

MONOBLOCCHI A CAPACITÀ VARIABILE PER CELLE FRIGORIFERE VARIABLE SPEED PACKAGED UNITS FOR COLD ROOMS

INSTALLAZIONE A PARETE - TAMPONE E ACCAVALLATO
WALL MOUNT INSTALLATION - PLUG-IN AND SADDLE MOUNT



BE BEST VS



GREEN SOLUTIONS



REFRIGERANTE
NATURALE
NATURAL
REFRIGERANT



RISPARMIO
ENERGETICO
ENERGY
SAVING



BASSA
RUMOROSITÀ
LOW
NOISE



COMPRESSORE
ERMETICO
HERMETIC
COMPRESSOR



EASY
FIX
EASY
FIX



RESA
VARIABILE
VARIABLE
CAPACITY



ELETRONICA
RIV-OLUTION
RIV-OLUTION
ELECTRONICS



CONTROLLO
REMOTO VIA APP
REMOTE CONTROL
BY APP

| | R290 | HBP / MBP / LBP |
|---|------|---|
| CAMPO DI ESERCIZIO (Tc) OPERATING RANGE (Tc) | | +15°C ÷ -25°C |
| SPOSTAMENTO VOLUME COMPRESSORE COMPRESSOR DISPLACEMENT | | 12.6 ÷ 2 x 12.6 CC |
| VOLUME CELLA COLD ROOM VOLUME | | min 4.3 / max 9.7 ÷ min 90.5 / max 164 m³ |

CARATTERISTICHE GENERALI

Rivacold sceglie la tecnologia più all'avanguardia nel suo prodotto storico: il Blocksystem diventa BEST. Un grande lavoro di design industriale, una rivoluzionaria elettronica e un sistema di connettività integrato rendono questo nuovo monoblocco a propano (R290) per parete esteticamente accattivante, funzionale e "digital". Il circuito termodinamico, completamente rivisto con l'inserimento della valvola termostatica e la riduzione del diametro dei tubi, coniuga estrema affidabilità e alte prestazioni.

La nuova elettronica RIV-OLUTION e il nuovo software sviluppato internamente, con la funzione SMART DEFROST, garantiscono massima precisione e stabilità nella regolazione della temperatura e un significativo risparmio energetico. Il tutto, con una grande attenzione all'ambiente, alla riduzione delle emissioni di CO₂ e all'ottimizzazione di un circuito limitato a 150 grammi di carica di refrigerante.

GENERAL FEATURES

Rivacold chooses the most cutting-edge technology on its historical product: the Blocksystem becomes BEST. A great industrial design, a revolutionary electronics and an integrated connectivity system make this new propane (R290) wall-mount packaged system, aesthetically appealing, functional and digitally innovative. The thermodynamic circuit, completely reviewed by fitting the thermostatic valve and by reducing the pipes diameter, matches an extreme reliability and high performance. The new electronics RIV-OLUTION and the new internally developed software, with the SMART DEFROST function, grant the maximum precision and stability in the temperature regulation and a significant energy saving. The entire project has been designed with a great attention to the environment, the reduction of CO₂ emissions and a circuit optimized with 150g of refrigerant charge.



| R290 | POWER SUPPLY | COMPRESSOR | | PED | EXPANSION | DEFROST | ABSORPTION | | INDUSTRIAL PLUG (2P+E) | CONDENSER | | EVAPORATOR | | | NET WEIGHT | | CARICA GAS X CIRCUITO | REFERENCE | | |
|-------------------|--------------|-----------------|------|-----|-----------|---------|------------|-----|------------------------|-----------|------|------------|-------------------|---------|-------------------|------|-----------------------|-----------|----|----|
| | | cm ³ | type | | | | CAT | W | | A | A | No. x Ø | m ³ /h | No. x Ø | m ³ /h | f(m) | | | WS | WT |
| | | | | | | | | | | | | | | | | | | | Kg | |
| BEWS/WT301VA10P21 | 230/1/50 | 1x12.6 | E | 0 | EEV | G | 800 | 4.7 | 16 | 1x300 | 1200 | 2x200 | 1000 | 6.5 | 60 | 62 | 0.15 | W30 | | |
| BEWS/WT352VA20P21 | 230/1/50 | 2x12.6 | E | 0 | EEV | G | 1700 | 9.5 | 16 | 1x350 | 2540 | 1x350 | 2740 | 8 | 93 | 96 | 0.15 | W35 | | |

