



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 1.35

Model:

Class:

MDB351TD01F

Uniblock DB-D

Technical data

| Characteristics | M.U. | Value |
|----------------------|------------|------------|
| Working temperature | °C | +10 ÷ -5 |
| Starting mode | | PW |
| Voltage | Volt-Ph-Hz | 400/3N~/50 |
| Rated input | kW* | 21,90 |
| Rated input | Amp* | 47,60 |
| Peak current | Amp | 161,0 |
| Max current | Amp | 63,4 |
| Refrigerant | | R404A |
| Defrost | | Electric |
| Defrost heaters | watt | 22500 |
| Condensing unit mass | Kg | 830 |
| Evaporator mass | Kg | 400 |

Compressor

| | | |
|---------------|----|--------------|
| Type | | Semihermetic |
| Nominal power | kW | 22 |

Condenser

| | | |
|----------|------|-------|
| Air flow | m³/h | 20500 |
|----------|------|-------|

Evaporator

| | | |
|-----------|------|-------|
| Air flow | m³/h | 19600 |
| Air throw | m** | 40 |

| | | |
|--------------------------|----|--------|
| Standard liquid receiver | lt | 2 x 20 |
|--------------------------|----|--------|

| | | |
|--------------|--|---|
| PED Category | | 2 |
|--------------|--|---|



Power data

| Tc °C | Ta °C | P watt | P Kcal/h | V100 m³ | V80 m³ | V60 m³ |
|-------|-------|--------|----------|---------|--------|--------|
| 10 | 20 | 59040 | 50774 | 1446 | 1316 | 1200 |
| | 25 | 56037 | 48192 | 1367 | 1244 | 1135 |
| | 30 | 52876 | 45473 | 1283 | 1168 | 1065 |
| | 35 | 49543 | 42607 | 1196 | 1088 | 993 |
| | 40 | 46024 | 39581 | 1104 | 1005 | 916 |
| 5 | 45 | 42303 | 36381 | 1007 | 916 | 836 |
| | 20 | 53482 | 45995 | 1299 | 1182 | 1078 |
| | 25 | 50753 | 43648 | 1228 | 1117 | 1019 |
| | 30 | 47879 | 41176 | 1152 | 1048 | 956 |
| | 35 | 44850 | 38571 | 1073 | 976 | 891 |
| 0 | 40 | 41651 | 35820 | 990 | 901 | 822 |
| | 45 | 38269 | 32911 | 902 | 821 | 749 |
| | 20 | 47924 | 41215 | 1154 | 1050 | 958 |
| | 25 | 45469 | 39103 | 1089 | 991 | 904 |
| | 30 | 42883 | 36879 | 1022 | 930 | 848 |
| -5 | 35 | 40157 | 34535 | 951 | 865 | 789 |
| | 40 | 37279 | 32060 | 877 | 798 | 728 |
| | 45 | 34236 | 29443 | 798 | 726 | 662 |
| | 20 | 42367 | 36436 | 1009 | 918 | 837 |
| | 25 | 40184 | 34558 | 952 | 866 | 790 |
| -5 | 30 | 37887 | 32583 | 892 | 812 | 740 |
| | 35 | 35464 | 30499 | 830 | 755 | 689 |
| | 40 | 32907 | 28300 | 764 | 695 | 634 |
| | 45 | 30203 | 25975 | 694 | 632 | 576 |

* 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.

