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# Technical specifications

Version 2.2

Model: **BSB440DB11XX** Class: **SB**

## Technical data

Characteristics	M.U.	Value
Working temperature	°C	-15 ÷ -25
Starting mode		Direct
Voltage	Volt-Ph-Hz	400/3N~/50
Rated input	kW*	2.30
Rated input	Amp*	5.40
Peak current	Amp	35.4
Max current	Amp	11.8
Refrigerant		R452A
	GWP	2140
Defrost		Hot gas
Mass	Kg	120

## Compressor

Type		Hermetic
Nominal power	kW	2.6

## Condenser

Air flow	m³/h	3150
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## Evaporator

Air flow	m³/h	2300
Air throw	m**	10

PED Category		2
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## Power data

Tc °C	Ta °C	P watt	P Kcal/h	V120 m³	V100 m³	V80 m³
	20	4383	3769	61	54	48
	25	4089	3517	55	49	43
-15	30	3777	3248	48	43	37
	35	3462	2977	42	37	33
	40	3154	2712	35	31	27
	45	2869	2467	29	26	23
	20	3595	3092	45	40	35
	25	3349	2880	39	35	30
-20	30	3097	2663	34	30	27
	35	2838	2441	29	26	23
	40	2570	2210	24	21	19
	45	2292	1971	18	16	14
	20	2912	2504	31	28	24
	25	2724	2343	27	24	21
-25	30	2534	2179	23	20	18
	35	2330	2004	19	17	15
	40	2101	1807	17	15	13
	45	1834	1577	13	12	10

## 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

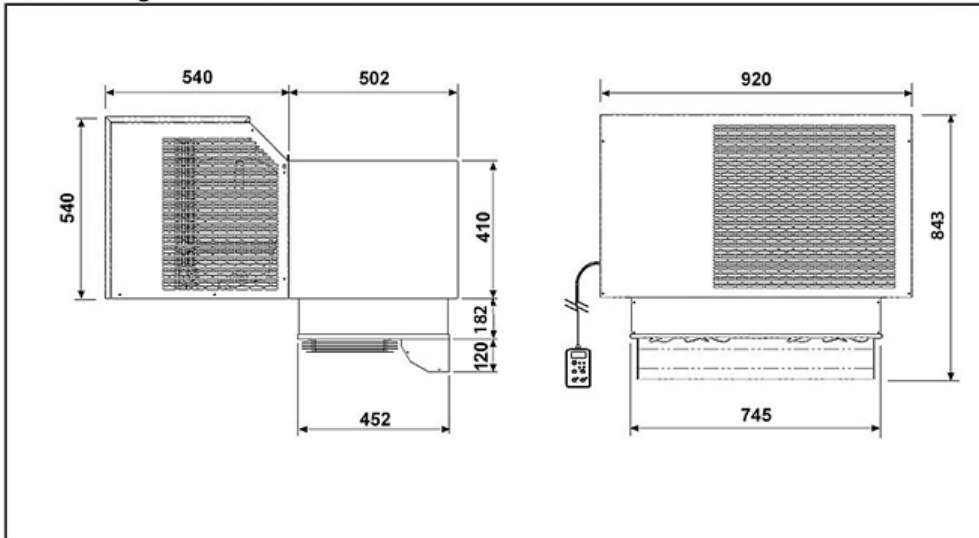
\*\* Use air throw as a base. Air throw is affected by many factors such as height of room, product storage, location of evaporator, etc.

Tc: Coldroom temp. - Ta: External temp.

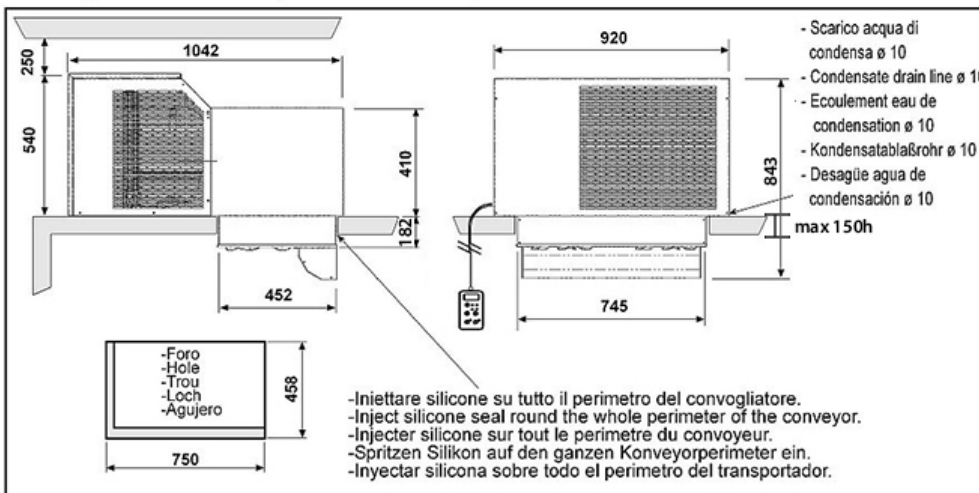
P: Refrigerant capacity - V: Recommended cold-room volume

Dimensioni - Dimensions - Dimensions  
Abmessungen - Dimensiones

**SB4**

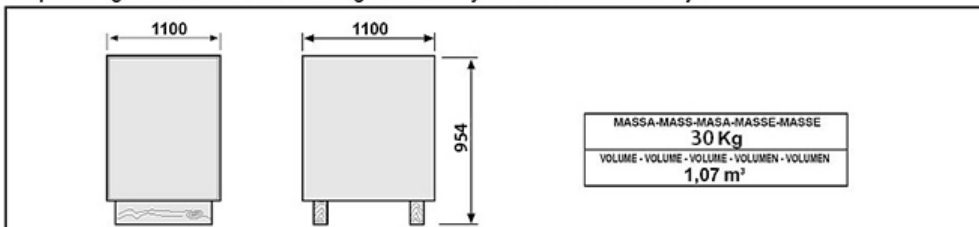


Schema di montaggio - Mounting scheme - Schema de montage  
Montageschema - Esquema de montaje



- \* 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.**