MONOBLOCCHI PER CELLE FRIGORIFERE
PACKAGED UNITS FOR COLD ROOMS

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

BE BEST

CELLE FRIGORIFERE
COLD ROOMS

GREEN SOLUTIONS

- REFRIGERANTE NATURALE / NATURAL REFRIGERANT
- RISPARMIO ENERGETICO / ENERGY SAVING
- BASSA RUMOROSITÀ / LOW NOISE
- COMPRESSORE ERMETICO / HERMETIC COMPRESSOR
- EASY FIX / EASY FIX
- ELETTRONICA RIV-OLUTION / RIV-OLUTION ELECTRONICS
- CONTROLLO REMOTO VIA APP / REMOTE CONTROL BY APP

R290	MBP / HBP	LBP
CAMPO DI ESERCIZIO (Tc) OPERATING RANGE (Tc)	-5°C ÷ +15°C	-25°C ÷ -10°C
SPOSTAMENTO VOLUME COMPRESSORE COMPRESSOR DISPLACEMENT	6.9 - 2 x 27.8 CC	18.7 - 2 x 33.4 CC
VOLUME CELLA* COLD ROOM VOLUME	3.3 ÷ 196 m^3	3.3 ÷ 84.4 m^3

* Ta: 32°C

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 CO_2 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 thermodinamic 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 developped 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 CO_2 emissions and a circuit optimazed with 150g of refrigerant charge.

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RIVACOLD
MASTERING COLD

DATI TECNICI MODELLI HBP/MBP - HBP/MBP MODELS TECHNICAL DATA

R290	POWER SUPPLY	COMPRESSOR		PED	EXPANSION	DEFROST	ABSORPTION*		INDUSTRIAL PLUG (2P+E)	CONDENSER		EVAPORATOR			NET WEIGHT		DRAWING REFERENCE
		cm³	type	CAT			W	A	A	No. x Ø	m³/h	No. x Ø	m³/h	f(m)	WS Kg	WT Kg	
BEWS/WT251MA05P11	230/1/50	6.9	E	0	V	G	360	2	16	1x254	600	1x200	500	6.5	42	43	W25
BEWS/WT251MA10P11	230/1/50	12.2	E	0	V	G	570	3.1	16	1x254	600	1x200	500	6.5	46	47	
BEWS/WT251MA20P11	230/1/50	16.8	E	0	V	G	780	4.3	16	1x254	600	1x200	500	6.5	47	48	
BEWS/WT301MA30P11	230/1/50	21	E	0	V	G	940	5.1	16	1x300	1200	2x200	1000	6.5	59	61	W30
BEWS/WT301MA40P11	230/1/50	27.8	E	0	V	G	1200	6.5	16	1x300	1200	2x200	1000	6.5	65	67	
BEWS/WT302MA50P11	230/1/50	2 x 16.8	E	0	V	G	1490	8.1	16	1x300	1200	2x200	1000	6.5	81	83	
BEWS/WT302MA50P12	400/3/50	2 x 16.8	E	0	V	G	1490	2.7	16 (**)	1x300	1200	2x200	1000	6.5	81	83	
BEWS/WT352MA60P11	230/1/50	2 x 18.7	E	0	V	G	1680	9.1	16	1x350	2540	1x350	2740	8	92	95	W35
BEWS/WT352MA60P12	400/3/50	2 x 18.7	E	0	V	G	1680	3	16 (**)	1x350	2540	1x350	2740	8	92	95	
BEWS/WT352MA70P11	230/1/50	2 x 21	E	0	V	G	1900	10.3	16	1x350	2540	1x350	2740	8	92	95	
BEWS/WT352MA70P12	400/3/50	2 x 21	E	0	V	G	1900	3.4	16 (**)	1x350	2540	1x350	2740	8	92	95	
BEWS/WT352MA80P11	230/1/50	2 x 27.8	E	0	V	G	2440	13.2	32	1x350	2540	1x350	2740	8	103	106	
BEWS/WT352MA80P12	400/3/50	2 x 27.8	E	0	V	G	2440	4.4	16 (**)	1x350	2540	1x350	2740	8	103	106	

