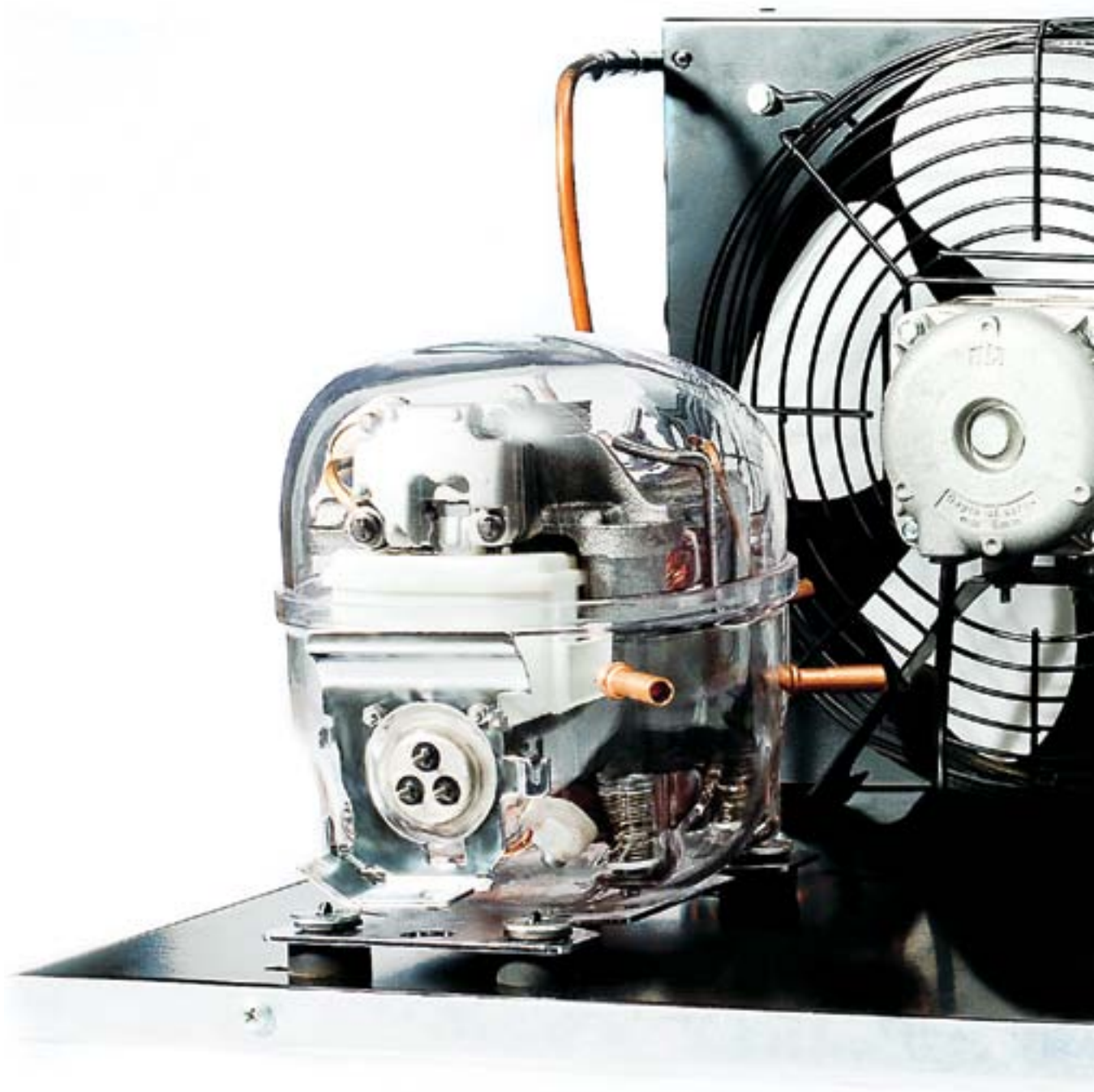
embraco POWER IN. CHANGE ON.



All images used are for illustrative purposes only.

EUROPE
COMMERCIAL CONDENSING UNITS

R-134a | R-404A/R-507 | R-290

EMBRACO IN PILLS

HIGH EFFICIENCY & GREEN SOLUTIONS
EMBRACO COMMERCIAL PRODUCT OVERVIEW

PRODUCT RANGE COMMERCIAL CONDENSING UNITS

General Overview
Applications & Test Conditions
Product Maps 50Hz/60Hz

CONDENSING UNIT SELECTION

How to order your condensing unit
Nomenclature
Families
Voltage & Frequencies
Electrical motor starting torque

Electrical motor types
Accessories & Executions
Basic Accessories of a Cooling System
Packaging
Identification Label

GENERAL DATA AND PERFORMANCE

How to read our catalogue
R-134a
R-404A/R-507
R-290

EXTERNAL VIEWS & WIRING DIAGRAMS

External Views
Wiring Diagrams

EMBRACO IN PILLS

- MORE THAN 11,500 EMPLOYEES
- MORE THAN 400 PROFESSIONALS IN R&D
- PRODUCTION CAPACITY OF OVER 38 MILLION COMPRESSORS PER YEAR
- MORE THAN 400 MILLION PRODUCTS PRODUCED TO DATE
- MORE THAN 1,000 PATENTS WORLDWIDE
- BUSINESS CONDUCTED IN MORE THAN 80 COUNTRIES
- R&D LABORATORIES IN 4 CONTINENTS

EMBRACO is a company specialized in cooling solutions and world leader in the hermetic compressor market. **Our mission:** provide innovative solutions for a better quality of life, always attentive to technological excellence and sustainability.

Technological leadership, operational excellence and sustainability are some of the pillars which ensure the EMBRACO differential over other companies in the world market. Its products are now considered the favorite leading home appliance manufacturers by major automakers and are spotlighted by manufacturers of commercial refrigeration equipment.

With global operations and production capacity exceeding 34 million units a year, the company offers solutions that are differentiated for their innovation and low energy consumption. Its 11,500 employees work in factories and offices located in Brazil (headquarters), China, Italy, Slovakia, Mexico, the United States and Russia.

Energy efficiency is constantly sought in the processes, products and relationships with the communities where it operates. Our company is the absolute leader in this segment, being able to offer products that meet the most restrictive international standards regarding energy consumption.

As a worldwide leader, **EMBRACO** tries to anticipate market changes, and in doing so, our company is in a state of permanent transformation. We continuously assess our processes in order to maintain our leadership within the industry and promote growth, without forgetting the pillars of our organization.

HIGH EFFICIENCY

Energy efficiency is the base for all our product development. This means producing compressors that consume each time less energy and less raw material in manufacturing, at the same time maintaining **Embraco** brand quality. Thus, we continuously invest in research and development to create products that are more efficient and silent and do not harm the environment.

As a result of efforts to increase energy efficiency in our products, and to surpass our customers' highest expectations, we have developed **Embraco Fullmotion** – a compressor that varies the cooling capacity according to the need, providing a reduction in energy consumption up to 40%.

