

## MONOBLOCCHI PER CELLE FRIGORIFERE PACKAGED UNITS FOR COLD ROOMS

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



### GREEN SOLUTIONS



	R290	HBP / MBP	LBP
CAMPO DI ESERCIZIO (Tc) OPERATING RANGE (Tc)		+10°C ÷ -5°C	-15°C ÷ -25°C
SPOSTAMENTO VOLUME COMPRESSORE COMPRESSOR DISPLACEMENT		12.1 ÷ 2 x 27.8 CC	18.7 ÷ 2 x 38 CC
VOLUME CELLA COLD ROOM VOLUME		5.5 ÷ 124 m³	3 ÷ 60.1 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 CO<sub>2</sub> 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 CO<sub>2</sub> emissions and a circuit optimized with 150g of refrigerant charge.

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



R290	POWER SUPPLY	COMPRESSOR		PED	EXPANSION	DEFROST	ABSORPTION		CONDENSER		EVAPORATOR			NET WEIGHT		DRAWING REFERENCE
		cm <sup>3</sup>	type				CAT	win	FLA	No. x Ø	m <sup>3</sup> /h	No. x Ø	m <sup>3</sup> /h	f(m)	WS	
BEWS/WT251MA10P11	230/1/50	12.1	E	0	V	G	540	5.3	1x254	600	1x200	500	6.5	45	46	W25
BEWS/WT251MA20P11	230/1/50	16.8	E	0	V	G	780	5.7	1x254	600	1x200	500	6.5	47	48	
BEWS/WT301MA30P11	230/1/50	22.4	E	0	V	G	990	6.8	1x300	1200	2x200	1000	6.5	64	66	W30
BEWS/WT301MA40P11	230/1/50	27.8	E	0	V	G	1200	8.8	1x300	1200	2x200	1000	6.5	65	67	
BEWS/WT302MA50P11	230/1/50	2 X 16.8	E	0	V	G	1490	10.6	1x300	1200	2x200	1000	6.5	81	83	W35
BEWS/WT352MA60P11	230/1/50*	2 X 20.4	E	0	V	G	1870	12.7	1x350	2540	1x350	2740	8	102	105	
BEWS/WT352MA70P11	230/1/50*	2 X 22.4	E	0	V	G	2000	12.7	1x350	2540	1x350	2740	8	102	105	
BEWS/WT352MA80P11	230/1/50*	2 X 27.8	E	0	V	G	2440	16.7	1x350	2540	1x350	2740	8	103	106	

## DATI TECNICI MODELLI LBP - LBP MODELS TECHNICAL DATA



R290	POWER SUPPLY	COMPRESSOR		PED	EXPANSION	DEFROST	ABSORPTION		CONDENSER		EVAPORATOR			NET WEIGHT		DRAWING REFERENCE
		cm <sup>3</sup>	type				CAT	win	FLA	No. x Ø	m <sup>3</sup> /h	No. x Ø	m <sup>3</sup> /h	f(m)	WS	
BEWS/WT251LA10P11	230/1/50	18.7	E	0	V	G	690	5.6	1x254	600	1x200	500	6.5	46	48	W25
BEWS/WT251LA20P11	230/1/50	27.8	E	0	V	G	910	7.4	1x254	600	1x200	500	6.5	54	56	
BEWS/WT301LA30P11	230/1/50	27.8	E	0	V	G	940	7.8	1x300	1200	2x200	1000	6.5	64	67	W30
BEWS/WT301LA40P12	400/3/50	38	E	1	V	G	1180	5.1	1x300	1200	2x200	1000	6.5	68	71	
BEWS/WT302LA50P11	230/1/50*	2 X 22.4	E	0	V	G	1300	10.8	1x300	1200	2x200	1000	6.5	93	96	W35
BEWS/WT352LA60P11	230/1/50*	2 X 27.8	E	0	V	G	1800	14.3	1x350	2540	1x350	2740	8	101	105	
BEWS/WT352LA70P12	400/3/50	2 X 38	E	1	V	G	2300	8.9	1x350	2540	1x350	2740	8	110	114	

