



Uni-block system for low and medium temperature refrigeration

GM



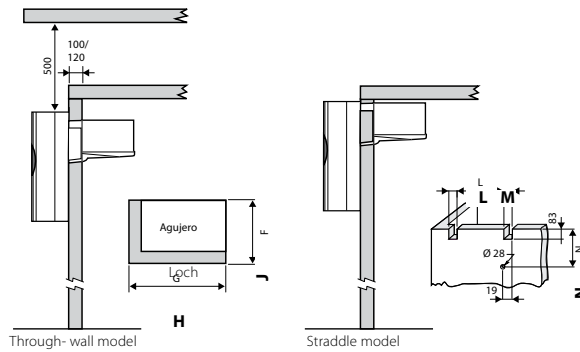
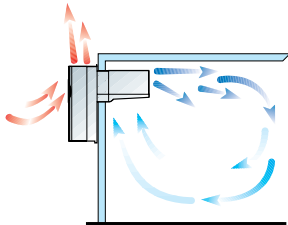
Reciprocating
compressor

For wall mounted installation in small and medium sized cold rooms

- › Rapid mounting on the wall of the cold room by straddle-mounting, which is ideal for new installations or through-wall mounting, which is ideal for refurbishment projects
- › Metallic grey coloured finish of the outdoor unit
- › The white colour of the evaporator blends unobtrusively with the cold room walls
- › Compressor compartment insulated with suitable soundproofing material to reduce sound levels
- › Microchannel condensers available in order to reduce the refrigerant charge as much as possible and ensuring higher energy efficiency
- › The units are provided with a new generation control panel with an easy-to-use interface



Installation type



Low Temperature Refrigeration				BGM	110DA11XA	11226Y	112DA11XA	117DA11XA	218DA11XA	220DB11XA	320DB11XA
Refrigerating capacity	Low temperature	R-290	Nom	kW	-	0.871 (1)	-				
		R-452A	Nom	kW	0.679 (1)	-	0.889 (1)	1.080 (1)	1.336 (1)	1.688 (1)	2.349 (1)
Dimensions	Unit	HeightxWidthxDpeth		mm	735x400x790			830x620x790		830x620x862	
	Packed unit	HeightxWidthxDpeth		mm	942x450x850			1,050x670x850		1,050x670x940	
Weight	Unit			kg	56	64		80		105	
	Packed unit			kg	67	75		96		122	
Compressor	Type	Hermetic Reciprocating									
	Nominal power			kW	0.74	-	0.9	1.3		1.5	2.2
	Starting method				Direct	-	Direct				
Condenser	Air flow			m ³ /h	600	-	600	1,200		1,500	
Defrost					Hot gas						
Evaporator	Air flow			m ³ /h	600	-	600	1,200		1,500	
	Air throw			m	4 (2)	-	4 (2)				10 (2)
Operation range	Cold room temp.	Min.~Max.		°C	-25~-15						
Refrigerant	Type/GWP				R-452A/2,141	R-290/3	R-452A/2,141				
	Charge			kg/TCO ₂ Eq	0.38/0.81	0.15/0.0000	0.34/0.73	0.35/0.75	0.86/1.84	0.84/1.80	0.98/2.10
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/230					3N~/50/400	

Medium Temperature Refrigeration				MGM	103EA 11XA	105EA 11XA	106EA 11XA	10726Y	107EA 11XA	110EA 11XA	211EA 11XA	21227Y	212EB 11XA	213EB 11XA	315EB 11XA	320EB 11XA
Refrigerating capacity	Medium temperature	R-134a	Nom	kW	0.855 (3)	0.978 (3)	1.120 (3)	-	1.315 (3)	1.351 (3)	1.806 (3)	-	2.034 (3)	2.175 (3)	3.079 (3)	3.351 (3)
		R-290	Nom	kW	-		1.190 (3)	-	-		2.092 (3)	-				
Dimensions	Unit	HeightxWidthxDpeth		mm	735x400x790			830x620x790		830x620x862						
	Packed unit	HeightxWidthxDpeth		mm	942x450x850			1,050x670x850		1,050x670x940						
Weight	Unit			kg	52	53	56	64	80		98		100			
	Condensing unit			kg	-						117					
	Packed unit			kg	63	64	67	75	96		115					
Compressor	Type	Hermetic Reciprocating														
	Nominal power			kW	0.4	0.5	0.4	-	0.7	0.9		-	1.7	2	2.2	2.6
	Starting method				Direct			-	Direct		-	Direct				
Condenser	Air flow			m ³ /h	600		-	600	1,200	-	1,200		1,500			
Defrost				Hot gas						Hot gas		Hot gas				
Evaporator	Air flow			m ³ /h	600		-	600	1,200	-	1,200		1,800			
	Air throw			m	4 (2)		-	4 (2)		-	4 (2)		10 (2)			
Operation range	Cold room temp.	Min.~Max.		°C	-5~-10											
Refrigerant	Type/GWP				R-134a/1,430		R-290/3	R-134a/1,430		R-290/3		R-134a/1,430				
	Charge			kg/TCO ₂ Eq	0.40/0.57	0.43/0.61	0.15/0.00	0.33/0.47	0.40/0.57	0.71/1.02	0.15/0.00	0.70/1.00	0.75/1.07	0.95/1.36	1.00/1.43	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/230					3N~/50/400						

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

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

(3)When normally running: 0°C / +30°C

Contains fluorinated greenhouse gases

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