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Technical specifications

Version 1.48

Model: **BGS117DA11XX** Class: **Uniblock GS**

Technical data

Characteristics	M.U.	Value
Working temperature	°C	-15 + -25
Starting mode		Direct
Voltage	Volt-Ph-Hz	230/1/50
Rated input	kW*	1,00
Rated input	Amp*	5,90
Peak current	Amp	43,0
Max current	Amp	11,2
Refrigerant		R452A
	GWP	2140
Defrost		Electric
Defrost heaters	watt	450
Condensing unit mass	Kg	54
Evaporator mass	Kg	13



Power data

Tc °C	Ta °C	P watt	P Kcal/h	V120 m³	V100 m³	V80 m³	
20	15	1513	1301	13	12	10	
	25	1429	1229	12	11	9,4	
	-15	30	1341	1153	10	8,9	7,8
	35	1251	1076	9,2	8,2	7,2	
	40	1158	996	8,1	7,2	6,3	
45	1066	917	7,1	6,3	5,5		
	20	1297	1115	9,8	8,7	7,6	
	25	1224	1053	8,9	7,9	6,9	
	-20	30	1155	993	8,1	7,2	6,3
	35	1081	930	7,2	6,4	5,6	
40	993	854	6,3	5,6	4,9		
	45	881	758	5,1	4,5	4	
	20	1090	937	7,3	6,5	5,7	
	25	1016	874	6,5	5,8	5,1	
	-25	30	943	811	5,7	5,1	4,4
35	871	749	5	4,4	3,9		
	40	798	686	4,3	3,8	3,4	
	45	725	624	3,6	3,2	2,8	

Calculation of the refrigerating power and volume

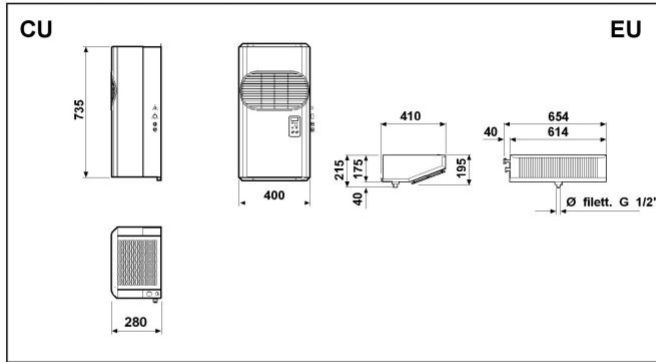
Ta	30,0 °C
Tc	-22,0 °C
PF	1 073 Watt
	923 Kcal/h
V120	7,1 m³
V100	6,3 m³
V80	5,5 m³

* When normally running: -20 + +30°C

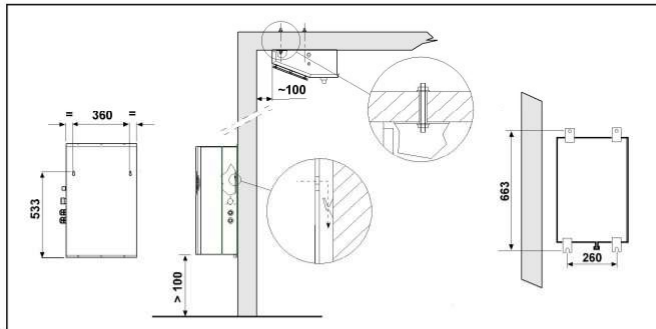
** Use air throw as a base. Air throw is affected by many factors such as height of room, product storage, location of evaporator, etc.

Tc: Coldroom temp. - Ta: External temp.

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



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