TABELLA RESE R290 HBP/MBP/LBP - R290 HBP/MBP/LBP PERFORMANCE TABLE



| R290 | | Capacity Ta = 25°C | | | | | | | | | | | | | | | | | |
|-------------------|-----|--------------------|----------------|----------|----------------|-------|----------------|--------|----------------|---------|----------------|----------|----------------|----------|----------------|----------|----------------|----------|----------------|
| CODE | | Tc +15°C | | Tc +10°C | | Tc +5 | | Tc 0°C | | Tc -5°C | | Tc -10°C | | Tc -15°C | | Tc -20°C | | Tc -25°C | |
| | | W | m ³ | W | m ³ | W | m ³ | W | m ³ | W | m ³ | W | m ³ | W | m ³ | W | m ³ | W | m ³ |
| BEWS/WT301VA10P21 | MIN | 1544 | 58 | 1353 | 33.5 | 1176 | 20.1 | 1012 | 11.7 | 862 | 53.2 | 726 | 28.6 | 605 | 15.9 | 498 | 9 | 406 | 5.6 |
| | MAX | 2623 | 105 | 2330 | 63.1 | 2052 | 39.6 | 1791 | 25.7 | 1547 | 111 | 1324 | 62.5 | 1120 | 37.3 | 938 | 22.8 | 779 | 13.2 |
| BEWS/WT352VA20P21 | MIN | 2992 | 121 | 2624 | 72.2 | 2281 | 44.9 | 1964 | 28.8 | 1672 | 62.4 | 1408 | 33.6 | 1170 | 18.8 | 961 | 10.1 | 780 | 6.3 |
| | MAX | 5024 | 212 | 4472 | 130 | 3947 | 84.6 | 3452 | 56.7 | 2990 | 140 | 2562 | 79.4 | 2171 | 47.3 | 1820 | 28.9 | 1511 | 17.7 |

| R290 | | Capacity Ta = 32°C | | | | | | | | | | | | | | | | | |
|-------------------|-----|--------------------|----------------|----------|----------------|-------|----------------|--------|----------------|---------|----------------|----------|----------------|----------|----------------|----------|----------------|----------|----------------|
| CODE | | Tc +15°C | | Tc +10°C | | Tc +5 | | Tc 0°C | | Tc -5°C | | Tc -10°C | | Tc -15°C | | Tc -20°C | | Tc -25°C | |
| | | W | m ³ | W | m ³ | W | m ³ | W | m ³ | W | m ³ | W | m ³ | W | m ³ | W | m ³ | W | m ³ |
| BEWS/WT301VA10P21 | MIN | 1442 | 40.5 | 1265 | 23.1 | 1100 | 13.2 | 949 | 8.3 | 810 | 33.9 | 685 | 19.1 | 572 | 10.2 | 474 | 6.6 | 389 | 4.3 |
| | MAX | 2443 | 76.7 | 2172 | 45.9 | 1916 | 29 | 1674 | 18.9 | 1450 | 74.9 | 1243 | 43.9 | 1055 | 26.7 | 887 | 16.3 | 740 | 9.7 |
| BEWS/WT352VA20P21 | MIN | 2802 | 90.5 | 2459 | 53.4 | 2140 | 33.4 | 1845 | 21.5 | 1575 | 39.7 | 1329 | 22.3 | 1110 | 11.6 | 916 | 7.4 | 750 | 4.7 |
| | MAX | 4701 | 164 | 4187 | 101 | 3699 | 65.7 | 3239 | 44.1 | 2809 | 94.7 | 2412 | 55.6 | 2049 | 33.9 | 1724 | 20.9 | 1438 | 11.7 |

