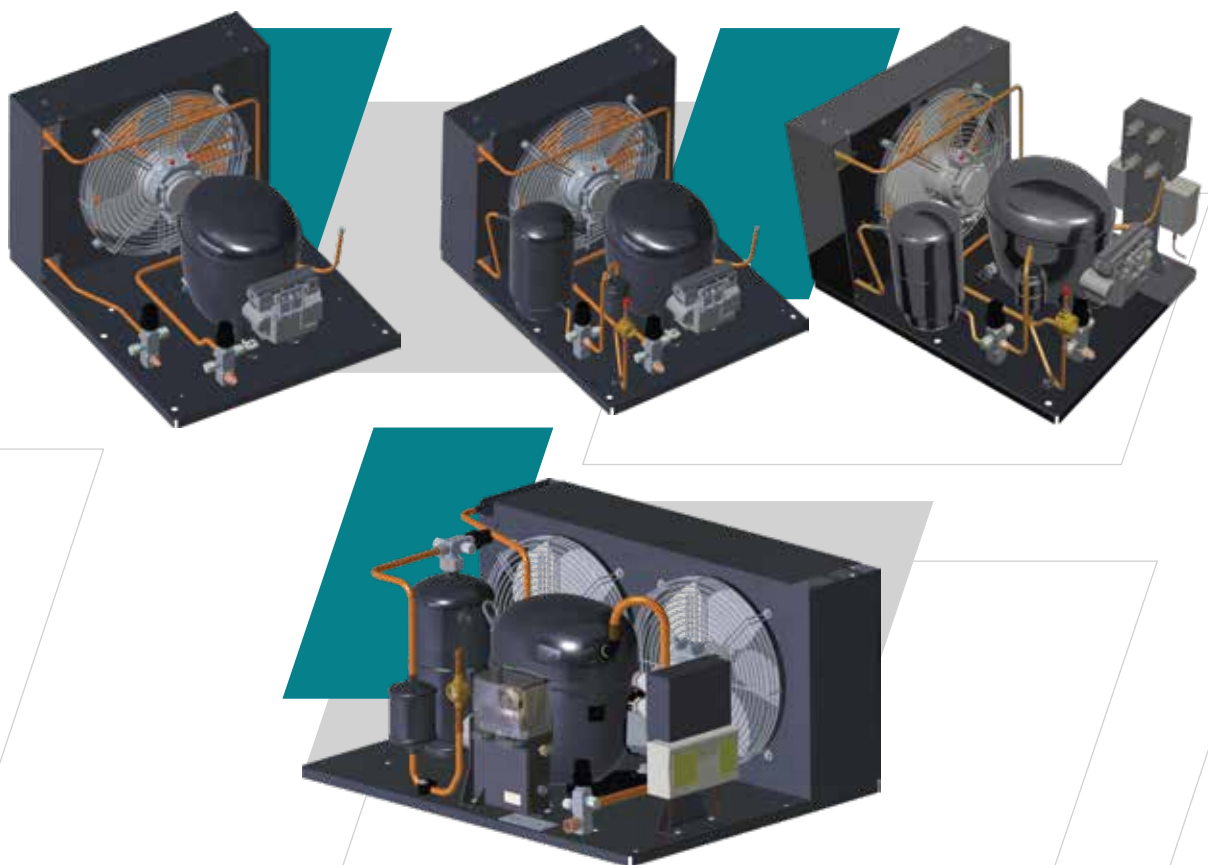


Second Generation Condensing Units



The same **trusted quality standards** you know in our compressors, now available in our high efficient and easy to service condensing units.

Why choose an Embraco condensing unit?



