



### SGM10 - 7.2m<sup>3</sup>

This wall-mounted monoblock refrigeration unit is designed for high efficiency and sustainability, with a cooling capacity of 1015 W and a temperature range from -5°C to +5°C, making it ideal for cold room applications.

Utilising environmentally friendly R290 refrigerant, it ensures minimal environmental impact while offering precise electronic temperature control. The unit features hot gas defrost to prevent ice buildup, and includes a hermetic compressor, air-cooled condenser, and high-pressure protection for safe, reliable operation. With compact dimensions and easy installation, this unit is a cost-effective, energy-efficient choice for businesses needing effective cold storage solutions.

### General Specifications

Refrigerant	R 290
Cooling capacity, W	1015
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	4.2
Displacement, cm <sup>3</sup>	15.28
Max. power consumption, kW	0.79
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

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

### Condenser

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

### Air-Cooling

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

### Cables

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

### Technical Drawing - Single Fan

