

Uni-block system for low and medium temperature refrigeration

SB



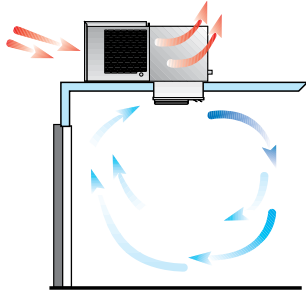
Reciprocating
compressor

For roof mounted installation in small and medium sized cold rooms

- › Rapid mounting on the roof of the cold room
- › Ceiling assembly leaves the space inside the cold room completely free
- › The white colour of the evaporator blends unobtrusively with the cold room walls
- › Extremely fast to assemble, reducing installation time and cost
- › Best surface-to-capacity ratio



Installation type



Low temperature refrigeration				BSB	120N0261D	125N261Y	125T261D	135T38D	135T38Y	225T38D	
Refrigerating capacity	Low temperature	R-290	Nom	kW	-	0.871 (1)	-	-	2.693 (1)	-	
	R-452A	Nom	kW	0.628 (1)	-	1.029 (1)	2.472 (1)	-	1.699 (1)	-	
Dimensions	Unit	Height x Width x Depth			525 x 430 x 771	507 x 620 x 719	506 x 620 x 719	645 x 820 x 929	647 x 820 x 929	540 x 820 x 809	
	Packed unit	Height x Width x Depth			690 x 540 x 830	660 x 730 x 790		800 x 930 x 1,000		690 x 930 x 880	
Weight	Unit				kg	48	68	102	92	87	
	Packed unit				kg	61	82	124	114	108	
Compressor	Type	Hermetic Reciprocating									
	Nominal power				kW	0.6	-	1.3	2.2	-	1.5
	Starting method					Direct	-	Direct	-	Direct	
Operation range	Cold room temperature Min. ~Max.			°C	-25 ~-15						
Refrigerant	Type					R-452A	R-290	R-452A		R-290	R-452A
	GWP					2,141.0	3.0	2,141.0		3.0	2,141.0
Evaporator	Air flow				m ³ /h	500	-	550	2,300	-	1,100
	Air throw				m	3 (3)	-	4 (3)	10 (3)	-	4 (3)
Condenser	Air flow				m ³ /h	400	-	750	1,500	-	1,400
Defrost					Hot gas	-	Hot gas		-	Hot gas	
Power supply	Voltage / Phase / Frequency			V/Hz	230 / 1~ / 50				400 / 3N~ / 50		

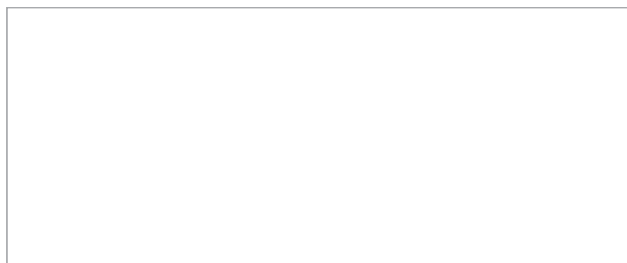
Medium temperature refrigeration				MSB	120T0261E	125N261E	125T261E	125T261Y	135N38E	135N38Y	135T38E	135T38Y	140T38E	225N261E	225T261Y	225T38E	235T38E	
Refrigerating capacity	Medium temperature	R-134a	Nom	kW	0.857 (2)	1.120 (2)	1.338 (2)	-	3.282 (2)	-	3.550 (2)	-	3.774 (2)	1.799 (2)	-	2.022 (2)	4.871 (2)	
	R-290	Nom	kW	-	-	1.225 (2)	-	2.600 (2)	-	3.428 (2)	-	-	2.070 (2)	-	-			
Dimensions	Unit	Height x Width x Depth			mm	525x430x771	506 x 620 x 719	507x620x719	645x820x929	647 x 820 x 929	645x820x929	647x820x929	760x920x1,042	540 x 820 x 809		785x1,075x1,046		
	Packed unit	Height x Width x Depth			mm	690x540x830	660 x 730 x 790		800 x 930 x 1,000			880x1,100x1,100	690 x 930 x 880		920x1,200x1,120			
Weight	Unit				kg	42	59	-	92	-	110	74	75	151	-	-		
	Packed unit				kg	55	73	-	114	-	139	95	96	184	-	-		
Compressor	Type	Hermetic Reciprocating																
	Nominal power				kW	0.5	0.6	0.7	-	2.2	-	2.6	-	2.9	0.9	-	1.7	3.7
	Starting method					Direct		-	Direct	-	Direct	-	Direct		-	Direct		
Operation range	Cold room temperature Min. ~Max.			°C	-5 ~10													
Refrigerant	Type					R-134a		R-290	R-134a	R-290	R-134a	R-290	R-134a	R-290	R-134a	R-290	R-134a	
	GWP					1,430.0		3.0	1,430.0	3.0	1,430.0	3.0	1,430.0	3.0	1,430.0	3.0	1,430.0	
Evaporator	Air flow				m ³ /h	500	550	-	2,300	-	2,300	-	2,300	1,100	-	1,100	3,450	
	Air throw				m	3 (3)	4 (3)	-	10 (3)	-	10 (3)	-	10 (3)	4 (3)	-	4 (3)	10 (3)	
Condenser	Air flow				m ³ /h	400	750	-	1,500	-	1,500	-	3,100	1,400	-	1,400	3,200	
Defrost					Hot gas		-	Hot gas	-	Hot gas	-	Hot gas		-	Hot gas			
Power supply	Voltage / Phase / Frequency			V/Hz	230 / 1~ / 50				400 / 3N~ / 50				230 / 1~ / 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

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