

## MONOBLOCCHI DA ESTERNO PER CELLE FRIGORIFERE

## OUTDOOR PACKAGED UNITS FOR COLD ROOMS

INSTALLAZIONE A PARETE  
WALL MOUNT INSTALLATION



### GREEN SOLUTIONS



	R290	MBP	LBP
CAMPO DI ESERCIZIO (Tc) OPERATING RANGE (Tc)		-5°C ÷ +5°C	-25°C ÷ -15°C
SPOSTAMENTO VOLUME COMPRESSORE COMPRESSOR DISPLACEMENT		9.99 ÷ 2 x 27.8 cm <sup>3</sup>	21 ÷ 2 x 33.4 cm <sup>3</sup>
VOLUME CELLA* COLD ROOM VOLUME*		5.5 ÷ 88.1 m <sup>3</sup>	4.2 ÷ 56 m <sup>3</sup>

\* Dati riferiti a Ta 32°C / Data referred to Ta 32°C

### CARATTERISTICHE GENERALI

**BOLD:** Blocksystem for Outdoor, Logistics and Durability.

La nuova gamma Rivacold BOLD di monoblocchi a parete rappresenta la scelta ideale per il raffreddamento sostenibile di celle frigorifere per esterno. Grazie all'utilizzo del gas naturale R290 e ad un circuito frigorifero completamente riprogettato — con valvola termostatica integrata e diametri dei tubi ottimizzati — BOLD offre massima affidabilità e performance elevate in ogni condizione, anche con temperatura ambiente fino a 43°C.

Il cuore del sistema è l'innovativa elettronica RIV-OLUTION, supportata da un software sviluppato da Rivacold che assicura un controllo preciso e stabile della temperatura, riducendo al minimo i consumi energetici.

Il tutto è racchiuso in un circuito compatto, con soli 150 grammi di refrigerante, che minimizza l'impatto ambientale e le emissioni di CO<sub>2</sub>. La costruzione robusta, l'elettronica sofisticata e il circuito termodinamico evoluto rendono BOLD il monoblocco ideale per celle temporanee, installazioni esterne e soluzioni logistiche versatili.

### GENERAL FEATURES

**BOLD:** Blocksystem for Outdoor, Logistics and Durability.

The new Rivacold BOLD range of wall-mounted packaged systems is the ideal choice for the sustainable cooling of outdoor cold rooms. Thanks to the use of natural refrigerant R290 and a completely redesigned refrigeration circuit — with an integrated thermostatic valve and optimized pipe diameters — BOLD delivers maximum reliability and high performance in all conditions, even with ambient temperatures up to 43°C.

At the heart of the system is the innovative RIV-OLUTION electronic control, supported by software developed by Rivacold that ensures precise and stable temperature regulation while minimizing energy consumption.

Everything is enclosed in a compact circuit, using just 150 grams of refrigerant, which reduces environmental impact and CO<sub>2</sub> emissions. The robust construction, advanced electronics, and sophisticated thermodynamic circuit make BOLD the ideal packaged system for temporary cold rooms, outdoor installations and versatile logistics solutions.

DATI TECNICI MODELLI MBP - MBP MODELS TECHNICAL DATA



R290	POWER SUPPLY	COMPRESSOR		PED	EXPANSION	DEFROST	ABSORPTION		INDUSTRIAL PLUG	CONDENSER		EVAPORATOR			NET WEIGHT	REFERENCE
		cm <sup>3</sup>	type				CAT	W		A	A	No. x Ø	m <sup>3</sup> /h	No. x Ø		
BD1251MA10P11	230/1/50	9.99	E	0	V	G	657	2.9	16 (2P+E)	1x254	800	1x254	600	5	63	BD-125
BD1251MA20P11	230/1/50	16.8	E	0	V	G	893	3.9	16 (2P+E)	1x254	800	1x254	600	5	65	
BD2251MA30P11	230/1/50	21.02	E	0	V	G	1101	4.8	16 (2P+E)	2x254	1400	2x254	1200	5	78	BD-225
BD2251MA40P11	230/1/50	27.8	E	0	V	G	1577	6.9	16 (2P+E)	2x254	1900	2x254	1200	5	87	
BD1352MA50P11	230/1/50	2 x 21.02	E	0	V	G	2050	8.9	32 (2P+E)	1x350	2700	1x350	2400	8	113	BD-135
BD1352MA50P12	400/3/50	2 x 21.02	E	0	V	G	2050	3.8	16 (3P+N+E)	1x350	2700	1x350	2400	8	113	
BD1352MA60P11	230/1/50	2 x 27.8	E	0	V	G	2582	11.2	32 (2P+E)	1x350	2700	1x350	2400	8	125	
BD1352MA60P12	400/3/50	2 x 27.8	E	0	V	G	2582	4.7	16 (3P+N+E)	1x350	2700	1x350	2400	8	125	

