth	mm			260 x 470 x 780			260 x 470 x 780			260 x 470 x 1,200			260 x 470 x 1,780								
Weight	Condensing unit		kg			45			50			61			69			78					
	Evaporator unit		kg			74			13			19			28								
	Packed condensing unit		kg			74			79			99			107			116					
	Packed evaporator unit		kg			74			15			21			30								
Compressor	Type		Hermetic Reciprocating																				
	Nominal power		kW			0.75			1.1			1.3			1.3			1.5			2.2		
	Starting method		Direct																				
Operation range	Cold room temperature	Min. ~Max.	°C			-25 ~-15																	
Refrigerant	GWP		2,141																				
Evaporator	Air flow		m ³ /h			600			600			1,200			1,200			1,800					
	Air throw		m			4			4 (3)			4			4			4					
Condenser	Air flow		m ³ /h			750			750			1,400			1,400			1,500					
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
Power supply	Voltage / Phase / Frequency		V/Hz			230 / 1~ / 50									400 / 3N~ / 50								

Medium Temperature Refrigeration		SB.MSP	106P			107P			212P			213P			315P			320P																							
			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)			1.816 (2)			2.029 (2)			3.188 (2)			3.492 (2)																				
Dimensions	Condensing unit	Height x Width x Depth	mm			357 x 620 x 337			215 x 614 x 410			390 x 820 x 427			215 x 1,034 x 410			427 x 820 x 427																							
	Evaporator unit	Height x Width x Depth	mm			215 x 614 x 410			690 x 520 x 780			260 x 470 x 1,200			260 x 470 x 1,780																										
	Packed condensing unit	Height x Width x Depth	mm			690 x 520 x 780			260 x 470 x 780			690 x 620 x 1,010			260 x 470 x 1,780																										
	Packed evaporator unit	Height x Width x Depth	mm			260 x 470 x 780			260 x 470 x 780			260 x 470 x 1,200			260 x 470 x 1,780																										
Weight	Condensing unit		kg			43			59			61			69			70																							
	Evaporator unit		kg			72			13			19			28																										
	Packed condensing unit		kg			72			97			99			107			108																							
	Packed evaporator unit		kg			72			15			21			30																										
Compressor	Type		Hermetic Reciprocating																																						
	Nominal power		kW			0.4			0.7			0.9			1.7			2.2			2.6																				
	Starting method		Direct																																						
Operation range	Cold room temperature	Min. ~Max.	°C			-5 ~-10																																			
Refrigerant	GWP		1,430																																						
Evaporator	Air flow		m ³ /h			600			600			1,200			1,200			1,800																							
	Air throw		m			4			4 (3)			4			4			4																							
Condenser	Air flow		m ³ /h			750			750			1,400			1,400			1,500																							
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																		
Power supply	Voltage / Phase / Frequency		V/Hz			230 / 1~ / 50									230 / 1~ / 50									400 / 3N~ / 50									400 / 3N~ / 50								

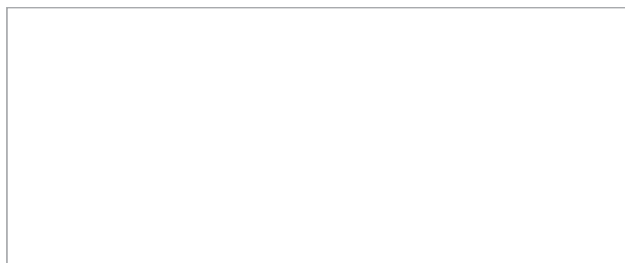
(1) When normally running: -20°C / +30°C

(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

Daikin Europe N.V. Naamloze Vennootschap · Zandvoordestraat 300 · 8400 Oostende · Belgium · www.daikin.eu · BE 0412 120 336 · RPR Oostende (Responsible Editor)



ECPE19-826

10/18



The present leaflet is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V. Daikin Europe N.V. has compiled the content of this leaflet to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this leaflet. All content is copyrighted by Daikin Europe N.V.