DATI TECNICI MODELLI LBP - LBP MODELS TECHNICAL DATA

R290	POWER SUPPLY	COMPRESSOR		PED	EXPANSION	DEFROST	ABSORPTION*		INDUSTRIAL PLUG (2P+E)	CONDENSER		EVAPORATOR			NET WEIGHT		DRAWING REFERENCE
		cm³	type	CAT			W	A	A	No. x Ø	m³/h	No. x Ø	m³/h	f(m)	WS Kg	WT Kg	
BEWS/WT251LA10P11	230/1/50	18.7	E	0	V	G	650	3.5	16	1x254	600	1x200	500	6.5	46	48	W25
BEWS/WT251LA20P11	230/1/50	27.8	E	0	V	G	910	5	16	1x254	600	1x200	500	6.5	54	56	
BEWS/WT301LA30P11	230/1/50	27.8	E	0	V	G	940	5.1	16	1x300	1200	2x200	1000	6.5	64	67	W30
BEWS/WT301LA40P11	230/1/50	33.4	E	0	V	G	1090	5.9	16	1x300	1200	2x200	1000	6.5	64	67	
BEWS/WT302LA50P11	230/1/50	2 x 21	E	0	V	G	1295	7	16	1x300	1200	2x200	1000	6.5	81	84	
BEWS/WT302LA50P12	400/3/50	2 x 21	E	0	V	G	1295	2.3	16 (**)	1x300	1200	2x200	1000	6.5	81	84	
BEWS/WT352LA60P11	230/1/50	2 x 27.8	E	0	V	G	1800	9.8	32	1x350	2540	1x350	2740	8	101	105	W35
BEWS/WT352LA60P12	400/3/50	2 x 27.8	E	0	V	G	1800	3.3	16 (**)	1x350	2540	1x350	2740	8	101	105	
BEWS/WT352LA70P11	230/1/50	2 x 33.4	E	0	V	G	2110	11.5	32	1x350	2540	1x350	2740	8	102	106	
BEWS/WT352LA70P12	400/3/50	2 x 33.4	E	0	V	G	2110	3.8	16 (**)	1x350	2540	1x350	2740	8	102	106	

[*]: Assorbimento compressore / Compressor absorption: Te -10°C (HBP/MBP); Tcond +50°C / Te -30°C (LBP); Tcond +50°C
[**]: Spina Industriale 3P + N + E / Industrial Plug 3P + N + E

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

R290 CODE	Capacity Ta = 25°C								Capacity Ta = 32°C								Capacity Ta = 43°C							
	Tc -5°C		Tc 0°C		Tc +5°C		Tc +15°C		Tc -5°C		Tc 0°C		Tc +5°C		Tc +15°C		Tc -5°C		Tc 0°C		Tc +5°C		Tc +10°C	
	W	m³	W	m³	W	m³	W	m³	W	m³	W	m³	W	m³	W	m³	W	m³	W	m³	W	m³	W	m³
BEWS/WT251MA05P11	590	4.7	689	7.3	797	11.7	1040	36.9	548	3.3	641	5	744	7.8	972	24.6	481	1.8	564	2.6	655	4	753	6.1
BEWS/WT251MA10P11	882	7.8	1011	11.7	1152	19.6	1459	54.4	826	5.6	949	8.3	1081	12.8	1371	38	737	3.2	849	4.6	967	6.7	1093	9.9
BEWS/WT251MA20P11	1166	11.1	1343	17.9	1533	27.9	1948	75.3	1097	8.1	1265	11.9	1443	20.1	1832	54.4	981	4.7	1131	6.7	1290	9.7	1459	16.5
BEWS/WT301MA30P11	1524	16.4	1756	25.1	2006	38.5	2546	101	1427	11.2	1645	18.4	1878	28.3	2378	74.4	1261	6.5	1454	9.3	1658	14.7	1870	24
BEWS/WT301MA40P11	1874	21.6	2149	32.2	2442	48.8	3069	124	1744	15.6	2003	23.9	2279	36.2	2872	93.2	1541	8.4	1778	12.2	2032	20.7	2301	32.1
BEWS/WT302MA50P11	2315	28.1	2662	41.6	3034	62.7	3842	159	2175	21.5	2503	31.9	2853	47.9	3611	121	1939	11.4	2233	18.9	2545	28.5	2872	43.5
BEWS/WT302MA50P12	2315	28.1	2662	41.6	3034	62.7	3842	159	2175	21.5	2503	31.9	2853	47.9	3611	121	1939	11.4	2233	18.9	2545	28.5	2872	43.5
BEWS/WT352MA60P11	2850	36.3	3291	53.5	3768	80.3	4814	203	2670	28.1	3085	41.5	3533	62.2	4509	156	2367	16.8	2738	25.3	3134	37.9	3552	58
BEWS/WT352MA60P12	2850	36.3	3291	53.5	3768	80.3	4814	203	2670	28.1	3085	41.5	3533	62.2	4509	156	2367	16.8	2738	25.3	3134	37.9	3552	58
BEWS/WT352MA70P11	3077	39.8	3540	58.4	4038	86.8	5120	216	2887	31	3325	45.6	3793	67.7	4802	168	2564	19	2953	28.1	3366	41.7	3799	63.3
BEWS/WT352MA70P12	3077	39.8	3540	58.4	4038	86.8	5120	216	2887	31	3325	45.6	3793	67.7	4802	168	2564	19	2953	28.1	3366	41.7	3799	63.3
BEWS/WT352MA80P11	3622	48.4	4144	70.1	4697	103	5885	251	3386	38	3877	55	4399	80.9	5526	196	3001	23.7	3453	34.8	3936	51.6	4447	77.6
BEWS/WT352MA80P12	3622	48.4	4144	70.1	4697	103	5885	251	3386	38	3877	55	4399	80.9	5526	196	3001	23.7	3453	34.8	3936	51.6	4447	77.6