| R290 | | Capacity Ta = 38°C | | | | | | | | | | | | | | | | | |
|-------------------|-----|--------------------|----------------|----------|----------------|-------|----------------|--------|----------------|---------|----------------|----------|----------------|----------|----------------|----------|----------------|----------|----------------|
| CODE | | Tc +15°C | | Tc +10°C | | Tc +5 | | Tc 0°C | | Tc -5°C | | Tc -10°C | | Tc -15°C | | Tc -20°C | | Tc -25°C | |
| | | W | m ³ | W | m ³ | W | m ³ | W | m ³ | W | m ³ | W | m ³ | W | m ³ | W | m ³ | W | m ³ |
| BEWS/WT301VA10P21 | MIN | 1182 | 27.4 | 1042 | 15.4 | 911 | 9 | 789 | 6 | 678 | 8 | 576 | 5 | 485 | 3.2 | 404 | 2.1 | 334 | 1.3 |
| | MAX | 2282 | 55.1 | 2030 | 33.4 | 1790 | 21.2 | 1565 | 12.7 | 1355 | 22.8 | 1162 | 11.9 | 986 | 7.8 | 829 | 5.1 | 691 | 3.4 |
| BEWS/WT352VA20P21 | MIN | 2625 | 65.9 | 2303 | 39.6 | 2004 | 24.7 | 1727 | 15.4 | 1474 | 26.3 | 1245 | 14.1 | 1039 | 8.4 | 859 | 5.4 | 703 | 3.5 |
| | MAX | 4407 | 124 | 3924 | 77.9 | 3467 | 51.1 | 3035 | 34.3 | 2631 | 65.7 | 2258 | 39.5 | 1918 | 24.3 | 1612 | 14.2 | 1343 | 8.8 |

| R290 | | Capacity Ta = 43°C | | | | | | | | | | | | | | | | | |
|-------------------|-----|--------------------|----------------|----------|----------------|-------|----------------|--------|----------------|---------|----------------|----------|----------------|----------|----------------|----------|----------------|----------|----------------|
| CODE | | Tc +15°C | | Tc +10°C | | Tc +5 | | Tc 0°C | | Tc -5°C | | Tc -10°C | | Tc -15°C | | Tc -20°C | | Tc -25°C | |
| | | W | m ³ | W | m ³ | W | m ³ | W | m ³ | W | m ³ | W | m ³ | W | m ³ | W | m ³ | W | m ³ |
| BEWS/WT301VA10P21 | MIN | - | - | 1110 | 10.1 | 965 | 6.7 | 832 | 4.5 | 710 | 14.7 | 600 | 8.6 | 502 | 5.7 | 415 | 3.7 | 340 | 2.5 |
| | MAX | - | - | 1909 | 24.7 | 1684 | 15.2 | 1471 | 9.5 | 1273 | 37.7 | 1090 | 23 | 924 | 12.8 | 775 | 8.4 | 644 | 5.7 |
| BEWS/WT352VA20P21 | MIN | - | - | 2167 | 29.5 | 1884 | 18.6 | 1623 | 10.7 | 1384 | 18.1 | 1167 | 9.7 | 973 | 6.3 | 803 | 4.1 | 655 | 2.7 |
| | MAX | - | - | 3701 | 61.2 | 3267 | 40.1 | 2858 | 26.8 | 2475 | 47.6 | 2121 | 29 | 1798 | 17.9 | 1507 | 10.1 | 1251 | 6.8 |

NUOVI RIFERIMENTI PER CALCOLO RESE - Polinomiali dei compressori secondo EN12900. Temperatura ambiente come definite da EN13215:2016

NEW REFERENCE FOR PERFORMANCE DATA - Compressor polynomials are in accordance with EN12900. Ambient temperature in compliance with EN 13215:2016

NEUE BEDINGUNGEN FÜR DIE BERECHNUNG DER KÄLTELEISTUNG: Polynome der Verdichter gemäß EN12900. Umgebungstemperatur gemäß EN13215:2016

NOUVELLES RÉFÉRENCES POUR LE CALCUL DU RENDEMENT: Polynômes de compresseurs selon EN12900. Température ambiante telle que définie par EN13215: 2016

NUEVAS REFERENCIAS PARA EL CÁLCULO DE RENDIMIENTO: Polinomios de compresor según EN12900. Temperatura ambiente según lo definido por EN13215: 2016

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