We have a full product portfolio that offers compressors of a wide ranges of efficiency. We are a global benchmark in developing solutions that meet the strictest international standards regarding energy consumption. With a commitment to seek continuous product and process improvement, each new generation of **Embraco** compressors is more efficient than the previous one.

GREEN SOLUTIONS

Embraco has always been committed to offer solutions to the market that go beyond the traditional ones. We have been at the forefront, for example, in launching products compatible with the most environmentally advanced refrigerant gases. We were the first organization to produce compressors that use alternative fluid refrigerants, such as propane (R290), to replace CFCs.

This natural refrigerant has important ecological advantages, since it does not contribute to ozone layer deterioration, nor to the greenhouse effect. Furthermore, its noise levels are low, while its efficiency rate gain and cooling capacity is quite high. To know our product portfolio in R290 contact our sales team.

YOUR BEST CHOICE IN CONDENSING UNITS

Embraco, the technology and market leader in hermetic refrigeration systems reinforces its talent for innovation and creates a new business unit. Partnership is the key word that translates, innovative and exclusive solutions. A global structure of **Engineering, Manufacturing and Laboratories** ensures a quick response to customer requirements, offers a complete line of refrigeration products including: Condensing Units, Sealed Refrigeration Units, Heat Exchangers and other components; all developed from specific customer needs and designed for a wide range of applications.

Advantages

- **Flexible range of solutions - From the manufacturing of a product originally designed** by the customer to turnkey solutions, including the development and production of a customized line of Condensing Units and Refrigeration Sealed Units;
- **Optimized development costs and timing –allowing customers to focus on other** competencies, such as the design and manufacturing of cabinets and the marketing of end products;
- **Simpler supplier base** - Fewer purchased items and inventory management
- **Reduced complexity** - of manufacturing processes

FEATURES AND BENEFITS

Complete line from **1/7** to **2 HP**

Units available for **R-134a, R-404A / R-507 and R-290**

100% factory tested

Reliable, quiet and **efficient** hermetic compressors

Corrosion resistant materials

Capable of operating under high ambient temperatures and **pressures**

UL approved for **60Hz** version

Customized design (external casing, accessories)

Low maintenance

ROHS free, PED 97/23/CE - clause 3 par. 3

Great ecological appeal

EMBRACO COMMERCIAL PRODUCT OVERVIEW

Applications & Test conditions

LBP

(LOW BACK PRESSURE)
LOW EVAPORATING TEMPERATURES (LOWER THAN -20 °C)

APPLICATIONS:
REFRIGERATORS, FROZEN FOOD CABINETS, FROZEN FOOD DISPLAY CASES, DISPLAY WINDOWS, ETC.

M/HBP

(MEDIUM / HIGH BACK PRESSURE)
EVAPORATING TEMPERATURES BETWEEN -20°C AND +10°C;

APPLICATIONS: COOLERS, MERCHANDISERS, ETC

MBP

(MEDIUM BACK PRESSURE)
MEDIUM EVAPORATING TEMPERATURES (HIGHER THAN -20 °C);

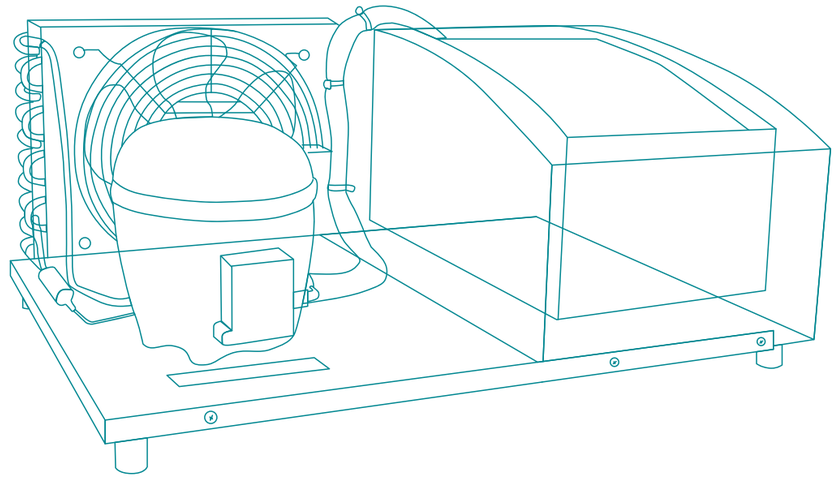
APPLICATIONS:
FRESH FOOD CABINETS, DRINK COOLERS, ICE MAKERS ETC.

HBP

(HIGH BACK PRESSURE)
EVAPORATING TEMPERATURES, BETWEEN -15 AND +10;

APPLICATIONS:
FRESH FOOD CABINETS, DRINK COOLERS, ICE MAKERS, DEHUMIDIFIERS ETC.

TEST CONDITIONS (RATING POINT)	APPLICATION	EVAPORATING TEMPERATURE C°	GAS RETURN TEMPARETURE C°	SUBCOOLING	COMPRESSOR AMBIENT TEMPERATURE C°
EN 13215	LBP		20 (or 10K)		32
	M/HBP		20 (or 10K)		32
ASHRAE SUBCOOLED	LBP	-23,3	32,2	3K	32,2
	M/HBP	7,2	32,2	3K	32



Embraco Commercial Product Overview

EUROPE RANGE


EMT


NEK


NT


NJ

BRAZIL RANGE


EM


F


EG

CONDENSING UNIT


UEMT


UNEK


UNT


UNJ

FULLMOTION


VEM


VEG


VNEK

Europe Range Commercial Condensing Units

UEMT

- Low noise
- High efficiency level
- Compact size

AVAILABLE FOR
R-134A, R-404A, R-290
APPLICATION:
LBP,M/HBP
COMPRESSOR FROM
4.0 CC TO 8.0 CC

UNEK

- Low noise
- Low vibrations
- High reliability in severe working conditions

AVAILABLE FOR
R-134A, R-404A, R-290
APPLICATION:
LBP,M/HBP
COMPRESSOR FROM
7.3 CC TO 16.8 CC

UNT

- High efficiency level
- Very low sound level
- High cooling capacity at low evaporating temperatures