TABELLA RESE R290 LBP - R290 LBP PERFORMANCE TABLE

R290 CODE	Capacity Ta = 25°C								Capacity Ta = 32°C								Capacity Ta = 43°C							
	Tc -25°C		Tc -20°C		Tc -15 °C		Tc -10 °C		Tc -25°C		Tc -20°C		Tc -15 °C		Tc -10 °C		Tc -25°C		Tc -20°C		Tc -15 °C		Tc -10 °C	
	W	m³	W	m³	W	m³	W	m³	W	m³	W	m³	W	m³	W	m³	W	m³	W	m³	W	m³	W	m³
BEWS/WT251LA10P11	628	4.6	744	7.1	872	10.9	1011	20.1	583	3.3	694	4.9	815	7.5	947	11.5	510	1.8	612	2.8	723	4.1	841	6.1
BEWS/WT251LA20P11	828	6.8	987	10.5	1160	18.6	1346	31.4	776	4.9	925	7.5	1090	11.3	1266	20.6	679	2.8	817	4.2	966	6.3	1126	9.2
BEWS/WT301LA30P11	954	8.3	1141	13.3	1345	23.4	1564	39.3	889	6	1065	9.1	1256	15.2	1463	25.9	771	3.4	930	5.1	1103	7.6	1289	11.1
BEWS/WT301LA40P11	1070	9.7	1265	16.5	1478	27	1708	44.7	993	7	1177	10.4	1377	18.2	1592	29.6	867	4	1033	5.9	1211	8.6	1401	13.2
BEWS/WT302LA50P11	1411	15.5	1684	25.7	1988	41.7	2320	69.2	1316	10.3	1579	18.2	1870	29.4	2185	48.1	1158	6.1	1398	9.1	1660	14.9	1941	25.1
BEWS/WT302LA50P12	1411	15.5	1684	25.7	1988	41.7	2320	69.2	1316	10.3	1579	18.2	1870	29.4	2185	48.1	1158	6.1	1398	9.1	1660	14.9	1941	25.1
BEWS/WT352LA60P11	1939	25.7	2313	40.8	2720	64.9	3157	106	1812	18.6	2165	29.6	2549	46.8	2962	74.8	1579	9.3	1899	15.8	2248	25.8	2621	40.6
BEWS/WT352LA60P12	1939	25.7	2313	40.8	2720	64.9	3157	106	1812	18.6	2165	29.6	2549	46.8	2962	74.8	1579	9.3	1899	15.8	2248	25.8	2621	40.6
BEWS/WT352LA70P11	2175	30.4	2566	47.3	2992	73.9	3451	118	2023	22	2392	34.4	2793	53.5	3225	84.4	1774	11	2108	19.3	2468	29.9	2853	46.4
BEWS/WT352LA70P12	2175	30.4	2566	47.3	2992	73.9	3451	118	2023	22	2392	34.4	2793	53.5	3225	84.4	1774	11	2108	19.3	2468	29.9	2853	46.4

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

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