

embraco

Compressor Offering

United States and
Canada

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Embraco has been at the forefront of cooling solutions for the last 48 years, setting the global benchmark in quality, technical excellence, and practical, sustainable innovation for the refrigeration industry.



1 IN 5

COMPRESSORS IN
THE WORLD HAS THE
EMBRACO BRAND

One in five compressors in the world are manufactured by Embraco, and we take that responsibility seriously. Business owners, OEMs and contractors choose Embraco because our products are developed with a commitment to innovation partnership, and a conscious effort to give people a better quality of life. We prioritize continued research and development so that we can offer efficient, cost-saving, and environmentally friendly compressors and cooling solutions to the international market.

COMMERCIAL APPLICATIONS

Embraco - Household and Commercial Compressor Families

COMMERCIAL APPLICATIONS

TYPE	FAMILY	HP	KEY BENEFITS	CATEGORY	COMMERCIAL APPLICATIONS	TECHNICAL FEATURES
On-Off/ Fixed Speed	EM	Up to 1/2HP	Compact Size Low Noise Low Vibration	Household Supermar- ket/C-stores Professional Kitchen Medical	Bottle Cooler Chest Freezers Reach-in refrigerator Horizontal Freezers; Undercounter;Prep Table; Back Bars Beverage Dispenser; Fountain; Water Fountain Medical Refrigerator (Undercounter and Upright) Medical Incubator Coffins Islands (MBP)	Available for R-134a, R-404A, R-290, R-600a L/M/HBP R-134a -> L/M/HBP R-404A -> LBP/MBP R-290 -> L/MBP R-600a -> LBP
On-Off/ Fixed Speed	F	1/4 to 1/2HP	Low Noise Low Vibration Robustness (Application Flexibility) High Starting Torque	Supermar- ket/C-stores Professional Kitchen	Bottle Cooler Chest Freezers Coffins Islands (MBP) Reach-in refrigerator Service Cases (Dessert and Butcher) Horizontal Freezers; Undercounter;Prep Table; Back Bars	Available for R-134a and R-290 L/M/HBP R-134a -> L/MBP & L/M/HBP R-290 -> L/MBP
On-Off/ Fixed Speed	NE	1/6 to 1HP	Wide range of applications High Starting Torque High efficiency Robustness (Application Flexibility)	Supermar- ket/C-stores Professional Kitchen	Bottle Cooler Chest Freezers Grab N Go Self Contained Coffins Islands (LBP) Reach-in Refrigerators and Freezers Service Cases (Dessert and Butcher) Horizontal Freezers; Undercounter;Prep Table; Back Bars Ice Machines Medical Freezers (Undercounter & Upright) Slushy Machine	Available for R-134a, R-404A, R-290 LBP & MBP
On-Off/ Fixed Speed	NJ	1 to 1 1/2HP	Robustness (Application Flexibility) High Starting Torque Ultra Low Temperature	Supermar- ket/C-stores Professional Kitchen	Grab N Go Self Contained Cold Rooms Service Cases (Dessert and Butcher) Reach-in Freezers Blast Chilers	Available for R-134a, R-404A, R-508b UL/L/MBP LBP & MBP for R-404A MBP for R-134a ULT for R-508b

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TYPE	FAMILY	HP	KEY BENEFITS	CATEGORY	COMMERCIAL APPLICATIONS	TECHNICAL FEATURES
On-Off/ Fixed Speed	NT	1/2 to 1 1/2 HP	Robustness (Application Flexibility) Ultra Low Temperature Applicable for Medical & Scientific ULT refrigerators Low noise and vibration High reliability in the different operating conditions Wide range of applications with a dual voltage version High Starting Torque	Supermarket/C-stores Professional Kitchen Medical	Bottle Cooler Service Cases (Dessert and Butcher) Reach-in Refrigerators and Freezers Coffins Islands (LBP) Grab N Go Self Contained Cold Rooms Slushy Machines Horizontal Freezers; Undercounter; Prep Table; Back Bars Blast Chillers Ice Machines Medical Freezers (Upright) Medical Ultra Low Temperature	Available for R-134a, R-404A, R-290, R-170, R-508b UL/L/MBP LBP & MBP for R-404A LBP & MBP for R-134a LBP & MBP for R-290 ULT for R-508b & R-170
Variable Speed Com- pressor	VNE	3/4 to 1	High efficiency Noise reduction (average 5dBA) Robustness (Application Flexibility) Temperature Control	Supermarket/C-stores Professional Kitchen Medical	Coffins Islands (L/MBP) Ice Machines Medical Freezer (Undercounter and Upright) Medical Ultra Low Temperature	Available for R-134a, R-404A and R-290 -The models are available in 220V version. UL/L/MBP
Variable Speed Com- pressor	FMF	1/2 to 3/4hp	High efficiency Bi-Voltage Inverter Optional PFC Inverter Low Noise and Vibration Enable tight temperature control Robustness (Application Flexibility) High Starting Torque Compact Size	Supermarket/C-stores Professional Kitchen Medical	Bottle Cooler Coffins Islands (L/MBP) Reach-in Freezers Horizontal Freezers; Undercounter; Prep Table; Back Bars Ice Machines Medical Ultra Low Temperature	Available for R-290, R-170 UL/L/MBP L/MBP for R-290 ULT for R-170
Variable Speed Com- pressor	FMX	1/3hp	Compact Size Low Noise and Vibration Enable tight temperature control Optional PFC Inverter	Professional Kitchen Medical	Horizontal Freezers; Undercounter; Prep Table; Back Bars Medical Refrigerator (Undercounter and Upright) Medical Freezer (Undercounter and Upright) Medical Ultra Low Temperature	Available for R600a L/MBP

HOUSEHOLD APPLICATIONS

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HOUSEHOLD

TYPE	FAMILY	KEY BENEFITS	HOUSEHOLD APPLICATIONS	REFRIGERANT	APPLICATION	DISPLACEMENT
On-Off/- Fixed Speed	EG	Low noise Low vibration	Freezers (Upright and Chest)	Available for R-134a and R-600a	L/MBP	5 - 15cc
On-Off/- Fixed Speed	EM	Compact Size Low Noise Low Vibration	Freestanding Refrigerators (Top Mount and Bottom Freezer) Freestanding Refrigerators (French Door and Side by Side) Freezers (Upright and Chest) Built In Applications (Bottom Freezer, French Door, Side by Side) Built In Applications (Under- counter, wine cooler)	Available for R-134a, R-600a	L/M/HBP	3 - 12cc
Variable Speed Com- pressor	VEM	Low noise Precise temperature control & stability Wide application range	Freestanding Refrigerators (Top Mount and Bottom Freezer) Freestanding Refrigerators (French Door and Side by Side) Freezers (Upright and Chest) Built In Applications (Bottom Freezer, French Door, Side by Side) Built In Applications (Under- counter, wine cooler) Built In Columns	Available for R-134a and R-600a;	L/M/HBP	3 - 11cc
Variable Speed Com- pressor	VES	Low Noise Precise temperature control & stability Reduced Energy consumption Fast cooling	Freestanding Refrigerators (French Door and Side by Side) Built In Applications (Bottom Freezer, French Door, Side by Side) Built In Columns	Available for R-134a, R-600a and R-290	L/MBP	3 - 13cc

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