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Technical specifications

Version 2.2

Model: **MSB425EB11XX** 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* | 2.60 |
| Rated input | Amp* | 6.00 |
| Peak current | Amp | 52.0 |
| Max current | Amp | 13.2 |
| Refrigerant | | R134a |
| | GWP | 1430 |
| Defrost | | Hot gas |
| Mass | Kg | 110 |

Compressor

| | | |
|---------------|----|----------|
| Type | | Hermetic |
| Nominal power | kW | 2.9 |

Condenser

| | | |
|----------|------|------|
| Air flow | m³/h | 3100 |
|----------|------|------|

Evaporator

| | | |
|-----------|------|------|
| Air flow | m³/h | 2300 |
| Air throw | m** | 10 |

| | | |
|--------------|--|---|
| PED Category | | 0 |
|--------------|--|---|



Power data

| Tc °C | Ta °C | P watt | P Kcal/h | V100 m³ | V80 m³ | V60 m³ |
|----------|----------|-----------|-------------|------------|-----------|-----------|
| | 20 | 6073 | 5223 | 79 | 72 | 66 |
| | 25 | 5885 | 5061 | 75 | 68 | 62 |
| 10 | 30 | 5607 | 4822 | 71 | 65 | 59 |
| | 35 | 5265 | 4528 | 65 | 59 | 54 |
| | 40 | 4889 | 4205 | 59 | 54 | 49 |
| | 20 | 5326 | 4580 | 66 | 60 | 55 |
| | 25 | 4926 | 4236 | 60 | 55 | 50 |
| 5 | 30 | 4612 | 3966 | 55 | 50 | 46 |
| | 35 | 4348 | 3739 | 51 | 46 | 42 |
| | 40 | 4098 | 3524 | 47 | 43 | 39 |
| | 20 | 4504 | 3873 | 53 | 48 | 44 |
| | 25 | 4081 | 3510 | 47 | 43 | 39 |
| 0 | 30 | 3774 | 3246 | 42 | 38 | 35 |
| | 35 | 3526 | 3032 | 38 | 35 | 32 |
| | 40 | 3285 | 2825 | 34 | 31 | 28 |
| | 20 | 3686 | 3170 | 40 | 36 | 33 |
| | 25 | 3336 | 2869 | 35 | 32 | 29 |
| -5 | 30 | 3043 | 2617 | 30 | 27 | 25 |
| | 35 | 2799 | 2407 | 27 | 25 | 22 |
| | 40 | 2597 | 2233 | 23 | 21 | 19 |

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

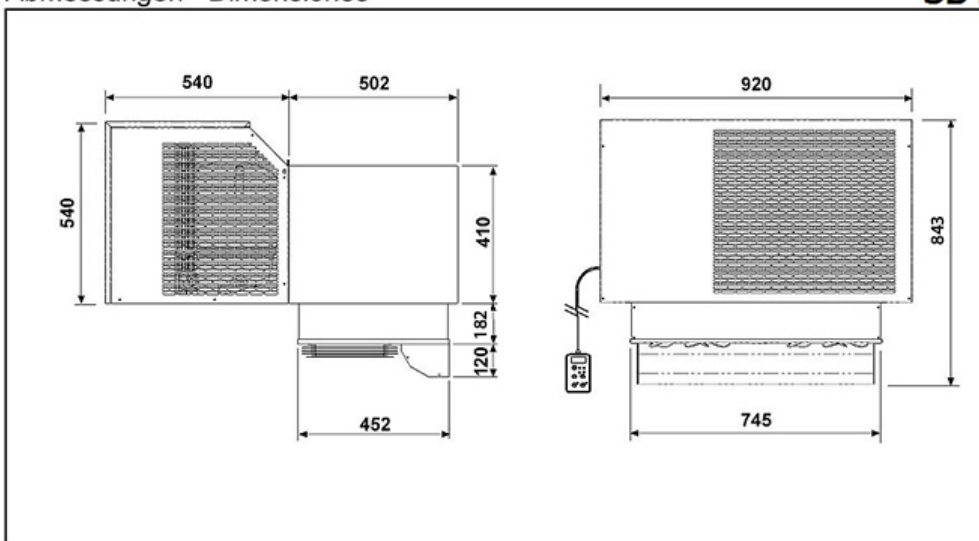
** Use air throw as a base. Air throw is affected by many factors such as height of room, product storage, location of evaporator, etc.

Tc: Coldroom temp. - Ta: External temp.

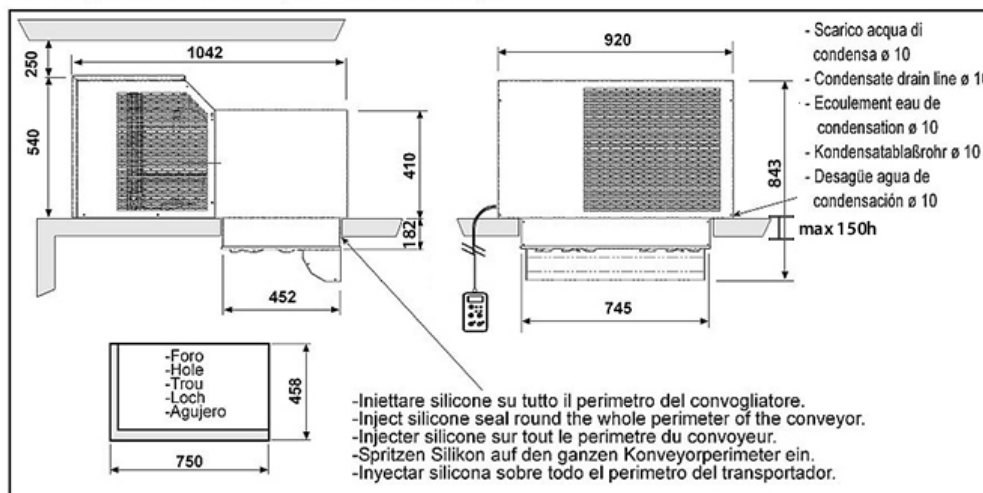
P: Refrigerant capacity - V: Recommended cold-room volume

Dimensioni - Dimensions - Dimensions
Abmessungen - Dimensiones

SB4

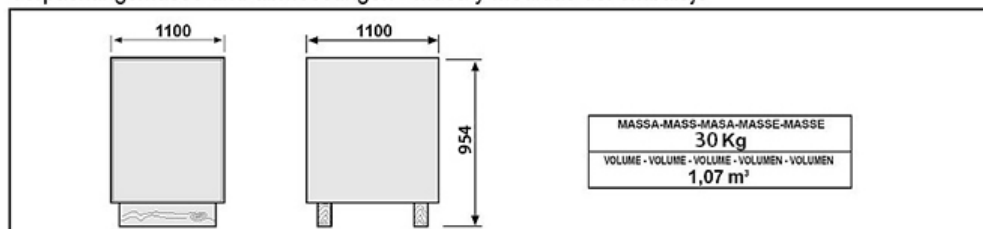


Schema di montaggio - Mounting scheme - Schema de montage
Montageschema - Esquema de montaje



- * 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.