

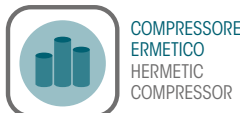
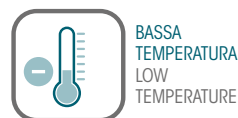
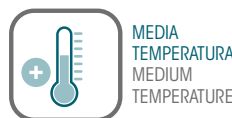
UNITÀ CONDENSATRICI MULTIUTENZA A CO₂ TRANSCRITICA

TRANSCRITICAL CO₂ CONDENSING UNITS FOR MULTISER APPLICATION

CN **CO₂NNEXT**



GREEN SOLUTIONS



R744	MBP	LBP
CAMPO DI ESERCIZIO (Te) OPERATING RANGE (Te)	+0°C ÷ -10°C	-25°C ÷ -30°C
SPOSTAMENTO VOL. COMPRESSORE COMPRESSOR DISPLACEMENT	3 ÷ 10 cm ³ /rev	4 ÷ 10 cm ³ /rev
POTENZA FRIGORIFERA REFRIGERATING CAPACITY	561 ÷ 9955 W	984 ÷ 7880 W

CARATTERISTICHE GENERALI

CO₂NNEXT è una gamma di unità condensatrici e sistemi split a R744 transcritica che utilizza un compressore BLDC a giri variabili per applicazioni di media e bassa temperatura (celle frigorifere, banchi e murali) in supermercati di piccola taglia. Grazie a una nuova generazione di controlli elettronici per CO₂, questo sistema facile da installare è disegnato per collegare fino a 5 utenze. Efficienza energetica, sostenibilità ambientale e perfetta conservazione del cibo sono garantiti da Rivacold.

GENERAL FEATURES

CO₂NNEXT is a range of condensing units and split systems using R744 transcritical variable speed BLDC hermetic compressor for medium and low temperature applications in convenient stores' cold rooms, counters and wall display cabinets. Thanks to a new generation of control for CO₂, this easy to install system is designed for connecting up to 5 utilities. Energy efficiency, eco-sustainability and perfect food conservation are guaranteed by Rivacold.

DATI TECNICI MODELLI MBP - MBP MODELS TECHNICAL DATA


CONDENSING UNIT			COMPRESSOR		GAS COOLER FAN-MOTORS		PIPE FITTINGS		PED	NOISE	CU DIMENSIONS			NET WEIGHT
MODEL	SUPPLY	EXP	MODEL	DISP.	n°x Ø	mc/h	D inches	S inches	CAT	24h average LpA 10m dBA	L mm	P mm	H mm	kg
CN030M145X0211	230/1/50	V	DY30N1F	3	1 x 450	4098	3/8"	3/8"	1	33.1	1390	515	1200	140
CN045M145X1211	230/1/50	V	DY45N1F	4.5	1 x 450	4098	3/8"	3/8"	1	38.5	1390	515	1200	140
CN067M245X0211	230/1/50	V	DY67L1F	6.7	2 X 450	7257	3/8"	3/8"	1	36.6	1390	515	1200	160
CN100M245X1212	400/3/50	V	RY100L1F	10	2 X 450	7257	3/8"	3/8"	1	37.6	1390	515	1200	160

DATI TECNICI MODELLI LBP - LBP MODELS TECHNICAL DATA


CONDENSING UNIT			COMPRESSOR		GAS COOLER FAN-MOTORS		PIPE FITTINGS		PED	NOISE	CU DIMENSIONS			NET WEIGHT
MODEL	SUPPLY	EXP	MODEL	DISP.	n°x Ø	mc/h	D inches	S inches	CAT	24h average LpA 10m dBA	L mm	P mm	H mm	kg
CN075L145X0211	230/1/50	V	DY45N1F	4.5 + 3	1 x 450	4098	3/8"	3/8"	1	36.5	1590	515	1200	210
CN112L245X0211	230/1/50	V	DY67L1F	6.7 + 4.5	2 x 450	7257	3/8"	3/8"	1	38.6	1590	515	1200	210
CN167L245X1212	400/3/50	V	RY100L1F	10 + 6.7	2 x 450	7257	1/2"	3/8"	1	40.1	1590	515	1200	210

TABELLA RESE CN R744 MBP - MBP CN PERFORMANCE TABLES (R744)


R744 CODE	ELECTRICAL ABSORPTION		Capacity Ta = 25°C			Capacity Ta = 32°C			Capacity Ta = 38°C			
	POWER W	CURRENT A	Te 0°C	Te -5°C	Te -10°C	Te 0°C	Te -5°C	Te -10°C	Te 0°C	Te -5°C	Te -10°C	
CN030M145X0211	1800	9	min	1060	902	760	781	667	561	659	555	461
			max	4048	3539	3068	3327	2933	2548	2924	2545	2195
CN045M145X1211	2500	12.5	min	1575	1342	1132	1179	1007	847	995	838	696
			max	5805	5112	4460	3775	4317	4890	4384	3842	3314
CN067M245X0211	3600	18.6	min	2367	2036	1737	1305	1535	1782	1506	1286	1083
			max	8077	7137	6248	6943	6138	5373	6220	5464	4743
CN100M245X1212	5700	10	min	3425	2955	2528	2659	2291	1948	2248	1919	1616
			max	11375	10105	8893	9965	8826	7742	8986	7905	6887

Dati di assorbimento calcolati alla resa nominale -10°C (Te) 32°C (Ta) / Absorption data are calculated at a rate capacity of -10°C (Te) 32°C (Ta)

TABELLA RESE CN R744 LBP - LBP CN PERFORMANCE TABLES (R744)


R744 CODE	ELECTRICAL ABSORPTION		Capacity Ta = 25°C		Capacity Ta = 32°C		Capacity Ta = 38°C		
	POWER W	CURRENT A	Te -25°C	Te -30°C	Te -25°C	Te -30°C	Te -25°C	Te -30°C	
CN075L145X0211	2500	13	min	1266	1264	981	984	859	862
			max	3832	3168	3775	3168	3372	3168
CN112L245X0211	3900	20.5	min	1896	1898	1564	1473	1564	1308
			max	5707	4847	5707	4847	5080	4847
CN167L245X1212	6500	21	min	2665	2621	2335	2093	2335	1952
			max	8252	7235	7880	7235	7113	7090

Dati di assorbimento calcolati alla resa nominale -10°C / -30°C (Te) / Absorption data are calculated at a rate capacity of -30°C (Te) 32°C (Ta)