



SGL14 - 11.1m³

This wall-mounted monoblock refrigeration unit is designed for efficient low-temperature operation, providing a cooling capacity of 1000 W and a temperature range from -15°C to -25°C. Utilizing environmentally friendly R290 refrigerant, it minimizes environmental impact while delivering reliable performance. The unit features electronic temperature control for precise temperature management and hot gas defrost technology to prevent ice buildup, ensuring optimal operation.

With a hermetic compressor, air-cooled condenser, and high-pressure protection, it guarantees safe and durable use. Its compact design includes a powerful fan for efficient airflow, making it an excellent choice for businesses needing an effective, energy-efficient solution for cold storage applications.

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	3x1,5
Connection of sensors	2x0,75

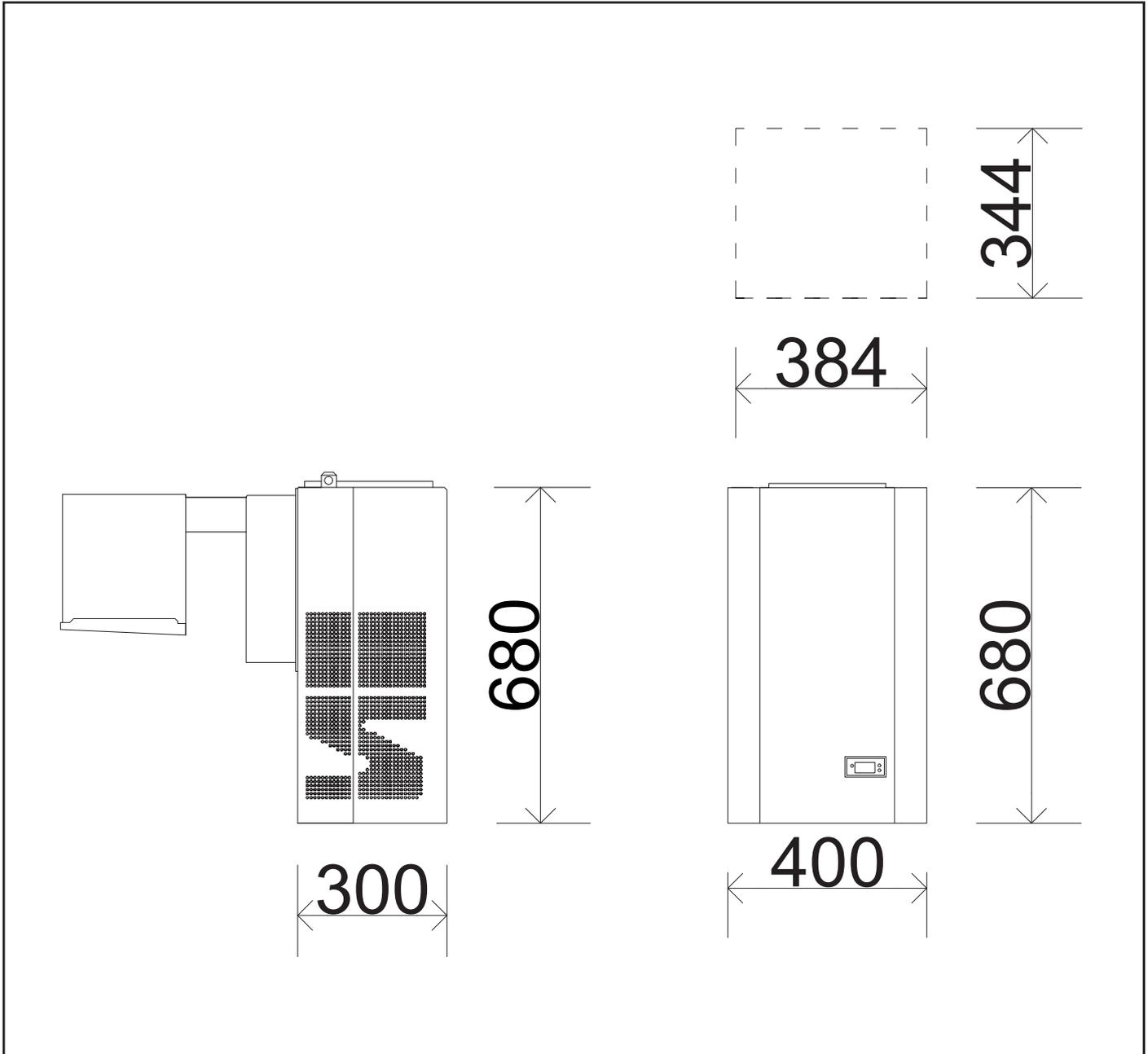
General Specifications

Refrigerant	R 290
Cooling capacity, W	685
Defrost type	hot gas
Temperature range, °C	-15°C...-25°C
Temperature setting limits	from -15°C/-25°C
Ambient temperature, C°	+10...+43°
Voltage, V / ph / Hz	230/1/50
Current In, A	4.5
Displacement, cm ³	20.72
Max. power consumption, kW	0.69
Dose of filling R290, kg	0.11
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	100mm

Technical Drawing



Refrigeration Capacity Table

Ambient Temperature	25°C			32°C			43°C		
Chamber Inside Temperature	-15°C	-20°C	-25°C	-15°C	-20°C	-25°C	-15°C	-20°C	-25°C
SGL14 Chamber Volumes m3	14.5	9.0	4.8	10.0	5.9	3.8	7.6	4.8	3.2