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# Technical specifications

Version 1.35

Model:

**BGM11702F**

Class:

**Uniblock GM**

## Technical data

Characteristics	M.U.	Value
Working temperature	°C	-15 ÷ -25
Starting mode		Direct
Voltage	Volt-Ph-Hz	230/1~/50
Rated input	kW*	0.80
Rated input	Amp*	5.10
Peak current	Amp	41.0
Max current	Amp	10.9
Refrigerant		R404A
Defrost		Hot gas
Mass	Kg	64

## Compressor

Type		Hermetic
Nominal power	kW	1.3

## Condenser

Air flow	m³/h	600
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## Evaporator

Air flow	m³/h	600
Air throw	m**	4

PED Category		0
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## Power data

Tc °C	Ta °C	P watt	P Kcal/h	V120 m³	V100 m³	V80 m³
-15	20	1603	1379	14	12	11
	25	1556	1338	13	12	10
	30	1505	1294	13	12	10
	35	1451	1248	12	11	9.4
	40	1396	1201	11	9.8	8.6
-20	45	1339	1152	10	8.9	7.8
	20	1334	1147	10	8.9	7.8
	25	1288	1108	9.7	8.6	7.6
	30	1238	1065	9.1	8.1	7.1
	35	1185	1019	8.4	7.5	6.6
-25	40	1130	972	7.8	6.9	6.1
	45	1074	924	7.1	6.3	5.5
	20	1067	918	7.1	6.3	5.5
	25	1021	878	6.6	5.9	5.1
	30	972	836	6	5.3	4.7
	35	920	791	5.5	4.9	4.3
	40	865	744	4.9	4.4	3.8
	45	807	694	4.4	3.9	3.4

## Calculation of the refrigerating power and volume

Ta	<input type="text" value="35.0"/>	°C
Tc	<input type="text" value="-18.0"/>	°C
PF	<input type="text" value="1,291"/>	Watt
	<input type="text" value="1,110"/>	Kcal/h
V120	<input type="text" value="9.7"/>	m³
V100	<input type="text" value="8.6"/>	m³
V80	<input type="text" value="7.6"/>	m³

\* When normally running: -20 ÷ +30°C

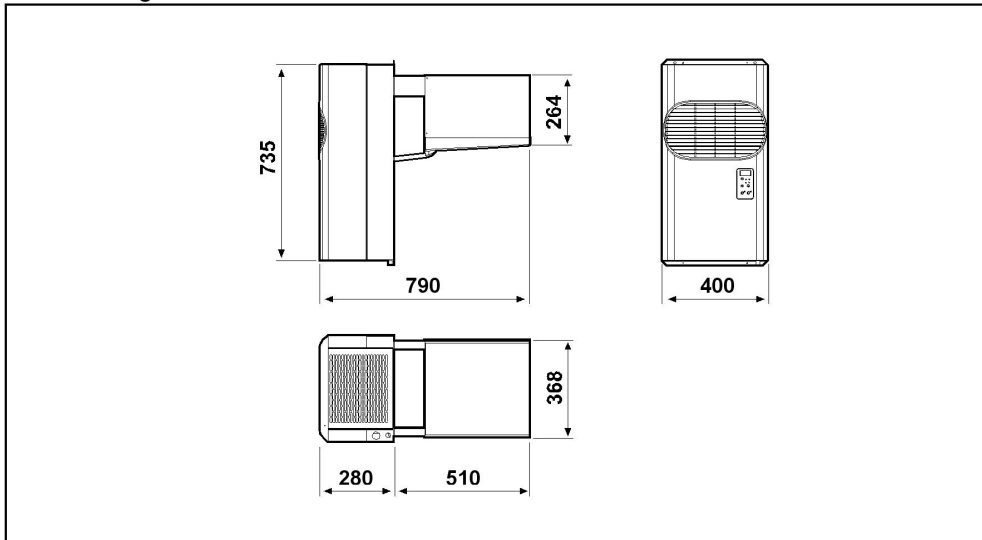
\*\* Use air throw as a base. Air throw is affected by many factors such as height of room, product storage, location of evaporator, etc.

Tc: Coldroom temp. - Ta: External temp.

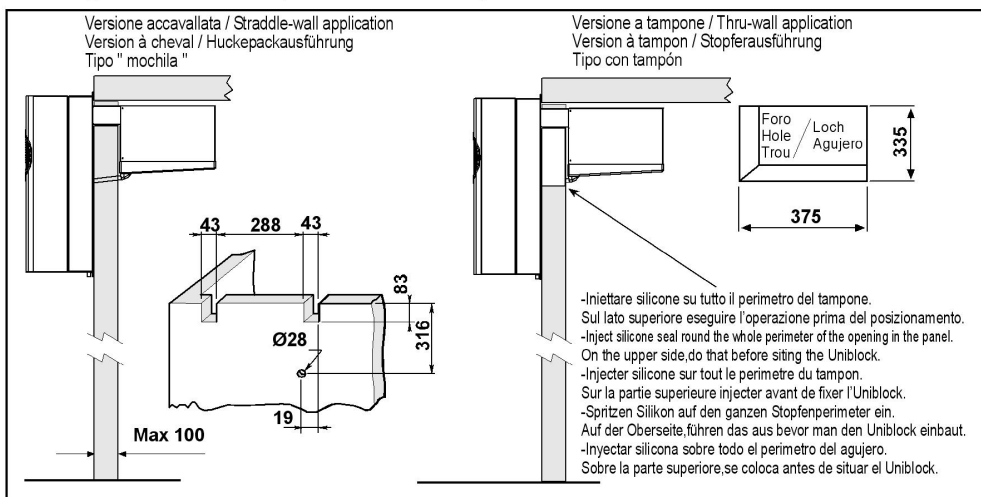
P: Refrigerant capacity - V: Recommended cold-room volume

Dimensioni - Dimensions - Dimensions  
Abmessungen - Dimensiones

**GM1**

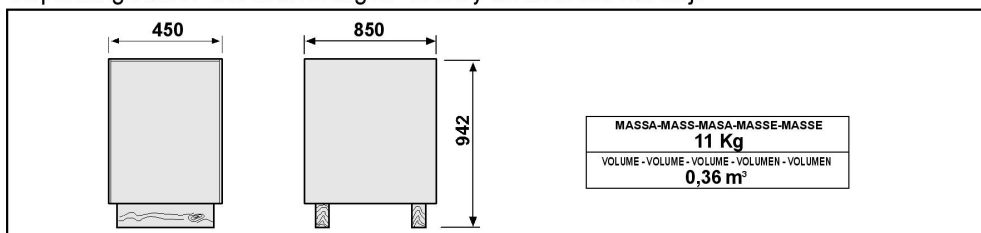


Schema di montaggio - Mounting scheme - Schema de montage  
Montageschema - Esquema de montaje



- \* Raccomandazioni in sede di installazione e per il controllo fornite sul manuale di installazione
- \* To be advised at time of order for factory installation and operating instructions
- \* Recommendations au moments d'installations et pour le contrôle fournis sur le manuel d'installation
- \* Empfehlungen für die Installationsphase und zur Kontrolle, die im Handbuch zur Installation enthalten sind
- \* Por cuanto respecta a recomendaciones de instalación y control ver manual de instalación

Massa e misure imballi - Packing mass and dimensions - Masse et dimensions emballages  
Verpackungsmasse und-abmessungen - Masa y medidas del embalaje



**ZANOTTI S.p.A.**