



ZANOTTI Spa
 Via M.L. King, 30
 46020 - Pegognaga (MN) - ITALY
 Tel. +39 0376 5551
 Fax +39 0376 536554
 info@zanotti.com

Technical specifications

Version 2.2

Model: **BSB330DB11XX** 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* | 2.00 |
| Rated input | Amp* | 4.70 |
| Peak current | Amp | 32.0 |
| Max current | Amp | 8.8 |
| Refrigerant | | R452A |
| | GWP | 2140 |
| Defrost | | Hot gas |
| Mass | Kg | 102 |

Compressor

| | | |
|---------------|----|----------|
| Type | | Hermetic |
| Nominal power | kW | 2.2 |

Condenser

| | | |
|----------|------|------|
| Air flow | m³/h | 1500 |
|----------|------|------|

Evaporator

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

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



Power data

| Tc °C | Ta °C | P watt | P Kcal/h | V120 m³ | V100 m³ | V80 m³ |
|----------|----------|-----------|-------------|------------|------------|-----------|
| | 20 | 3504 | 3013 | 43 | 38 | 34 |
| | 25 | 3292 | 2831 | 38 | 34 | 30 |
| -15 | 30 | 3077 | 2646 | 34 | 30 | 27 |
| | 35 | 2856 | 2456 | 29 | 26 | 23 |
| | 40 | 2627 | 2259 | 25 | 22 | 20 |
| | 45 | 2388 | 2054 | 20 | 18 | 16 |
| | 20 | 3011 | 2589 | 33 | 29 | 26 |
| | 25 | 2808 | 2415 | 29 | 26 | 23 |
| -20 | 30 | 2596 | 2233 | 25 | 22 | 20 |
| | 35 | 2385 | 2051 | 20 | 18 | 16 |
| | 40 | 2190 | 1883 | 18 | 16 | 14 |
| | 45 | 2022 | 1739 | 16 | 14 | 12 |
| | 20 | 2452 | 2109 | 22 | 20 | 17 |
| | 25 | 2275 | 1956 | 19 | 17 | 15 |
| -25 | 30 | 2108 | 1813 | 17 | 15 | 13 |
| | 35 | 1947 | 1674 | 15 | 13 | 12 |
| | 40 | 1788 | 1538 | 12 | 11 | 9.4 |
| | 45 | 1629 | 1401 | 10 | 8.9 | 7.8 |

Calculation of the refrigerating power and volume

Ta
 °C

Tc
 °C

PF
 Watt

Kcal/h

V120
 m³

V100
 m³

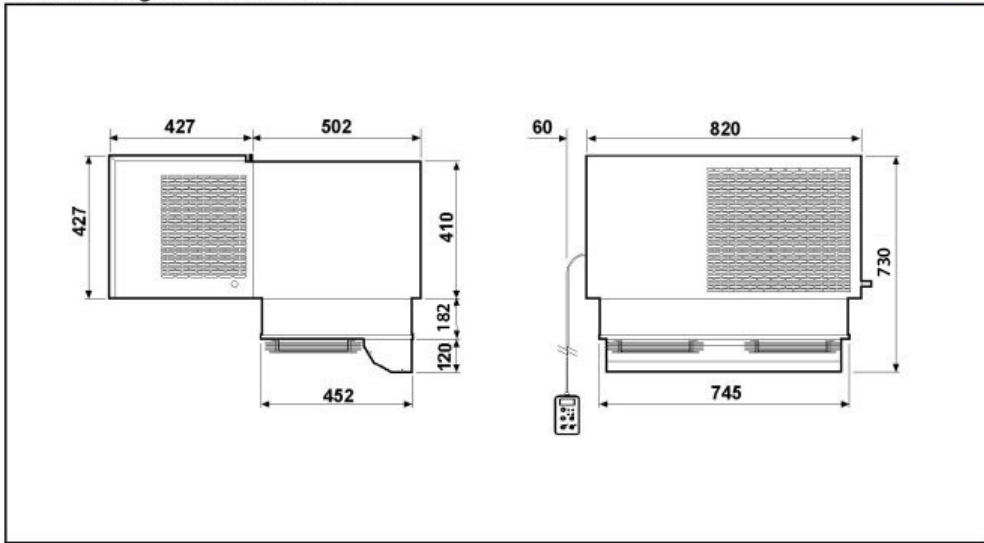
V80
 m³

* When normally running: -20 ÷ +30°C

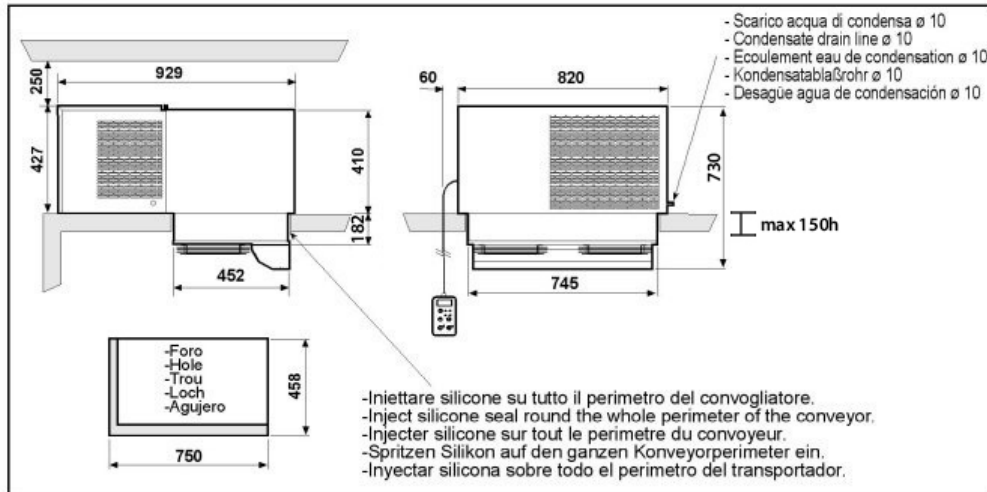
** Use air throw as a base. Air throw is affected by many factors such as height of room, product storage, location of evaporator, etc.

Tc: Coldroom temp. - Ta: External temp.

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



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