DATI TECNICI MODELLI LBP - LBP MODELS TECHNICAL DATA



R290	POWER SUPPLY	COMPRESSOR		PED	EXPANSION	DEFROST	ABSORPTION		INDUSTRIAL PLUG	CONDENSER		EVAPORATOR			NET WEIGHT	REFERENCE
		cm <sup>3</sup>	type				CAT	W		A	A	No. x Ø	m <sup>3</sup> /h	No. x Ø		
BD1251LA10P11	230/1/50	21	E	0	V	G	772	3.4	16 (2P+E)	1x254	800	1x254	600	5	65	BD-125
BD2251LA20P11	230/1/50	33.42	E	0	V	G	1156	5.0	16 (2P+E)	2x254	1400	2x254	1200	5	82	
BD2252LA30P11	230/1/50	2 x 21	E	0	V	G	1360	5.9	16 (2P+E)	2x254	1350	2x254	1000	4.5	91	BD-225
BD2252LA30P12	400/3/50	2 x 21	E	0	V	G	1360	2.6	16 (3P+N+E)	2x254	1350	2x254	1000	4.5	91	
BD2252LA40P11	230/1/50	2 x 27.8	E	0	V	G	1898	8.3	32 (2P+E)	2x254	1900	2x254	1000	4.5	109	
BD2252LA40P12	400/3/50	2 x 27.8	E	0	V	G	1898	3.8	16 (3P+N+E)	2x254	1900	2x254	1000	4.5	109	
BD1352LA50P11	230/1/50	2 x 33.42	E	0	V	G	2160	9.4	32 (2P+E)	1x350	2700	1x350	2400	8	125	BD-135
BD1352LA50P12	400/3/50	2 x 33.42	E	0	V	G	2160	4.0	16 (3P+N+E)	1x350	2700	1x350	2400	8	125	

TABELLA RESE R290 MBP - R290 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 -5°C		Tc 0°C		Tc +5°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>
BD1251MA10P11	880	7.8	1020	11.8	1178	20.2	818	5.5	955	8.4	1102	13.2	720	3.1	842	4.5	979	6.8
BD1251MA20P11	1228	11.8	1414	19.1	1613	29.7	1151	8.6	1326	12.9	1519	21.5	1025	5	1181	7.1	1348	10.3
BD2251MA30P11	1580	17.4	1827	26.3	2084	40.3	1479	11.7	1713	19.5	1960	29.9	1312	6.8	1519	9.9	1730	16
BD2251MA40P11	1899	22	2188	32.8	2497	50	1773	16.1	2051	24.7	2339	37.4	1576	8.7	1824	12.9	2090	21.5
BD1352MA50P11	3172	41.3	3662	60.8	4191	90.5	2959	32	3421	47.2	3918	70.4	2614	19.5	3020	29	3450	43.1
BD1352MA50P12	3172	41.3	3662	60.8	4191	90.5	2959	32	3421	47.2	3918	70.4	2614	19.5	3020	29	3450	43.1
BD1352MA60P11	3869	52.4	4452	76.1	5076	112	3611	41.2	4152	59.8	4731	88.1	3192	25.9	3681	37.9	4206	56.2
BD1352MA60P12	3869	52.4	4452	76.1	5076	112	3611	41.2	4152	59.8	4731	88.1	3192	25.9	3681	37.9	4206	56.2

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 -25°C		Tc -20°C		Tc -15 °C		Tc -25°C		Tc -20°C		Tc -15 °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>
BD1251LA10P11	748	5.9	896	9.2	1058	15.8	696	4.2	838	6.5	994	9.9	608	2.4	737	3.6	880	5.5
BD2251LA20P11	1098	10.1	1303	17.4	1528	28.4	1019	7.2	1214	10.9	1427	19.3	892	4.2	1068	6.2	1258	9.1
BD2252LA30P11	1475	17	1763	27.6	2085	44.7	1372	10.9	1649	19.4	1960	31.6	1203	6.4	1462	9.6	1737	16.8
BD2252LA30P12	1475	17	1763	27.6	2085	44.7	1372	10.9	1649	19.4	1960	31.6	1203	6.4	1462	9.6	1737	16.8
BD2252LA40P11	1781	22.7	2130	36.3	2502	57.8	1666	16	1990	26	2348	41.5	1457	8.4	1753	12.9	2080	22.7
BD2252LA40P12	1781	22.7	2130	36.3	2502	57.8	1666	16	1990	26	2348	41.5	1457	8.4	1753	12.9	2080	22.7
BD1352LA50P11	2241	31.8	2660	49.7	3111	77.9	2072	22.9	2460	35.9	2885	56	1800	11.2	2149	19.9	2526	31
BD1352LA50P12	2241	31.8	2660	49.7	3111	77.9	2072	22.9	2460	35.9	2885	56	1800	11.2	2149	19.9	2526	31

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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