AVAILABLE FOR
R-134A, R-404A
APPLICATION:
LBP,M/HBP
COMPRESSOR FROM
12.6 CC TO 22.4 CC

UNJ

- Small size platform
- High energy efficiency
- Reduced noise level

AVAILABLE FOR
R-134A, R-404A
APPLICATION:
LBP,M/HBP
COMPRESSOR FROM
21.7 CC TO 34.4 CC

UGNJ

Available for **R-134a, R-404A, R-407C**

Parallel connected compressors with two or three fans

Possibility to change performance by controlling of compressors and fans

Product Maps 50Hz
CONDENSING UNITS PRODUCT MAP 50HZ/DUAL FREQ./3Ø

50Hz 50-60Hz	R-134a								R-404A / R-507								R-290							
	LBP	VOLT. FREQ.	COOL. CAP. [W]	DISPL. [cc]	M/HBP	VOLT. FREQ.	COOL. CAP. [W]	DISPL. [cc]	LBP	VOLT. FREQ.	COOL. CAP. [W]	DISPL. [cc]	M/HBP	VOLT. FREQ.	COOL. CAP. [W]	DISPL. [cc]	LBP	VOLT. FREQ.	COOL. CAP. [W]	DISPL. [cc]	HBP	VOLT. FREQ.	COOL. CAP. [W]	DISPL. [cc]
UEMT	UEMT49HLP	A	150	5.56	UEMT6144Z	A	573	5.19	UEMT2125GK	A	369	5.96	UEMT6144GK	A	649	3.97								
					UEMT6160Z	A	758	6.76					UEMT6152GK	A	676	4.50								
					UEMT6170Z	A	820	7.69					UEMT6165GK	A	858	5.19								
UNEK	UNEK1116Z	A	203	7.37	UNEK6187Z	A	958	9.99	UNEK2125GK	A	410	6.2	UNEK6181GK	A	1252	7.28	UNEK2121U	A	246	6.2	UNEK6210U	A	1120	8.77
	UNEK1118Z	A	244	8.39	UNEK6210Z	A	1228	12.11	UNEK2134GK	A	490	8.77	UNEK6210GK	A	1302	8.77	UNEK2125U	A	314	7.28	UNEK6213U	A	1328	12.11
	UNEK2116Z	A	197	7.37	UNEK6212Z	A	1448	14.28	UNEK2150GK	A	639	12.11	UNEK6213GK	A	1531	12.11	UNEK2134U	A	441	9.99				
	UNE2121Z	A	308	9.27	UNEK6214Z	A	1492	16.80	UNEK2168GK	A	840	14.28	UNEK6217GK	A	1946	14.28								
UNT					UNT6215Z	N	1483	17.39	UNT2168GK	N	832	14.5	UNT6217GK	A	1912	12.55					UNT6217U	A	1694	14.5
					UNT6217Z	A	1863	20.44	UNT2178GK	A	910	17.39	UNT6220GK	N	2124	14.50					UNT6220U	A	1882	17.4
					UNT6220Z	N	1970	20.37	UNT2180GK	A	1,026	20.44	UNT6222GK	A	2389.5	17.39					UNT6222U	A	2117	20.4
					UNTU6224Z	A	2670	27.80	UNT2192GK	A	1,146	22.37	UNT6226GK	A	3016	20.37								
									UNT2212GK	A	1,443	27.80												
UNJ					UNJ6220Z	A	2363	26.11	UNJ2192GK	A	1,198	26.11	UNJ9226GK	V	3141	20.71								
					UNJ6226Z	A	3006	34.38	UNJ2192GS	M	1,081	26.11	UNJ9226GS	M	2720	20.71								
					UNJ6220ZX	M	2285	26.11	UNJ2212GK	A	1,599	34.38	UNJ9232GK	A	3474	26.11								
					UNJ6226ZX	M	2796	34.38	UNJ2212GS	M	1,599	34.38	UNJ9232GS	M	3365	26.11								
													UNJ9238GK	V	4104	32.67								
													UNJ9238GS	M	4419	32.67								
UGNJ (gemini)					UGNJ6220ZX	M	4570	2x26,11	UGNJ2192GK	A	2,396	2x26,11	UGNJ9226GK	V	6082	2x20,71								
					UGNJ6226ZX	M	6012	2x34,38	UGNJ2192GS	M	2,162	2x26,11	UGNJ9226GS	M	5440	2x20,71								
									UGNJ2212GK	A	3,198	2x34,38	UGNJ9232GK	A	6722	2x26,11								
									UGNJ2212GS	M	3,198	2x34,38	UGNJ9232GS	M	6730	2x26,11								
													UGNJ9238GK	V	8208	2x32,67								
													UGNJ9238GS	M	8332	2x32,67								

* CECOMAF Rated Point ** ASHRAE RATED POINT

Product Maps 60Hz
CONDENSING UNITS PRODUCT MAP 60Hz

60Hz	R-134a				R-404A / R-507							
	M/HBP	VOLT. FREQ.	COOL. CAP. [W]	DISPL. [cc]	LBP	VOLT. FREQ.	COOL. CAP. [W]	DISPL. [cc]	M/HBP	VOLT. FREQ	COOL. CAP. [W]	DISPL. [cc]
UNEK	UNEK6170Z	G	963	8,39	UNEK2134GK	G	526	8,77	UNEK6144GK	G	713	4,51
	UNE6187Z	D/G	1320	12,11	UNEK2150GK	G	785	12,11	UNEK6210GK	D/G	1609	8.77
	UNEK6210Z	G	1394	12,11					UNEK6213GK	D/G	1951	12.11
	UNEK6212Z	B	1412	14,28								
	UNEK6212Z	G	1425	14.28								
	UNEK6214Z	D/G	1732	16.80								
UNT	UNT6215Z	D/G	1890	17.39	UNT2192GK	D/G	1,019	22,37	UNT6220GK	G	2683	14.5
	UNT6217Z	D/G	2167	20.44	UNT2212GK	D/G	1,735	27.80				
	UNT6217Z	D/G	2185	20.44								
UNJ	UNJ6220Z	D/G	2673	26.20	UNJ2192GK	D	1,265	26.20	UNJ9226GK	D	3850	21.7
	UNJ6226Z	D	2996	34.37	UNJ2212GK	D	1,871	34.37	UNJ9232GK	D	4753	26.11

