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Technical specifications

Version 1.35

Model:

BGM11002F

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*	0.50
Rated input	Amp*	3.20
Peak current	Amp	24.0
Max current	Amp	5.3
Refrigerant		R404A
Defrost		Hot gas
Mass	Kg	56

Compressor

Type		Hermetic
Nominal power	kW	0.74

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
	20	989	851	6.2	5.5	4.8
	25	965	830	6	5.3	4.7
-15	30	937	806	5.7	5.1	4.4
	35	903	777	5.3	4.7	4.1
	40	862	741	4.9	4.4	3.8
	45	816	702	4.5	4	3.5
	20	815	701	4.5	4	3.5
	25	794	683	4.3	3.8	3.4
-20	30	770	662	4	3.6	3.1
	35	740	636	3.8	3.4	3
	40	705	606	3.5	3.1	2.7
	45	664	571	3.1	2.8	2.4
	20	658	566	3.1	2.8	2.4
	25	641	551	2.9	2.6	2.3
-25	30	620	533	2.8	2.5	2.2
	35	593	510	2.6	2.3	2
	40	561	482	2.3	2	1.8
	45	523	450	2.1	1.9	1.6

Calculation of the refrigerating power and volume

Ta °C

Tc °C

PF Watt

Kcal/h

V120 m³

V100 m³

V80 m³

* When normally running: -20 ÷ +30°C

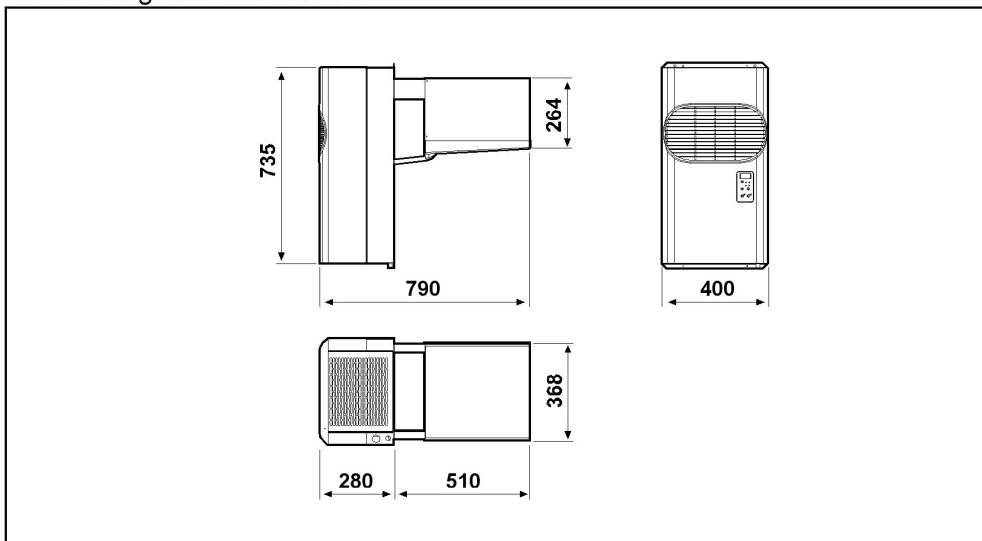
** Use air throw as a base. Air throw is affected by many factors such as height of room, product storage, location of evaporator, etc.

Tc: Coldroom temp. - Ta: External temp.

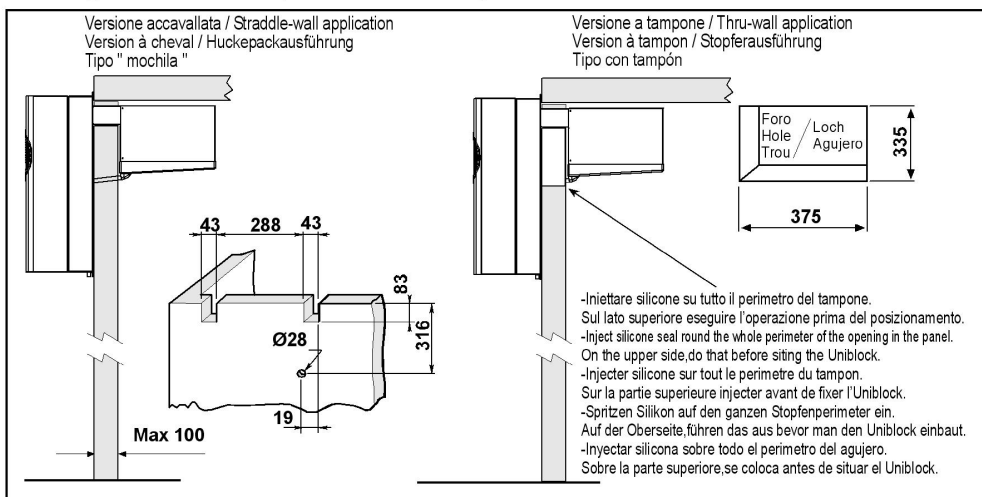
P: Refrigerant capacity - V: Recommended cold-room volume

Dimensioni - Dimensions - Dimensions
Abmessungen - Dimensiones

GM1

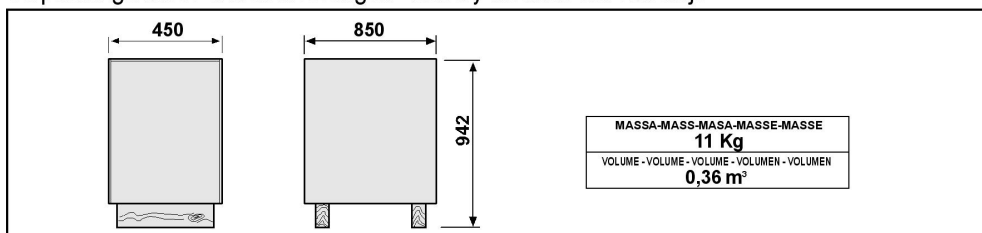


Schema di montaggio - Mounting scheme - Schema de montage
Montageschema - Esquema de montaje



- * 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.