

PROPANE SOLUTIONS

EM and EMC models

Ideal for **Light Commercial Refrigeration**



THE MOST EFFICIENT
ON-OFF COMPRESSOR
IN EMBRACO'S
COMMERCIAL PORTFOLIO



HIGH EFFICIENCY LEVEL

Up to 30% in comparison with the current Embraco solutions in the market



WIDE COOLING CAPACITY



LOWER NOISE LEVEL

On the system



WIDE APPLICATION RANGE

L/MBP
(Working range -35 / 0°)



ENVIRONMENTALLY FRIENDLY

Uses R290 natural refrigerant with no impact on the ozone layer (GWP3)



GLOBAL PLATFORM



A channel for the refrigeration market:
Join us at: refrigerationclub.com

embraco
Nidec

MAIN APPLICATIONS



PROFESSIONAL KITCHENS



CHEST FREEZERS



VENDING MACHINES



VERTICAL COOLERS



ISLAND COOLERS

TECHNICAL DATA

MODEL	APPLICATION	NOMINAL VOLTAGE [V] / FREQUENCY [Hz]	HP	DISP. [cc]	MOTOR	REFRIG	EVAP. RANGE [°C]	TEST CONDITION (rated point)	50Hz		60Hz	
									CAP [W]	COP [W/W]	CAP [W]	COP [W/W]
EM2U3111U	L/MBP	220-240V 50/60Hz	1/6	3	RSCR	R290	-35 to 0	ASHRAE LBP	144	1,56	172	1,66
EM2U3115U	L/MBP	220-240V 50/60Hz	1/4	3,97	RSCR	R290	-35 to 0	ASHRAE LBP	201	1,62	239	1,68
EMC3117U	L/MBP	220-240V 50Hz	1/4	3,97	RSCR	R290	-35 to 0	ASHRAE LBP	197	1,83	-	-
EMT2117U	LBP	220V 50Hz	1/5	4,5	CSIR	R290	-40 to -10	ASHRAE LBP	209	1,38	-	-
EMC3119U	L/MBP	220-240V 50Hz	1/4	4,53	RSCR	R290	-35 to 0	ASHRAE LBP	236	1,86	-	-
EMT2121U	LBP	220-240V 50Hz	1/3-	5,56	CSIR	R290	-40 to -10	ASHRAE LBP	265	1,46	-	-
EMC3121U	L/MBP	220-240V 50Hz	1/4	5,54	RSCR	R290	-35 to 0	ASHRAE LBP	271	1,88	-	-
EM2X3121U	L/MBP	220-240V 50/60Hz	1/3	5,54	RSCR	R290	-35 to 0	ASHRAE LBP	288	1,72	348	1,74
EMT2125U	LBP	220-240V 50Hz	1/3	5,96	CSIR	R290	-40 to -10	ASHRAE LBP	301	1,48	-	-
EMC3125U	L/MBP	220-240V 50Hz	1/3	6,09	RSCR	R290	-35 to 0	ASHRAE LBP	305	1,88	-	-
EM2X3125U	L/MBP	220-240V 50/60Hz	1/3+	6,09	RSCR	R290	-40 to 0	ASHRAE LBP	303	1,67	368	1,67
EMY2130U	LBP	220-240V 50Hz	1/3	6,92	CSIR	R290	-40 to -10	ASHRAE LBP	330	1,49	-	-
EMC3130U	L/MBP	220-240V 50Hz	1/3	6,92	RSCR	R290	-35 to 0	ASHRAE LBP	349	1,84	-	-
EMC3134U	L/MBP	220-240V 50Hz	1/3	7,95	RSCR	R290	-35 to 0	ASHRAE LBP	417	1,85	-	-
EMX2134U	LBP	220-240V 50Hz	1/2	9,04	CSIR	R290	-40 to -10	ASHRAE LBP	439	1,55	-	-
EMC3140U	L/MBP	220-240V 50Hz	1/2	9,04	RSCR	R290	-35 to 0	ASHRAE LBP	459	1,77	-	-
EMC3145U	L/MBP	220-240V 50Hz	1/2	11,14	RSCR	R290	-35 to 0	ASHRAE LBP	559	1,75	-	-
EMC1150U	LBP	220-240V 50Hz	1/2	12,21	RSCR	R290	-40 to -10	ASHRAE LBP	616	1,65	-	-
EMX6144U	MBP	220-240V 50/60Hz	1/5	4,53	CSIR	R290	-20 to 10	ASHRAE HBP	641	2,82	767	2,63
EMX6152U	MBP	220-240V 50/60Hz	1/4	5,19	CSIR	R290	-20 to 10	ASHRAE HBP	712	2,79	841	2,81
EMX6165U	MBP	220-240V 50/60Hz	1/4	6,09	CSIR	R290	-20 to 10	ASHRAE HBP	837	2,72	987	2,62
EMX6181U	MBP	220-240V 50/60Hz	1/3	6,92	CSIR	R290	-20 to 10	ASHRAE HBP	975	2,9	1154	2,84
EMY6181U	MBP	220-240V 50Hz	1/3	6,92	CSIR	R290	-20 to 10	ASHRAE HBP	960	2,67	-	-
EMX6210U	MBP	220-240V 50Hz	1/3	9,04	CSIR	R290	-20 to 10	ASHRAE HBP	1266	2,68	-	-
EMY6210U	MBP	220-240V 50Hz	1/3	9,04	CSIR	R290	-20 to 10	ASHRAE HBP	1240	2,41	-	-

Most efficient models LBP and L/MBP



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