



## SGL11 - 6.8m<sup>3</sup>

This wall-mounted monoblock refrigeration unit is engineered for low-temperature environments, delivering a cooling capacity of 685 W with a temperature range of -15°C to -25°C. It employs environmentally friendly R290 refrigerant, ensuring both effective cooling and a reduced ecological footprint. The unit features electronic temperature control for precision management and hot gas defrost to prevent ice formation, allowing for consistent performance.

Designed with a hermetic compressor, an air-cooled condenser, and high-pressure protection, it guarantees safe and reliable operation. With its compact design and efficient airflow from a powerful fan, this refrigeration unit is a perfect solution for businesses seeking an energy-efficient and dependable cold storage option.

### 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

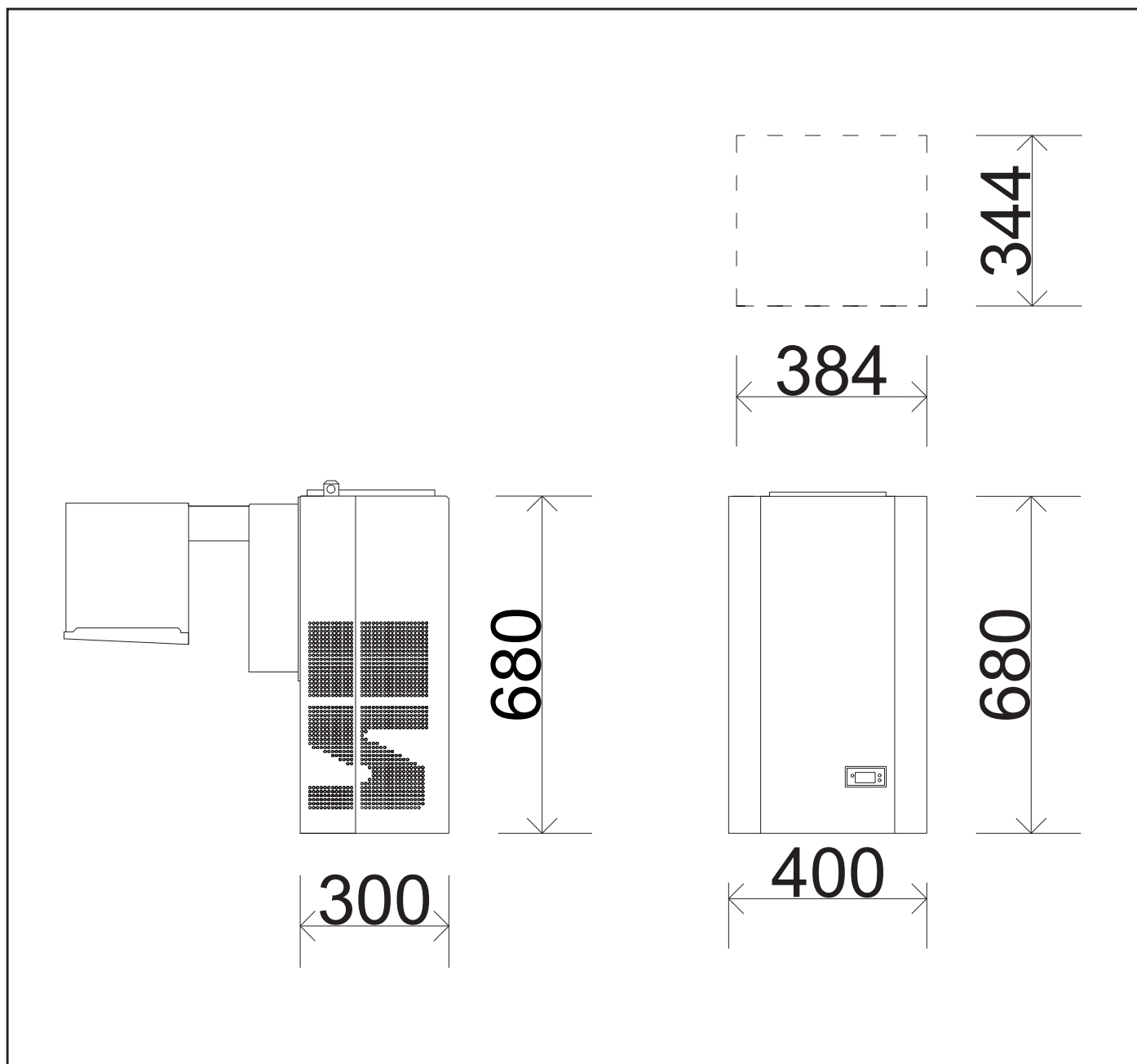
### General Specifications

Refrigerant	R 290
Cooling capacity, W	1000
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	5.3
Displacement, cm <sup>3</sup>	27.8
Max. power consumption, kW	1.07
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	52
Brutto, kg	71
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
SGL11 Chamber Volumes m3	9.7	6.0	3.2	6.6	3.9	2.5	5.1	3.2	2.1