[\*]: Modelli con alimentazione 400/3/50 disponibili sul programma SELECT / 400/3/50 Power supply models available in the SELECT program / Ausführungen mit Stromversorgung 400V/3Ph/50Hz sind im SELECT verfügbar / Modèles avec alimentation 400/3/50 disponibles sur le programme SELECT / Modelos con fuente de alimentación 400/3/50 disponibles en el programa SELECT

[\*\*]: Assorbimento compressore / Compressor absorption / Aufnahme Verdichter / Absorption du compresseur / Potencia absorbida compresor: Tc -10°C (HBP/MBP); Tcond +50°C / Tc -30°C (LBP); Tcond +50°C

## 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 +10°C	Tc +5°C	Tc 0°C	Tc -5°C	Tc +10°C	Tc +5°C	Tc 0°C	Tc -5°C	Tc +10°C	Tc +5°C	Tc 0°C	Tc -5°C												
BEWS/WT251MA10P11	1295	31.8	1143	19.4	1001	11.6	870	7.7	1218	22	1073	12.6	938	8.2	812	5.5	1085	9.8	955	6.6	832	4.5	719	3.1
BEWS/WT251MA20P11	1722	44.6	1523	27.7	1335	17.8	1159	11	1621	31.8	1434	19.9	1256	11.8	1091	8	1447	16.2	1281	9.6	1123	6.6	975	4.6
BEWS/WT301MA30P11	2252	60.7	1983	38	1731	24.6	1495	16	2090	43.8	1840	27.6	1607	17.9	1390	10.8	1796	22.6	1577	13.2	1373	8.6	1186	6
BEWS/WT301MA40P11	2781	77.1	2467	49.3	2168	32.5	1886	21.8	2600	57.2	2304	36.7	2023	24.2	1759	15.8	2328	32.6	2054	21	1795	12.4	1554	8.5
BEWS/WT302MA50P11	3454	98.2	3054	63.1	2678	41.9	2326	28.3	3253	74.9	2876	48.4	2521	32.2	2189	21.6	2910	44.3	2574	28.9	2255	19.2	1956	11.5
BEWS/WT352MA60P11	4324	126	3797	81	3303	53.7	2846	36.2	4040	96.9	3537	62.3	3066	41.2	2630	27.5	3600	59	3130	37.8	2691	24.7	2286	15.6
BEWS/WT352MA70P11	4535	132	3997	85.8	3490	57.5	3017	38.9	4218	102	3716	66.1	3245	44.2	2808	30	3643	59.9	3199	38.9	2785	25.9	2406	17.3
BEWS/WT352MA80P11	5326	158	4736	104	4174	70.7	3643	48.8	4994	124	4435	81.6	3904	55.5	3405	38.3	4482	78.4	3964	52	3473	35.1	3015	23.9

## TABELLA RESE R290 LBP - R290 LBP PERFORMANCE TABLE



R290 CODE	Capacity Ta = 25°C			Capacity Ta = 32°C			Capacity Ta = 43°C											
	Tc -15°C	Tc -20°C	Tc -25°C	Tc -15°C	Tc -20°C	Tc -25°C	Tc -15°C	Tc -20°C	Tc -25°C									
BEWS/WT251LA10P11	834	10.3	708	6.6	592	4.2	782	7.1	663	4.6	554	3	695	3.9	588	2.6	491	1.7
BEWS/WT251LA20P11	1152	18.4	980	10.4	823	6.7	1082	11.2	919	7.4	770	4.9	959	6.2	810	4.2	675	2.8
BEWS/WT301LA30P11	1349	23.5	1144	13.3	956	8.3	1263	15.4	1069	9.1	892	6	1111	7.6	936	5.1	774	3.4
BEWS/WT301LA40P12	1605	30.6	1367	18.8	1145	10.7	1497	20.8	1274	11.6	1067	7.7	1309	9.6	1109	6.5	923	4.4
BEWS/WT302LA50P11	1979	41.5	1678	25.6	1408	15.5	1824	28.3	1539	17.4	1283	10	1584	13.2	1325	8.4	1091	5.6
BEWS/WT352LA60P11	2725	65	2310	40.8	1930	25.6	2553	46.9	2161	29.6	1802	18.4	2248	25.8	1893	15.7	1566	9.2
BEWS/WT352LA70P12	3246	82.5	2765	52.4	2316	33.3	3030	60.1	2580	38.5	2161	24.4	2654	33.5	2248	21.4	1871	11.9

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

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

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