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# Technical specifications

Version 2.2

Model: **MSB320EB11XX** 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*	2.30
Rated input	Amp*	5.30
Peak current	Amp	42.0
Max current	Amp	11.6
Refrigerant		R134a
	GWP	1430
Defrost		Hot gas
Mass	Kg	93

## Compressor

Type		Hermetic
Nominal power	kW	2.6

## 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	5244	4510	65	59	54
	25	5065	4356	62	56	51
10	30	4851	4172	59	54	49
	35	4607	3962	55	50	46
	40	4336	3729	50	46	42
	45	4044	3478	46	42	38
	20	4581	3940	55	50	46
	25	4372	3760	51	46	42
5	30	4157	3575	48	44	40
	35	3947	3394	44	40	37
	40	3756	3230	41	37	34
	45	3594	3091	39	35	32
	20	3979	3422	45	41	37
	25	3741	3217	41	37	34
0	30	3550	3053	38	35	32
	35	3383	2909	36	33	30
	40	3213	2763	33	30	27
	45	3018	2595	30	27	25
	20	3316	2852	35	32	29
	25	3115	2679	32	29	27
-5	30	2962	2547	29	26	24
	35	2823	2428	27	25	22
	40	2666	2293	24	22	20
	45	2455	2111	21	19	17

## Calculation of the refrigerating power and volume

Ta  
 °C

Tc  
 °C

PF  
 Watt

Kcal/h

V100  
 m³

V80  
 m³

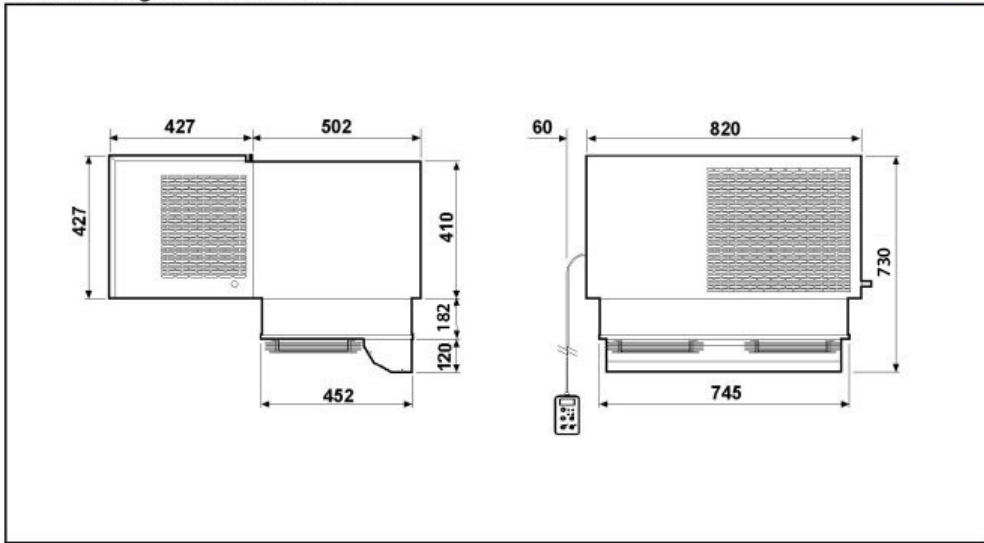
V60  
 m³

\* When normally running: 0 ÷ +30°C

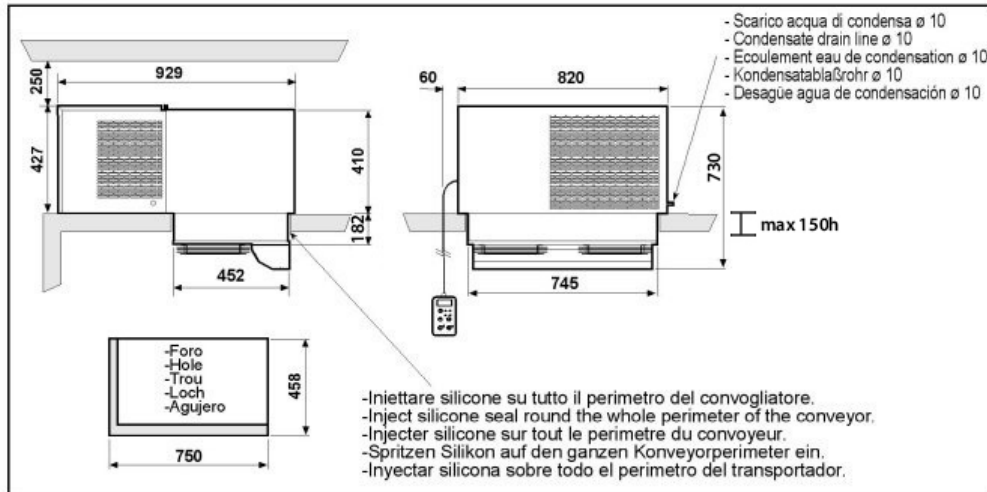
\*\* Use air throw as a base. Air throw is affected by many factors such as height of room, product storage, location of evaporator, etc.

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