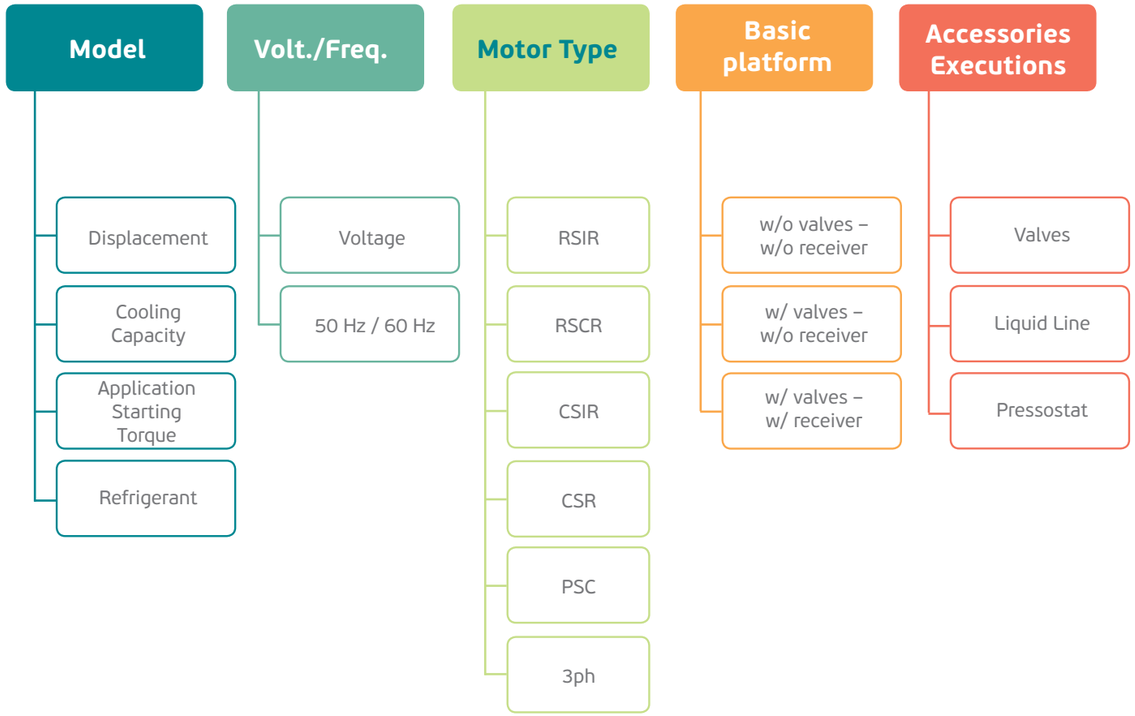
Cool. Cap. **ASHRAE / Rated Point**

Volt./Freq.
A 220-240V/50Hz 1 ~ B 208-230V/60Hz D 208-230V/60Hz 1 ~ G 115V/60Hz 1 ~
N 200-240V/50Hz (230V/60Hz) 1 ~ V 230V/50Hz 1 ~ M 380-420V/50Hz 3 ~

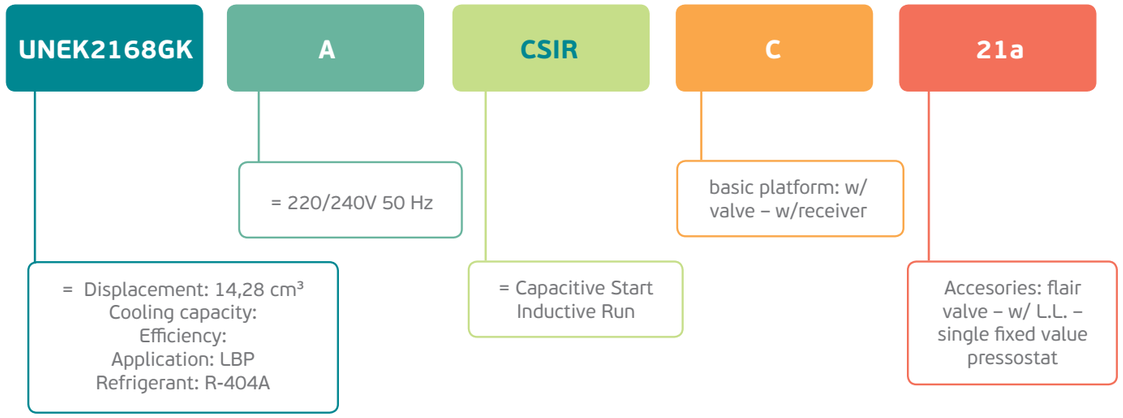
CONDENSING UNIT SELECTION

HOW TO ORDER YOUR CONDENSING UNIT

Ordering Code



Example:



NOTE: not all combination are possible

Model | Volt./Freq. | Motor Type | Basic platform | Accessories Executions

Nomenclature

UEM/UNEK/UNT/UNJ

- Condensing Units Families: UEMT UNEK UNJ UNT
- Application Code: 1.LBP - LST; 2.LBP - HST; 5.HBP - LST; 6.HBP - HST; 9.MBP/HBP - HST
- Refrigerant Code:
  - GK = R-404A 1~
  - GS = R-404A 3~
  - Z = R-134a 1~
  - ZX = R-134a 3~
  - U-UH = R-290 1~
- Cooling Capacity: The first digit is the number of zeros that must be added to the last two digits to obtain the cooling capacity (approx) in kcal/h at 50Hz. E.g.:: 144 = 440 kcal/h at 50Hz

UNT 6 226 GK

Families

FAMILIES	LBP			MBP			HBP		
	R-134a	R-404A	R-290	R-134a	R-404A	R-290	R-134a	R-404A	R-290
UEM	✓	✓	✓	✗	✓	✓	✓	✗	✗
UNEK	✓	✓	✓	✗	✓	✓	✓	✗	✗
UNT	✓	✓	✓	✗	✓	✓	✓	✗	✗
UNJ	✓	✓	✗	✗	✓	✗	✓	✗	✗

Voltage & Frequencies

Code	Voltage & Frequency	Voltage Working Range		Minum Start Voltage	
		50Hz	60Hz	50Hz	60Hz
A	220-240V/50Hz 1 ~	198V - 254V		187V	
C	220V/50Hz 1 ~	200V - 242V		187V	
D	208-230V/60Hz 1 ~		187V - 244V		177V
G	115V/60Hz 1 ~		103V-127V		98V
M	380-420V/50Hz 3 ~	332V-445V		323V	
N	200-240V/50Hz (230V/60Hz) 1 ~	180V-254V	207V-253V	170V	195V
V	230V/50Hz 1 ~	207V-253V		195V	

Model | Volt./Freq. | Motor Type | Basic platform | Accessories Executions

Electrical motor starting torque

LST — **Low Starting Torque:**
LBP-MBP-HBP-AC applications with RSIR-RSCR-PSC electric motors. Execution suitable for systems with a capillary tube and with balanced pressures at start up.

HST — **High Starting Torque:**
LBP-MBP-HBP applications with CSIR-CSR electric motors. Execution suitable for systems with expansion valve or capillary, with unbalanced pressures at start up.

Electrical motor types

RSIR — **Resistence Start – Inductive Run**
This motor type , used in the compressor of small power, has a low starting torque (LST) and must be applied only to capillary tube systems where the pressures equalize. The motor is characterized by a start winding with high ohmic resistance and must be disconnected when it reaches the stabilized rotational speed. An electromagnetic relay, calibrated for the motor current, disconnects the start winding at the end of the start up. An alternative to the electromagnetic relay is, for some models, a PTC solid state-starting device.

RSCR — **Resistance Start – Capacitive Run**
Similar to RSIR motor version but uses a PTC solid state starting device and a permanent connected run capacitor to improve its efficiency.

CSIR — **Capacitive Start – Inductive Run**
Similar to RSIR motor version but uses a PTC solid state starting device and a permanent connected run capacitor to improve its efficiency.

CSR — **Capacitive Start & Run**
CSR version with capacitive run and start windings. Same as PSC motor but with a start capacitor in series with the start winding. A potential starting relay, calibrated for each motor, disconnects the start capacitor at the end of the start. The motor is characterized by a high starting torque (HST) and high efficiency.

