



SGM12 - 13.6m³

Designed for high performance and sustainability, this wall-mounted monoblock refrigeration unit delivers a cooling capacity of 1233 W, making it ideal for cold room applications. With environmentally friendly R290 refrigerant, it ensures minimal environmental impact while maintaining precise temperature control with its electronic system.

The unit features hot gas defrost to prevent ice build-up and includes a hermetic compressor, air-cooled condenser, and high-pressure protection for safe, durable operation. Compact and easy to install, it's the perfect choice for businesses seeking a cost-effective, energy-efficient refrigeration solution.

Condenser

Fin spacing, mm	2.5
Surface area, m ²	6.7
Number of fans	1
Fan power, W /; rev / min	11,2/1300
Impeller diameter, mm	254
Capacity, m ³ /hour	600

Air-Cooling Battery

Fin spacing, mm	4
Surface area, m ²	6.22
Number of fans	1
Fan power, W /; rev / min	9/1300
Impeller diameter, mm	200
Capacity, m ³ /hour	500
Jet length, m	4

Cables

External power cable	3 x 1.5mm
Connection of sensors	2x0,75

General Specifications

Refrigerant	R 290
Cooling capacity, W	1233
Defrost type	hot gas
Temperature range, °C	-5°C...+5°C
Temperature setting limits	from +10°C to -5°C
Ambient temperature, C°	+10...+43°
Voltage, V / ph / Hz	230/1/50
Current In, A	4.3
Displacement, cm ³	17.69
Max. power consumption, kW	0.85
Dose of filling R290, kg	0.13
Temperature control	Electronic
High pressure protection	Yes
Dimensions (H x W x D), mm	720 x 400 x 795

Logistic Information

Netto, kg	47
Brutto, kg	66
Package dimensions, mm	880x490x880
Walk-in room insulation thickness	80mm

Technical Drawing - Single Fan

