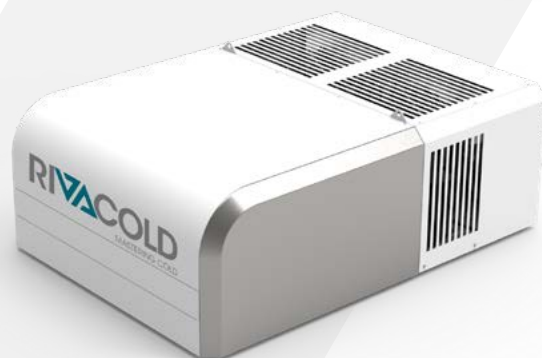


# MONOBLOCCHI PER CELLE FRIGORIFERE PACKAGED UNITS FOR COLD ROOMS

INSTALLAZIONE A SOFFITTO  
CEILING MOUNT INSTALLATION

**BE BEST CM**



## GREEN SOLUTIONS



	R290	HBP / MBP	LBP
CAMPO DI ESERCIZIO (Tc) OPERATING RANGE (Tc)		+15°C ÷ -5°C	-10°C ÷ -25°C
SPOSTAMENTO VOLUME COMPRESSORE COMPRESSOR DISPLACEMENT		7.3 ÷ 3 x 27.8 CC	18.7 ÷ 3 x 33.4 CC
VOLUME CELLA COLD ROOM VOLUME		3.9 ÷ 301 m <sup>3</sup>	3.6 ÷ 144 m <sup>3</sup>

## 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) a soffitto 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) ceiling 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			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	
BEC1301MA05P11	230/1/50	7.28	E	0	V	G	395	2.1	1x300	1100	1x300	750	3	CM130
BEC1301MA07P11	230/1/50	9.99	E	0	V	G	530	2.9	1x300	1100	1x300	750	3	
BEC1301MA10P11	230/1/50	12.10	E	0	V	G	570	3.1	1x300	1100	1x300	750	3	
BEC1301MA20P11	230/1/50	16.80	E	0	V	G	765	4.2	1x300	1100	1x300	750	3	
BEC2301MA30P11	230/1/50	21.00	E	0	V	G	975	5.3	2x300	2450	2x300	1300	4.5	
BEC2301MA40P11	230/1/50	27.80	E	0	V	G	1200	6.5	2x300	2450	2x300	1300	4.5	CM230
BEC2302MA50P11	230/1/50	2 x 16.8	E	0	V	G	1475	8	2x300	2300	2x300	1150	4	
BEC2302MA50P12	400/3/50	2 x 16.8	E	0	V	G	1475	2.8	2x300	2300	2x300	1150	4	
BEC2302MA60P11	230/1/50	2 x 21	E	0	V	G	1790	9.7	2x300	2300	2x300	1150	4	
BEC2302MA60P12	400/3/50	2 x 21	E	0	V	G	1790	3.3	2x300	2300	2x300	1150	4	
BEC2302MA70P11	230/1/50	2 x 27.8	E	0	V	G	2245	12.2	2x300	2300	2x300	1150	4	CM235
BEC2302MA70P12	400/3/50	2 x 27.8	E	0	V	G	2245	4.2	2x300	2300	2x300	1150	4	
BEC2353MA80P12	400/3/50	3 x 21	E	0	V	G	2920	5.3	2x350	4800	3x300	2300	5	
BEC2353MA90P12	400/3/50	3 x 27.8	E	0	V	G	3600	6.5	2x350	4800	3x300	2300	5	