PSC — **Permanent Split Capacitor:**
PSC version with capacitive run winding. This motor is characterized by the run capacitor permanently connected in series with the start winding; both remain connected even after the motor starts. The starting torque is enough to guarantee that the compressor starts only with balanced pressures in capillary tubes systems or with a pressure equalizer.

3Ø — **Three Phase**
Three-phase windings with star connections

Electrical components

Motor Type	Overload Protector	Starting Device			Capacitors	
		Current Relay	Voltage Relay	PTC	Start	Run
RSIR	✓	✓	✗	✓	✗	✗
RSCR	✓	✗	✗	✓	✗	✓
CSIR	✓	✓	✗	✗	✓	✗
CSR	✓	✗	✓	✗	✓	✓
PSC	✓	✗	✗	✗	✗	✓

Model | Volt./Freq. | Motor Type | Basic platform | Accessories Executions

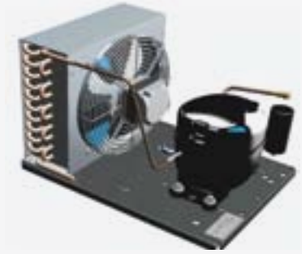
Accessories & Executions

CODE	BASIC PLATFORM	EXECUTIONS					
		CODE	VALVES	CODE	LIQUID LINE	CODE	PRESSOSTAT
A	w/o valves - w/o receiver	0	none				
		1	Shrader valve				
B	w/valves - w/o receiver	2	Flare valve				
		3	Solder valve				
C	w/valves - w/receiver	2	Flare valve	0	none	a	single fixed value pressostat
		3	Solder valve	1	with L.L.	b	single tuning pressostat
						c	dual tuning pressostat

EXAMPLE: basic platform: w/valve – w/receiver -- flare valve – w/ L.L. – single fixed value pressostat
ORDERING CODE: C - 2 - 1 - a

A 0

w/o receiver w/o valves



A 1

w/o receiver w/o valves, w/ shrader valve

B 2 - B 3

w/o receiver w/ valves, w/flare valve – solder valve

C 20 – C 30

w/receiver w/valves, w/ solder valve, NO liquid line

C 21 – C 31

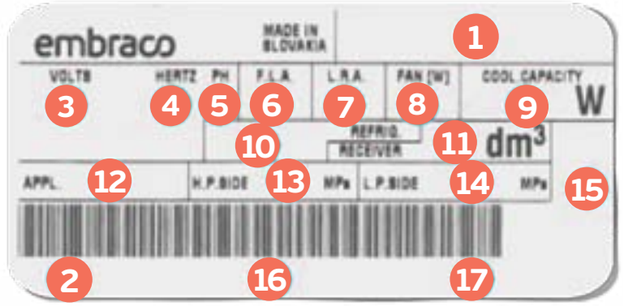
w/ receiver w/valves w/ liquid Line

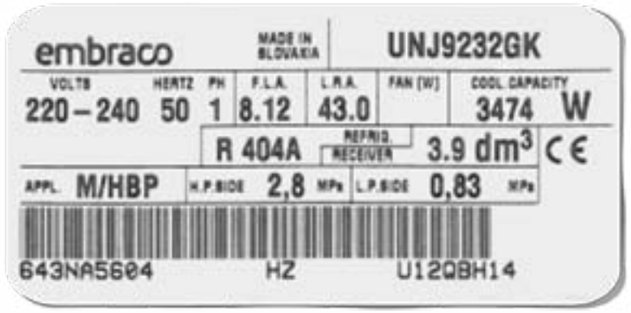
C-2-0-a or C-3-0-a

or **C-2-0-b** or **C-3-0-b**
or **C-2-0-c** or **C3-0-c**
w/receiver w/valves, w/pressostat

Model | Volt./Freq. | Motor Type | Basic platform | Accessories Executions

Label





1. Condensing unit model
2. Condensing unit bill of material
3. Voltage
4. Frequency
5. Phases
6. Full load amperage
7. Locked rotor amperage
8. Fan output
9. Cooling capacity at rated point
10. Refrigerant
11. Receiver volume
12. Application type
13. Maximum pressure at high side
14. Maximum pressure at low side
15. Agency approvals
16. Date of production code
17. serial No.

Packaging

PCS/PALLET	
UEMT	24
UNEK	from 12 to 24
UNT	from 8 to 21
UNJ	from 4 to 12
UGNJ	4

GENERAL DATA & PERFORMANCE

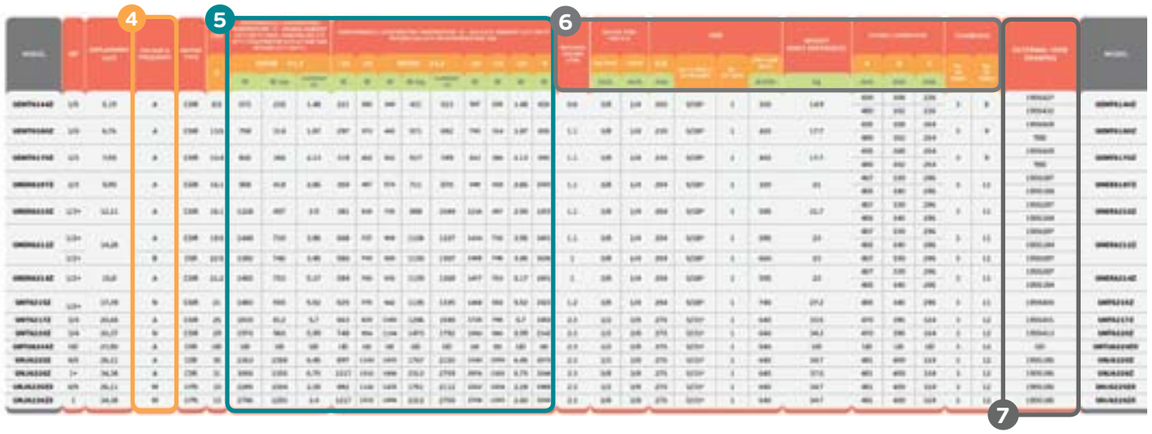
Table index

How to read our catalogue

1 R-134a | R-404A / R-507 | R-290

2 LBP | MBP | M/HBP | HBP

3 50Hz | 60Hz



1. Grouped by refrigerant type
2. Grouped by Application Type
3. Data classified by supply frequency
4. Voltage & Frequency
5. Operative range of evaporating temperature
   Cooling capacity @ rated point ASHRAE & EN13215
6. Components and dimensions
7. Drawing number

