



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



Low Temperature Refrigeration,			BGM	110DA11XA	0870Y1AA	112DA11XA	117DA11XA	218DA11XA	220DB11XA	330DB11XA	
Refrigerating capacity	Low temperature (01)	R-290 Nom	kW		0.871			-			
		R-452A Nom	kW	0.679	-	0.889	1.080	1.336	1.688	2.349	
Dimensions	Unit	HeightxWidthxDepth	mm	735x400x790			830x620x790			830x620x862	
	Packed unit	HeightxWidthxDepth	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
Condenser	Starting method			Direct							
	Air flow		m ³ /h	600			1,200			1,500	
Defrost				Hot gas							
	Air flow		m ³ /h	600			1,200			1,500	
Evaporator	Air throw (3)		m	4						10	
	Operation range	Cold room temperature	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	0.15/0.00	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	1280 Y1AA	107EA 11XA	110EA 11XA	211EA 11XA	212EB 11XA	213EB 11XA	2210 Y1AA	315EB 11XA	320EB 11XA
Refrigerating capacity	Medium temperature (02)	R-134a Nom	kW	0.855	0.978	1.120	-	1.315	1.351	1.806	2.034	2.175	-	3.079	3.351
		R-290 Nom	kW				1.281						2.206		
Dimensions	Unit	HeightxWidthxDepth	mm	735x400x790					830x620x790					830x620x862	
	Packed unit	HeightxWidthxDepth	mm	942x450x850					1,050x670x850					1,050x670x940	
Weight	Unit		kg	52	53	56	56	56	64		80		80	98	100
	Packed unit		kg	63	64	67	67	67	75		96		96	115	117
Compressor	Type			Hermetic Reciprocating											
	Nominal power		kW	0.4	0.5	0.4	0.56	0.7	0.9	1.7	2	0.9	2.2	2.6	
Condenser	Starting method			Direct											
	Air flow		m ³ /h	600			1,200						1,500		
Defrost				Hot gas											
	Air flow		m ³ /h	600			1,200						1,800		
Evaporator	Air throw (3)		m	4									10		
	Operation range	Cold room temperature	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	0.70/1.00	0.75/1.07	0.15/0.00	0.95/1.36	1.00/1.43	
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230					3N~/50/400			1~/50/230	3N~/50/400		

(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

