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Technical specifications

Version 2.2

Model: **MSB315EB11XX** Class: **SB**

Technical data

Characteristics	M.U.	Value
Working temperature	°C	+10 ÷ -5
Starting mode		Direct
Voltage	Volt-Ph-Hz	400/3N~/50
Rated input	kW*	2.00
Rated input	Amp*	4.80
Peak current	Amp	34.0
Max current	Amp	10.6
Refrigerant		R134a
	GWP	1430
Defrost		Hot gas
Mass	Kg	93

Compressor

Type		Hermetic
Nominal power	kW	2.2

Condenser

Air flow	m³/h	1500
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Evaporator

Air flow	m³/h	2300
Air throw	m**	10

PED Category		0
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Power data

Tc °C	Ta °C	P watt	P Kcal/h	V100 m³	V80 m³	V60 m³
	20	5022	4319	62	56	51
	25	4825	4150	58	53	48
10	30	4587	3945	55	50	46
	35	4324	3719	50	46	42
	40	4052	3485	46	42	38
	45	3787	3257	42	38	35
	20	4330	3724	51	46	42
	25	4118	3541	47	43	39
5	30	3897	3351	44	40	37
	35	3679	3164	40	36	33
	40	3479	2992	37	34	31
	45	3308	2845	34	31	28
	20	3632	3124	40	36	33
	25	3461	2976	37	34	31
0	30	3282	2823	34	31	28
	35	3100	2666	31	28	26
	40	2920	2511	28	25	23
	45	2746	2362	26	24	22
	20	3035	2610	30	27	25
	25	2840	2442	27	25	22
-5	30	2684	2308	25	23	21
	35	2540	2184	23	21	19
	40	2381	2048	20	18	17
	45	2178	1873	18	16	15

Calculation of the refrigerating power and volume

Ta
 °C

Tc
 °C

PF
 Watt

Kcal/h

V100
 m³

V80
 m³

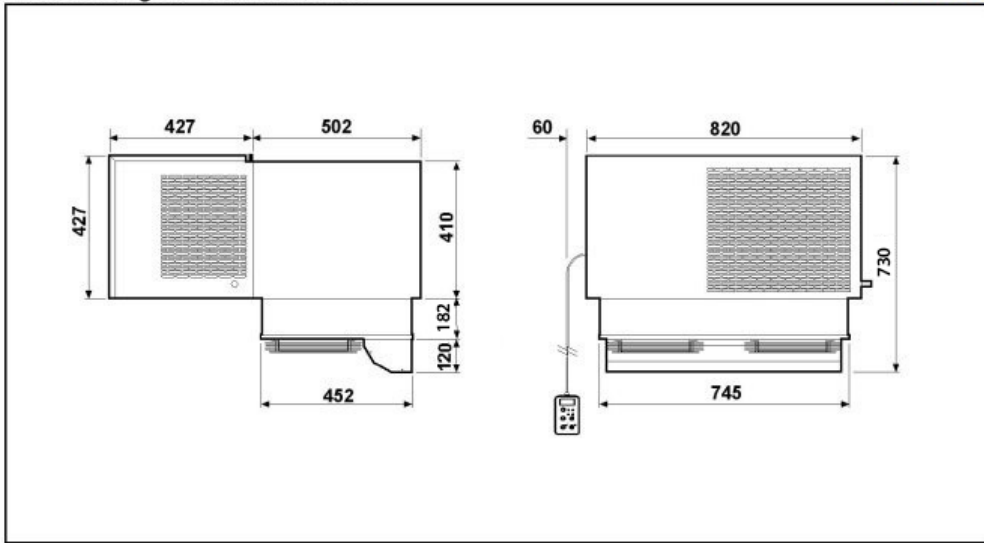
V60
 m³

* When normally running: 0 ÷ +30°C

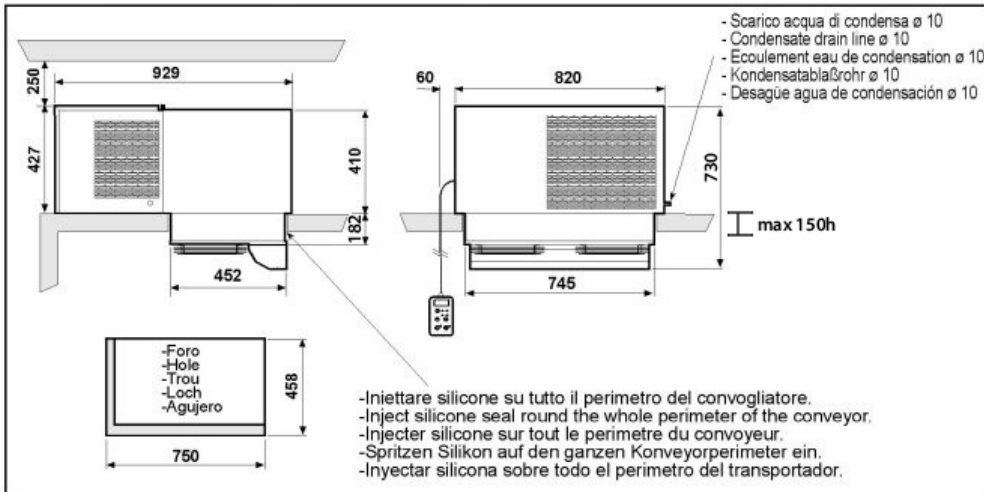
** Use air throw as a base. Air throw is affected by many factors such as height of room, product storage, location of evaporator, etc.

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