R-134a
LBP 50Hz

MODEL	HP	DISPLACEMENT cm3	VOLTAGE & FREQUENCY	MOTOR TYPE	LRA	PERFORMANCE / EVAPORATING TEMPERATURE °C - ASHRAE AMBIENT 32°C (90°F) | MAX. SUBCOOLING 3°C (5°F) | EVAPORATOR OUTLET AND GAS RETURN 32°C (90°F).			PERFORMANCE / EVAPORATING TEMPERATURE °C - EN13215: AMBIENT 32°C (90°F) RETURN GAS 20°C OR SUPERHEATING 10K.								RECEIVER VOLUME LITRE	VALVES TUBE LINE O.D.		FAN				WEIGHT (ONLY REFERENCE)	OVERALL DIMENSIONS			Condenser		EXTERNAL VIEW DRAWING	MODEL
					A	RATED -23,3			-30	-25	RATED -23,3			-20	-15	-10	-5		SUCTION	LIQUID	O.D.	No. & ANGLE OF BLADES	No. OF FANS	AIR FLOW RATE		A	B	C	No. OF ROWS	No. OF TUBES		
						W	W inp	CURRENT (A)	W	W	W	W inp	CURRENT (A)	W	W	W	W		inch	inch	mm			m3(h)	kg	mm	mm	mm				
UEMT49HLP	1/5	5.56	A	RSIR	5,2	150	115	1.02	84	112	142	108	1.02	149	193	246	301	-	3/8	1/4	200	5/28º	1	360	14	430	306	226	2	8	1955382	**UEMT49HLP**
UNEK1116Z	1/4	7.37	A	RSIR	5.3	203	182	1.07	112	151	174	156	1.07	201	260	331	406	-	3/8	1/4	200	5/28º	1	360	14.90	430	306	226	2	8	1955183	**UNEK1116Z**
																										480	300	226			1955191	
UNEK1118Z	1/3	8.39	A	RSIR	6.9	244	185	1.19	141	188	209	158	1.19	251	330	420	522	-	3/8	1/4	200	5/28º	1	360	15.30	430	306	226	2	8	1955183	**UNEK1118Z**
																										480	300	226			1955191	
UNEK2116Z	1/4	7.37	A	CSIR	10	197	191	7.37	124	156	168	163	7.37	200	265	341	439	-	3/8	1/4	200	5/28º	1	360	15.40	430	306	226	2	8	1955183	**UNEK2116Z**
UNE2121Z	1/3	9.27	A	CSIR	12.6	308	269	2.00	202	263	291	254	2.00	349	451	566	692	0.6	3/8	1/4	200	5/28º	1	300	16.40	430	306	226	3	8	1955183	**UNE2121Z**

NOTES: Expansive device C except UNEK2116Z and UNE2121Z. It is C-V. **Application range** in 43°C (-30 to -5)

R-134a
HBP 50Hz

MODEL	HP	DISPLACEMENT cm3	VOLTAGE & FREQUENCY	MOTOR TYPE	LRA	PERFORMANCE / EVAPORATING TEMPERATURE °C - ASHRAE AMBIENT 32°C (90°F) | MAX. SUBCOOLING 3°C (5°F) | EVAPORATOR OUTLET AND GAS RETURN 32°C (90°F).			PERFORMANCE / EVAPORATING TEMPERATURE °C - EN13215: AMBIENT 32°C (90°F) RETURN GAS 20°C OR SUPERHEATING 10K.										RECEIVER VOLUME LITRE	VALVES TUBE LINE O.D.		FAN				WEIGHT (ONLY REFERENCE)	OVERALL DIMENSIONS			Condenser		EXTERNAL VIEW DRAWING	MODEL
					A	RATED 7,2			-15	-10	-5	0	5	RATED 7,2			10		SUCTION	LIQUID	O.D.	No. & ANGLE OF BLADES	No. OF FANS	AIR FLOW RATE		A	B	C	No. OF ROWS	No. OF TUBES		
						W	W inp	RLA	W	W	W	W	W	W	W inp	CURRENT (A)	W		inch	inch	mm			m3(h)	kg	mm	mm	mm				
UEMT6144Z	1/5	5,19	A	CSIR	8,5	573	235	1.48	221	280	349	431	523	567	235	1.48	625	0.6	3/8	1/4	200	5/28º	1	300	14.9	430	308	226	3	8	1955427	**UEMT6144Z**
																										480	302	226			1955432	
UEMT6160Z	1/4	6,76	A	CSIR	13,5	758	314	1.87	297	373	465	571	692	750	314	1.87	825	1.1	3/8	1/4	230	5/28º	1	420	17.7	435	308	254	3	9	1955428	**UEMT6160Z**
																										480	302	254			1955450	
UEMT6170Z	1/3	7,69	A	CSIR	10.4	820	366	2.13	318	402	502	617	749	812	366	2.13	893	1.1	3/8	1/4	230	5/28º	1	420	17.7	435	308	254	3	9	1955428	**UEMT6170Z**
																										480	302	254			1955450	
UNEK6187Z	1/3	9,99	A	CSIR	16.1	958	418	2.86	359	457	574	711	870	949	418	2.86	1043	1.1	3/8	1/4	254	5/28º	1	320	21	467	339	296	3	11	1955287	**UNEK6187Z**
																										465	340	296			1955184	
UNEK6210Z	1/3+	12,11	A	CSIR	16.1	1228	497	2.9	381	530	735	888	1044	1216	497	2.90	1203	1.1	3/8	1/4	254	5/28º	1	595	21.7	467	339	296	3	11	1955287	**UNEK6210Z**
																										465	340	296			1955184	
UNEK6212Z	1/2+	14,28	A	CSIR	19.5	1448	730	3.95	568	727	908	1106	1327	1434	730	3.95	1601	1.1	3/8	1/4	254	5/28º	1	595	23	467	339	296	3	11	1955287	**UNEK6212Z**
																										465	340	296			1955184	
	1/2+		B	CSR	22.5	1382	746	3.45	580	743	928	1130	1357	1465	746	3.45	1636	1	3/8	1/4	254	5/28º	1	660	23	467	339	296	3	11	1955414	
UNEK6214Z	1/2+	16,8	A	CSIR	21,2	1492	753	5.17	584	750	935	1139	1368	1477	753	5.17	1601	1	3/8	1/4	254	5/28º	1	595	23	467	339	296	3	11	1955287	**UNEK6214Z**
																										465	340	296			1955184	
UNT6215Z	1/2+	17,39	N	CSIR	21	1483	593	5.52	625	775	942	1135	1335	1468	593	5.52	1523	1.2	3/8	1/4	254	5/28º	1	740	27.2	465	340	296	3	11	1955400	**UNT6215Z**
UNT6217Z**	3/4	20,44	A	CSI	25	1830	812	5,7	663	829	1040	1296	1599	1726	766	5.7	1950	2.3	1/2	3/8	275	5/31º	1	640	33.5	470	395	324	3	12	1955401	**UNT6217Z**
UNT6220Z**	3/4	20,37	N	CSI	29	1970	960	5.99	748	954	1194	1473	1792	1950	960	5.99	2142	2.3	1/2	3/8	275	5/31º	1	640	34.3	470	395	324	3	12	1955401	**UNT6220Z**
UNTU6224Z	UD	27,80	A	CSR	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	2.3	1/2	3/8	275	5/31º	1	640	UD	UD	UD	UD	3	12	UD	**UNTU6224ZV**
UNJ6220Z	4/5	26,11	A	CSR	35	2363	1058	6.45	897	1143	1432	1767	2150	2340	1058	6.45	2570	2.3	1/2	3/8	275	5/31º	1	640	34.7	481	409	324	3	12	1955186	**UNJ6220Z**
UNJ6226Z	1+	34,38	A	CSR	31	3006	1355	6.75	1217	1531	1896	2312	2759	2976	1355	6.75	3244	2.3	5/8	3/8	275	5/31º	1	640	37.5	481	409	324	3	12	1955186	**UNJ6226Z**
UNJ6220ZX	4/5	26,11	M	3 Ph	10	2285	1004	2.28	882	1141	1425	1761	2112	2262	1004	2.28	2488	2.3	1/2	3/8	275	5/31º	1	640	34.7	481	409	324	3	12	1955186	**UNJ6220ZX**
UNJ6226ZX	1	34,38	M	3 Ph	13	2796	1293	2.4	1217	1531	1896	2312	2759	2768	1293	2.40	3244	2.3	5/8	3/8	275	5/31º	1	640	34.7	481	409	324	3	12	1955186	**UNJ6226ZX**

