

Cooling units

Piggy-back model, type GM

Performance data

Cooling devices | Control range -5 °C to +10 °C | Refrigerant R134A

Type	Type series	Maximum Volume ²	Sound pressure level ³	Refrigerating capacity ¹	Nominal consumption	Voltage	Weight
MGM 103 EA	GM 1	5.3 m ³	38 dB	855 W	0.6 KW	230 V	52 Kg
MGM 105 EA	GM 1	6.5 m ³	38 dB	978 W	0.8 KW	230 V	53 Kg
MGM 106 EA	GM 1	7.9 m ³	39 dB	1120 W	1 KW	230 V	56 Kg
MGM 107 EA	GM 1	10 m ³	40 dB	1315 W	0.7 KW	230 V	56 Kg
MGM 110 EA	GM 1	10 m ³	40 dB	1351 W	0.9 KW	230 V	64 Kg
MGM 211 EA	GM 2	15 m ³	39 dB	1806 W	1 KW	230 V	80 Kg
MGM 212 EB	GM 2	17 m ³	40 dB	2034 W	1.7 KW	400 V	80 Kg
MGM 213 EB	GM 2	19 m ³	41 dB	2175 W	2 KW	400 V	80 Kg
MGM 315 EB	GM 3	32 m ³	47 dB	3079 W	1.9 KW	400 V	98 Kg
MGM 320 EB	GM 3	35 m ³	47 dB	3351 W	2.2 KW	400 V	100 Kg

¹ Refrigerating capacity specified at 0 °C temperature within the chamber and +30 °C ambient temperature.

² Taking 80 mm insulation (k value 0.27 W/Km²) into consideration.

³ According to the manufacturer, all values were determined at a distance of 10 m in compliance with ISO 3746/79.

Cooling devices | Control range -15 °C to -25 °C | Refrigerant R452A

Type	Type series	Maximum Volume ²	Sound pressure level ³	Refrigerating capacity ¹	Nominal consumption	Voltage	Weight
BGM 110 DA	GM 1	2.8 m ³	40 dB	679 W	0.5 KW	230 V	56 Kg
BGM 112 DA	GM 1	4.6 m ³	42 dB	889 W	0.6 KW	230 V	64 Kg
BGM 117 DA	GM 1	7.2 m ³	42 dB	1155 W	0.9 KW	230 V	64 Kg
BGM 218 DA	GM 2	11 m ³	41 dB	1429 W	1.1 KW	230 V	80 Kg
BGM 220 DB	GM 2	13 m ³	41 dB	1688 W	1.5 KW	400 V	80 Kg
BGM 320 DB	GM 3	25 m ³	47 dB	2491 W	2.1 KW	400 V	105 Kg
BGM 330 DB	GM 3	28 m ³	47 dB	2701 W	1.9 KW	400 V	105 Kg
BGM 320 DB	GM 3	32 m ³	47 dB	3160 W	2.2 KW	400 V	113 Kg

¹ Refrigerating capacity specified at -25 °C temperature within the chamber and +30 °C ambient temperature.

² Taking 100 mm insulation (k value 0.22 W/Km²) into consideration.

³ According to the manufacturer, all values were determined at a distance of 10 m in compliance with ISO 3746/79.

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Equipment



Type GM comes with the following equipment:

- Automatic alarm system to indicate when condenser is soiled
- Capillary tube injection
- Automatic hot-gas defrosting
- Switchboard with electronic control and control keyboard
- System for automatic drip water evaporation
- A 5-metre cable set, including cables for the door contact switch, room lighting with enclosed lamp and door frame heater (only for low-temperature models BGM)
- Sound insulation of the compressor chamber to reduce noise level

Optional features available:

- Connection module for monitoring, remote control and data capture by an external controller
- Kit (up to 150 mm insulation) required for insertion of the unit into the wall of the cold storage room, rather than mounting
- Electric defrosting
- Water condensation
- Remote control
- Winter package with pressure control or speed regulator for the condenser fan, compressor heating and double solenoid valve
- Other amperages
- Protective coating for evaporator