DATI TECNICI MODELLI LBP - LBP MODELS TECHNICAL DATA



R290	POWER SUPPLY	COMPRESSOR		PED	EXPANSION	DEFROST	ABSORPTION		CONDENSER		EVAPORATOR			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)
BEC1301LA10P11	230/1/50	18.7	E	0	V	G	590	3.2	1x300	1100	1x300	750	3	CM130	
BEC1301LA20P11	230/1/50	27.8	E	0	V	G	810	4.4	1x300	1100	1x300	750	3		
BEC2301LA30P11	230/1/50	33.4	E	0	V	G	1030	5.6	2x300	2450	2x300	1300	4.5		
BEC2302LA40P11	230/1/50	2 x 21	E	0	V	G	1230	6.7	2x300	2300	2x300	1150	4		CM230
BEC2302LA40P12	400/3/50	2 x 21	E	0	V	G	1230	2.4	2x300	2300	2x300	1150	4		
BEC2302LA50P11	230/1/50	2 x 27.8	E	0	V	G	1560	8.5	2x300	2300	2x300	1150	4		
BEC2302LA50P12	400/3/50	2 x 27.8	E	0	V	G	1560	2.9	2x300	2300	2x300	1150	4		
BEC2302LA60P11	230/1/50	2 x 33.42	E	0	V	G	1900	10.3	2x300	2300	2x300	1150	4	CM235	
BEC2302LA60P12	400/3/50	2 x 33.42	E	0	V	G	1900	3.5	2x300	2300	2x300	1150	4		
BEC2353LA70P12	400/3/50	3 x 27.8	E	0	V	G	2575	4.6	2x350	4800	3x300	2300	5		
BEC2353LA80P12	400/3/50	3 x 33.42	E	0	V	G	3085	5.6	2x350	4800	3x300	2300	5		

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 +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		Tc +5°C		Tc 0°C		Tc -5°C	
	W	m <sup>3</sup>	W	m <sup>3</sup>	W	m <sup>3</sup>	W	m <sup>3</sup>	W	m <sup>3</sup>	W	m <sup>3</sup>	W	m <sup>3</sup>	W	m <sup>3</sup>	W	m <sup>3</sup>	W	m <sup>3</sup>	W	m <sup>3</sup>	W	m <sup>3</sup>
BEC1301MA05P11	1218	44.3	931	14.7	803	8.8	685	5.7	1136	30	863	9.4	741	6	629	3.9	873	7.4	754	4.8	644	3.2	544	2.1
BEC1301MA07P11	1529	57.4	1185	20.3	1029	12	884	7.8	1441	40.5	1111	13.4	962	8.4	824	5.6	1133	10.4	986	6.8	849	4.6	724	3.1
BEC1301MA10P11	1714	65.3	1330	23.4	1157	14.4	998	9.1	1609	46.4	1246	16.3	1081	9.8	929	6.5	1261	12	1103	7.9	955	5.4	818	3.7
BEC1301MA20P11	2076	80.9	1634	30.1	1431	19.4	1241	11.9	1950	58.6	1534	21.8	1343	13.2	1164	8.7	1547	18.2	1367	10.5	1196	7.2	1035	5
BEC2301MA30P11	2613	104	2050	39.5	1792	25.7	1553	17	2453	77.1	1926	29.2	1683	19	1457	11.5	1937	25.2	1711	15.7	1496	9.7	1294	6.7
BEC2301MA40P11	3018	122	2397	47.7	2108	31.4	1836	21	2833	91.7	2245	35.5	1972	23.4	1717	15.2	2271	31.5	2005	20.3	1755	11.9	1521	8.3
BEC2302MA50P11	4224	176	3323	69.6	2910	46.3	2524	31.3	3972	135	3123	53.5	2734	35.7	2369	24	3156	49.4	2787	32.3	2437	21.4	2109	13.2
BEC2302MA50P12	4224	176	3323	69.6	2910	46.3	2524	31.3	3972	135	3123	53.5	2734	35.7	2369	24	3156	49.4	2787	32.3	2437	21.4	2109	13.2
BEC2302MA60P11	4811	202	3808	81.2	3344	54.5	2913	37.3	4523	157	3582	63.2	3145	42.5	2736	29	3596	58.9	3189	38.8	2800	26.1	2433	17.6
BEC2302MA60P12	4811	202	3808	81.2	3344	54.5	2913	37.3	4523	157	3582	63.2	3145	42.5	2736	29	3596	58.9	3189	38.8	2800	26.1	2433	17.6
BEC2302MA70P11	5507	234	4412	95.9	3900	65.4	3416	45.1	5179	183	4138	75.2	3653	51.2	3197	35.3	4185	71.8	3710	47.5	3259	32.2	2838	21.9
BEC2302MA70P12	5507	234	4412	95.9	3900	65.4	3416	45.1	5179	183	4138	75.2	3653	51.2	3197	35.3	4185	71.8	3710	47.5	3259	32.2	2838	21.9
BEC2353MA80P12	7484	324	5892	132	5164	90.1	4488	62.4	7057	258	5556	106	4865	72.5	4222	50	5625	104	4971	69.8	4350	47.4	3769	32.5
BEC2353MA90P12	8622	378	6870	157	6056	108	5289	75.7	8123	301	6460	127	5689	87.3	4965	61	6548	126	5793	84.9	5081	58.3	4415	40.2