Reliability: Embraco quality standards in every component



Matching parts: carefully dimensioned components and compressor-condenser set



Reduced complexity on unit selection, supply chain and production processes



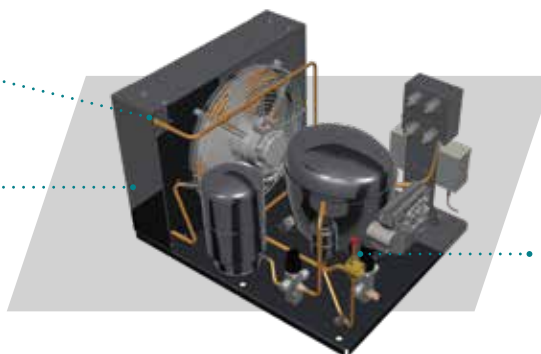
Ease of service: standard electrical connections and commonly found components.

High quality and sturdiness

 Designed for 110°F ambient temperature

Anti-Corrosion
Painting on Coils

Condenser
Coil Protection



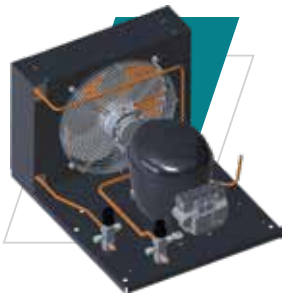
Factory Charged
Nitrogen Holding

Simplified features selection

Everything in the new portfolio was thought to facilitate installation, maintenance and parts replacement.

3 options of upgrade levels for you to choose

Version	Suction Valve	Liquid Valve	Fan Guard	End Cover	Liquid Receiver	Sight Glass	Filter Drier	Pressure Controls	Power Cord	UL Recognized
Bare	✓	✓	✓	✓					✓	✓
Plus	✓	✓	✓	✓	✓	✓	✓		✓	✓
Ultimate	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



Bare:

Suction and liquid valves, fan guard, end cover, power cord



Plus:

Bare + Liquid receiver, sight glass and filter drier



Ultimate & Ultimate Compact:

Plus + Pressure switch, terminal block and electrical box

Ultimate compact

Low profile unit



Optimal solution for equipment with **height restriction**
Ideal for bottom and top mount reach-ins and display cases



Wider Condenser

Suitable for food service and food retail

The portfolio covers solutions for service cases, upright refrigerators, undercounter freezers, prep tables, reach-ins and merchandisers.

The second generation CDUs were developed for the **american market**, compliant with **UL requirements** and designed with **commonly found components** and **standard electrical connections**.



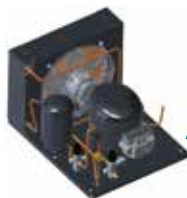
Condensing units line up

1/10HP – 1 ½ HP

R134a, R513A, R404A, R448A, R449A
LBP, MBP, L/MBP



UF



UNE



UNT

1/10 HP

1/3 HP

3/4 HP

1.1/2 HP



Product Range

**R134a
and
R513A**



L/MBP

Ideal for upright refrigerators, prep tables, undercounter refrigerators and display cases

Application	Version	Voltage/ Frequency	1/10HP	1/5HP	1/4HP	1/3HP
			Compressor Model			
L/MBP	Bare	115/60Hz	FFU80HAX	FF10HBX	FFU130HAX	FFU160HAX
		208-230V/60Hz				FFU160HAX
	Plus	115V/60Hz	FFU80HAX	FF10HBX	FFU130HAX	FFU160HAX
		208-230v/60Hz				FFU160HAX
	Ultimate	115V60Hz				FFU160HAX
		208-230V/60Hz				FFU160HAX

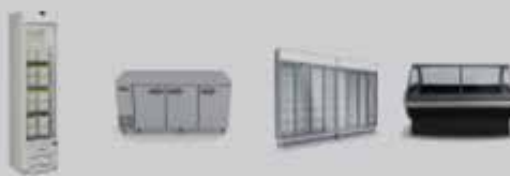
MBP

Ideal for service cases and glass-door merchandisers

Application	Version	Voltage/ Frequency	2/5HP	1/2HP	3/5HP	1HP
			Compressor Model			
MBP	Bare	115/60Hz				
		208-230V/60Hz				
	Plus	115V/60Hz	NEU6212Z	NEU6214Z	NT6220Z	NTU6224ZV
		208-230v/60Hz	NEU6212Z	NEU6214Z	NT6220Z	NTU6224ZV
	Ultimate	115V60Hz	NEU6212Z	NEU6214Z	NT6220Z	NTU6224ZV
		208-230V/60Hz	NEU6212Z	NEU6214Z	NT6220Z	NTU6224ZV