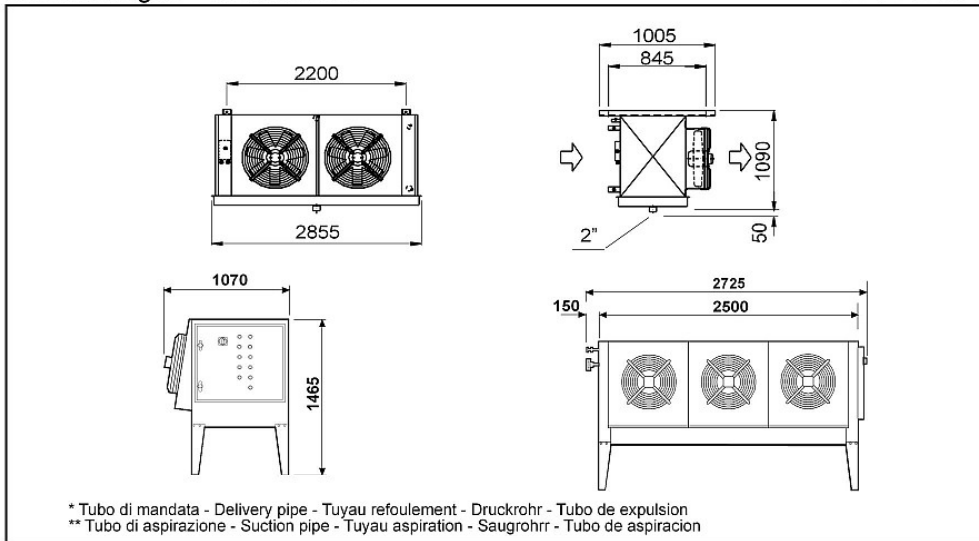
§ Liquid receiver: remote type

Tc: Coldroom temp. - Ta: External temp.

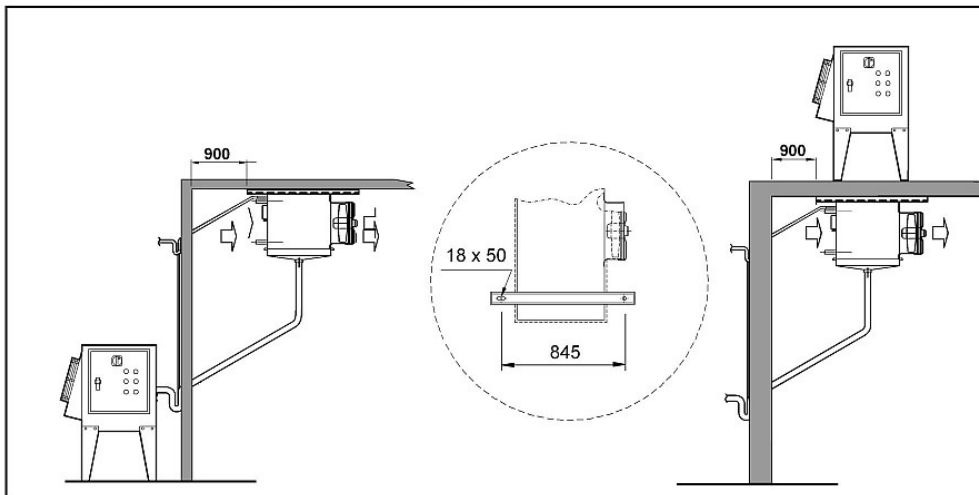
P: Refrigerant capacity - V: Recommended cold-room volume

Dimensioni - Dimensions - Dimensions
Abmessungen - Dimensiones

DB351

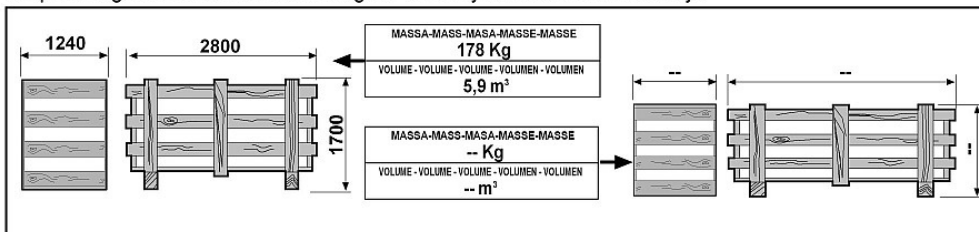


Schema di montaggio - Mounting scheme - Schema de montage
Montageschema - Esquema de montaje



- * 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.