TABELLA RESE R290 LBP - R290 LBP PERFORMANCE TABLE



R290 CODE	Capacity Ta = 25°C						Capacity Ta = 32°C						Capacity Ta = 43°C											
	Tc -10°C		Tc -15°C		Tc -20°C		Tc -25°C		Tc -10°C		Tc -15°C		Tc -20°C		Tc -25°C		Tc -10°C		Tc -15°C		Tc -20°C		Tc -25°C	
	W	m <sup>3</sup>	W	m <sup>3</sup>	W	m <sup>3</sup>	W	m <sup>3</sup>	W	m <sup>3</sup>	W	m <sup>3</sup>	W	m <sup>3</sup>	W	m <sup>3</sup>	W	m <sup>3</sup>	W	m <sup>3</sup>	W	m <sup>3</sup>	W	m <sup>3</sup>
BEC1301LA10P11	1134	24.1	968	13.1	814	8	675	5.1	1060	14.7	903	8.7	759	5.6	629	3.6	937	7.1	798	4.7	670	3.2	553	2.1
BEC1301LA20P11	1469	35.8	1267	21.3	1079	11.8	906	7.7	1378	23.6	1186	13.3	1008	8.4	843	5.5	1219	10.3	1046	7	884	4.7	734	3.2
BEC2301LA30P11	1759	46.6	1520	28.2	1297	17.3	1091	10	1645	31.1	1422	19.2	1212	10.9	1017	7.2	1455	14.6	1256	9.1	1067	6.2	891	4.2
BEC2302LA40P11	2550	78.8	2180	47.6	1840	29.3	1535	18.1	2400	55.2	2048	33.9	1723	20.8	1429	11.6	2132	29.2	1816	18.2	1522	10.2	1253	6.8
BEC2302LA40P12	2550	78.8	2180	47.6	1840	29.3	1535	18.1	2400	55.2	2048	33.9	1723	20.8	1429	11.6	2132	29.2	1816	18.2	1522	10.2	1253	6.8
BEC2302LA50P11	2988	97.9	2577	60.2	2194	37.8	1841	23.8	2805	69.2	2415	43.3	2050	27.3	1714	17	2487	37.4	2133	23.7	1801	13.8	1495	8.7
BEC2302LA50P12	2988	97.9	2577	60.2	2194	37.8	1841	23.8	2805	69.2	2415	43.3	2050	27.3	1714	17	2487	37.4	2133	23.7	1801	13.8	1495	8.7
BEC2302LA60P11	3286	111	2853	69.3	2446	44.2	2067	28.3	3074	78.9	2668	50	2283	32.1	1924	20.4	2727	43.2	2362	27.9	2014	17.9	1685	10.2
BEC2302LA60P12	3286	111	2853	69.3	2446	44.2	2067	28.3	3074	78.9	2668	50	2283	32.1	1924	20.4	2727	43.2	2362	27.9	2014	17.9	1685	10.2
BEC2353LA70P12	4611	173	3968	107	3372	68.8	2826	44.1	4339	126	3727	80.3	3158	51.5	2635	32.9	3863	73.6	3305	47	2785	30.1	2306	18.9
BEC2353LA80P12	5089	196	4408	123	3769	79.9	3179	52	4776	144	4134	92.6	3529	60.2	2968	39.1	4246	84.6	3666	55.1	3117	35.8	2603	22.9

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