NOTES: Expansive device (C-V). **Application range** in 43°C (-15 to +10) **UD** - Under Development

** Available also in CSIR execution and assembly group 1955413

R-134a

HBP 60Hz

MODEL	HP	DISPLACEMENT cm3	VOLTAGE & FREQUENCY	MOTOR TYPE	LRA	PERFORMANCE / EVAPORATING TEMPERATURE °C - ASHRAE AMBIENT 32°C (90°F) MAX. SUBCOOLING 3°C (5°F) | EVAPORATOR OUTLET AND GAS RETURN 32°C (90°F).									RECEIVER VOLUME LITRE	VALVES		FAN				WEIGHT (Only Reference)	OVERALL DIMENSIONS			CONDENSER		DRAWING NUMBER	MODEL
						-15	-10	-5	0	5	RATED 7.2			10		SUCTION	LIQUID	O.D.	No. & ANGLE OF BLADES	No. OF FANS	AIR FLOW RATE		A	B	C	No. OF ROWS	No. OF TUBES		
						W	W	W	W	W	W	W inp	CURRENT (A)	W		inch	inch	mm / inch			m3(h)	kg / lb	mm / inch	mm / inch	mm / inch				
UNEK6170Z	1/4	8,39	CSIR	G	28,5	431	453	557	683	767	963	502	5.35	1121	1	3/8	1/4	230 / 9,06	5/28°	1	480	14,9/33,1	435 / 17,13	306 / 12,05	254 / 10,00	3	9	1955183	**UNEK6170Z**
UNE6187Z	1/3+	12,11	CSIR	D	17,3	571	717	878	1051	1231	1320	672	3.76	1429	1	3/8	1/4	254 / 10,00	5/28°	1	660	16 / 35,6	467 / 18,39	339 / 13,35	296 / 11,65	3	11	1955287	**UNE6187Z**
UNE6187Z	1/3+	12,11	CSIR	G	29	571	717	878	1051	1231	1320	672	7.94	1429	1	3/8	1/4	254 / 10,00	5/28°	1	660	16 /35,6	467 / 18,39	339 / 13,35	296 / 11,65	3	11	1955287	**UNE6187Z**
UNEK6210Z	1/3+	12,11	CSIR	G	37	580	739	911	1098	1300	1394	730	7.74	1515	1	3/8	1/4	254 / 10,00	5/28°	1	660	21,7 / 48,3	467 / 18,39	339 / 13,35	296 / 11,65	3	11	1955287	**UNEK6210Z**
UNEK6212Z	1/2	14.28	CSR	B	22.5	UD	UD	UD	UD	UD	UD	UD	UD	UD	1	3/8	1/4	254 / 10,00	5/28°	1	660	23 / 51,2	467 / 18,39	339 / 13,35	296 / 11,65	3	11	1955287	**UNEK6212Z**
UNEK6214Z	1/2+	16.8	CSIR	D	30	UD	UD	UD	UD	UD	UD	UD	UD	UD	1.3	3/8	1/4	254 / 10,00	5/28°	1	930	23 / 51,2	467 / 18,39	339 / 13,35	296 / 11,65	3	11	1955287	**UNEK6214Z**
UNEK6212Z	1/2	14,28	CSIR	G	40	UD	UD	UD	UD	UD	UD	UD	UD	UD	1	3/8	1/4	254 / 10,00	5/28°	1	660	23 / 51,2	467 / 18,39	339 / 13,35	296 / 11,65	3	11	1955414	**UNEK6212Z**
UNEK6214Z	1/2+	16.8	CSIR	G	48	UD	UD	UD	UD	UD	UD	UD	UD	UD	1.3	3/8	1/4	254 / 10,00	5/28°	1	930	23 / 51,2	467 / 18,39	339 / 13,35	296 / 11,65	3	11	1955414	**UNEK6214Z**
UNT6215Z	1/2+	17.39	CSIR	D	20.8	852	1064	1293	1540	1805	1927	927	5,23	2088	1.3	3/8	1/4	254 / 10,00	5/28°	1	930	27,2 / 60,0	465 / 18,31	340 / 13,39	296 / 11,65	3	11	1955400	**UNT6215Z**
UNT6215Z	1/2+	17.39	CSIR	G	44	852	1064	1293	1540	1805	1927	927	10,45	2088	1.3	3/8	1/4	254 / 10,00	5/28°	1	930	27,2 / 60,0	465 / 18,31	340 / 13,39	296 / 11,65	3	11	1955400	**UNT6215Z**
UNT6217Z	3/4	20.44	CSIR	G	45	UD	UD	UD	UD	UD	UD	UD	UD	UD	2.3	1/2	3/8	275 / 10,83	5/31°	1	720	33,5 / 73,9	470 / 18,50	395 / 15,55	324 / 12,76	3	12	1955410	**UNT6217Z**
UNT6217Z	3/4	20.44	CSIR	D	31	UD	UD	UD	UD	UD	UD	UD	UD	UD	2.3	1/2	3/8	275 / 10,83	5/31°	1	720	33,5 / 73,9	470 / 18,50	395 / 15,55	324 / 12.76	3	12	1955410	**UNT6217Z**
UNJ6220Z	1	26.2	CSR	D	42	1163	1470	1790	2156	2520	2673	1330	8.21	2912	2.3	1/2	3/8	275 / 10,83	5/31°	1	720	34,7 / 76,5	481 / 18,94	409 / 16,10	324 / 12,76	3	12	1955186	**UNJ6220Z**
UNJ6220Z	1	26.2	CSR	G	72	1163	1470	1790	2156	2520	2560	1330	14.72	2912	2.3	1/2	3/8	275 / 10,83	5/31°	1	720	34,7 / 76,5	481 / 18,94	409 / 16,10	324 / 12,76	3	12	1955186	**UNJ6220Z**
UNJ6226Z	1+	34.37	CSR	D	40	1390	1740	2100	2466	2840	2996	1610	9.05	3323	2.3	5/8	3/8	275 / 10,83	5/31°	1	720	37,5 / 82,7	481 / 18,94	409 / 16,10	324 / 12,76	3	12	1955186	**UNJ6226Z**