Product Range

**R404A
R448A
and
R449A**



LBP

Ideal for upright freezers and undercounter freezers

Application	Version	Voltage/ Frequency	1/5 HP	1/3 HP	3/5 HP	3/4 HP	7/8 HP	1 HP	1 1/4 HP
			Compressor Model						
LBP	Bare	115V/60Hz	NEK2121GK						
		208-230V/60Hz							
	Plus	115V/60Hz	NEK2121GK	NEU2140GK	NEU2168GK	NEU2178GK	NT2180GK	NT2192GK	
		208-230V/60Hz		NEU2140GK	NEU2168GK	NEU2178GK	NT2180GK	NT2192GK	NT2212GK
	Ultimate	115V/60Hz	NEK2121GK	NEU2140GK	NEU2168GK	NEU2178GK	NT2180GK	NT2192GK	
		208-230V/60Hz		NEU2140GK	NEU2168GK	NEU2178GK	NT2180GK	NT2192GK	NT2212GK

MBP

Ideal for service cases and glass-door merchandisers

Application	Version	Voltage/ Frequency	1/4 HP	1/3 HP	2/5 HP	1/2 HP	3/5 HP	5/8 HP	3/4 HP	1 HP	1 1/4 HP	1 2/5 HP
			Compressor Model									
MBP	Bare	115V/60Hz	NEU6181GK	NEU6210GK	NEU6212GK	NEU6214GK						
		208-230V/60Hz										
	Plus	115V/60Hz	NEU6181GK	NEU6210GK	NEU6212GK	NEU6214GK	NEU6215GK	NT6220GKV	NT6222GKV	NTU6232GKV		
		208-230V/60Hz					NEU6215GK	NT6220GKV	NT6222GKV	NTU6232GKV		NTU6240GKV
	Ultimate	115V/60Hz		NEU6210GK	NEU6212GK	NEU6214GK	NEU6215GK	NT6220GKV	NT6222GKV	NTU6232GKV		
		208-230V/60Hz					NEU6215GK	NT6220GKV	NT6222GKV	NTU6232GKV		NTU6240GKV
	Ultimate Compact	115V/60Hz				NT6220GKV				NTU6232GKV		
		208-230V/60Hz				NT6220GKV				NTU6232GKV	NTU6240GKV	

Nomenclature

U	NE	0150	L	G	D
Use	Family	HP	App.	Refrig.	Input voltage
U - Indoor	EM	Example	L - LBP	G - R404A	B - 220V/1/50-60Hz
	FF	0150 : 1.50 HP	M - MBP	Z - R134a	D - 208-230V/1/60Hz
	NE	0025 : 0.25 HP	X - L/MBP	U - R290	E - 115 -127V/1/60Hz
	NT				G - 115V/1/60Hz
	NJ				

A	1	1	A
Condenser	Mechanical Component	Electrical Component	Version
A - Finned condenser	0 - No components	0 - No components	
W - Water cooled	1 - Version	2 - Version	
	2 - Version	3 - Version	
	3 - Version		
	9 - Customized		

Mechanical Component	Electrical Component	Cond. Unit Version
1	1	Bare
2	1	Plus
2	2	Ultimate
3	2	Ultimate Compact
9	9	Customized

For complete technical information,
download the complete
Condensing Units Catalog:
[materials.refrigerationclub.com/
 2nd-generation-cdu](https://materials.refrigerationclub.com/2nd-generation-cdu)





Embraco Product Selector



Embraco Toolbox App

www.embraco.com



Contact the U.S. Motors HVACR Aftermarket team:

8050 W. Florissant Avenue | St. Louis, MO 63136

Phone: 855-487-6686 | Fax: 800-899-2887

Email: HVACRCustomerService@nidec-motor.com

www.usmotors.com

Subject to alteration without previous notice