NOTES: Expansive device (C-V) **Application range** 43°C (-15 to +10) **UD** - Under Development

R-404A / R-507

LBP 50Hz

MODEL	HP	DISPLACEMENT cm3	VOLTAGE & FREQUENCY	MOTOR TYPE	LRA	PERFORMANCE / EVAPORATING TEMPERATURE °C - ASHRAE AMBIENT 32°C (90°F) | MAX. SUBCOOLING 3°C (5°F) | EVAPORATOR OUTLET AND GAS RETURN 32°C (90°F).			PERFORMANCE / EVAPORATING TEMPERATURE °C - EN13215: AMBIENT 32°C (90°F) RETURN GAS 20°C OR SUPERHEATING 10K.										RECEIVER VOLUME LITRE	VALVES TUBE LINE O.D.		FAN				WEIGHT (ONLY REFERENCE)	OVERALL DIMENSIONS			Condenser		EXTERNAL VIEW DRAWING	MODEL
					A	RATED -23,3			-40	-35	-30	-25	RATED -23,3			-20	-15	-10		SUCTION	LIQUID	O.D.	No. & ANGLE OF BLADES	No. OF FANS	AIR FLOW RATE		A	B	C	No. OF ROWS	No. OF TUBES		
						W	W inp	CURRENT (A)	W	W	W	W	W	W inp	CURRENT (A)	W	W	W		inch	inch	mm			m3(h)	kg	mm	mm	mm				
UEMT2125GK	1/2-	5,96	A	CSIR	9.8	369	317	1.72	129	171	225	289	315	271	1.72	366	461	570	1.1	3/8	1/4	230	5/28º	1	420	17.1	435 / 17,13	308 / 12.13	254 / 10.00	3	9	1955428	UEMT2125GK
																			1.1												1955450	
UNEK2125GK	1/2	6,2	A	CSIR	12,4	410	342	2.48	154	191	266	311	350	292	2.48	389	469	585	1.1	3/8	1/4	230	5/28º	1	420	17.1	435 / 17.13	306 / 12.05	254 / 10.00	3	9	1955183	UNEK2125GK
UNEK2134GK	1/2+	8,77	A	CSIR	16,1	490	342	2.77	180	216	315	401	419	292	2.77	476	576	687	1.1	3/8	1/4	254	5/28º	1	595	20.0	467 / 18.39	339 / 13.35	296 / 11.65	3	11	1955287	UNEK2134GK
																			1.1								465 / 18.31	340 / 13.39	296 / 11.65			1955184	
UNEK2150GK	3/4	12,11	A	CSIR	19.5	639	530	3.52	270	322	392	481	546	453	3.52	589	725	880	1.1	3/8	1/4	254	5/28º	1	595	20.0	467 / 18.39	339 / 13.35	296 / 11.65	3	11	1955287	UNEK2150GK
																			1.1								465 / 18.31	340 / 13.39	296 / 11.65			1955184	
UNEK2168GK	1+	14,28	A	CSIR	18,5	840	730	4.17	261	367	484	643	718	624	4.17	825	994	1153	1.1	3/8	1/4	254	5/28º	1	460	23.8	491 / 19.33	340 / 13.39	296 / 11.65	4	11	1955452	UNEK2168GK
																			1.1								465 / 18.31	340 / 13.39	296 / 11.65			1955184	
UNT2168GK	1+	14,5	N	CSR	25.5	832	655	2.92	264	367	492	645	711	560	2.92	810	1013	1246	1.1	3/8	1/4	254	5/28º	1	460	33.8	476 / 18.74	340 / 13.39	296 / 11.65	4	11	1955404	UNT2168GK
UNT2178GK	1 1/4-	17,39	A	CSIR	25	910	655	4.39	311	410	542	710	778	560	4.39	912	1164	1455	1.2	3/8	1/4	254	5/28º	1	460	33.8	476 / 18.74	340 / 13.39	296 / 11.65	4	11	1955404	UNT2178GK
UNT2180GK	1 1/4	20,44	A	CSIR	25	973	701	4.2	321	427	568	749	832	611	4.2	971	1245	1610	1.2	3/8	1/4	254	5/28º	1	460	33.8	476 / 18.74	340 / 13.39	296 / 11.65	4	11	1955404	UNT2180GK
UNT2192GK **	1 1/2	22,37	A	CSR	34.5	1146	842	5.5	394	523	691	896	979	720	5.5	1142	1443	1787	2.3	3/8	1/4	275	5/31º	1	800	36.2	470 / 18.50	395 / 15.55	324 / 12.76	3	12	1955401	UNT2192GK
UNT2212GK **	2-	27.8	A	CSR	33	1443	991	5.25	515	669	873	1130	1233	847	5.25	1437	1819	2258	2.3	1/2	3/8	275	5/31º	1	800	33.8	470 / 18.50	395 / 15.55	324 / 12.76	3	12	1955401	UNT2212GK
								5.84							5.84				2.3			2x254	5/28º	2	1190	40.0	440 / 17.32	600 / 23.62	296 / 11.65	3	11	1955415	
UNJ2192GK	1 1/2	26,11	A	CSR	26	1198	942	4.75	359	495	657	919	1024	805	4.75	1184	1497	1844	2.3	1/2	3/8	275	5/31º	1	800	36.2	481 / 18.94	409 / 16.10	324 / 12.76	3	12	1955186	UNJ2192GK
UNJ2192GS	1 1/4+	26,11	M	3 Ph	13.5	1081	900	2.28	359	495	657	846	924	769	2.28	1063	1320	1605	2.3	1/2	3/8	275	5/31º	1	800	36.2	481 / 18.94	409 / 16.10	324 / 12.76	3	12	1955186	UNJ2192GS
UNJ2212GK	2	34,38	A	CSR	36	1599	1175	6.05	488	717	962	1251	1366.7	1004.3	6.05	1574	1950	2365.77	2.3	5/8	3/8	275	5/31º	1	800	37.0	481 / 18.94	409 / 16.10	324 / 12.76	3	12	1955186	UNJ2212GK
								6.14							6.14				2.3			2x254	5/28º	2	1190	40.0	440 / 17.32	612 / 24.09	296 / 11.65	3	11	1955312	
UNJ2212GS	2+	34,38	M	3 Ph	20.6	1599	1479	2.38	488	717	962	1251	1367	1264	2.38	1574	1950	2366	2.3	5/8	3/8	275	5/31º	1	800	40.0	481 / 18.94	409 / 16.10	324 / 12.76	3	12	1955186	UNJ2212GS

NOTES: Expansive device (C-V). **Application range** in 43°C (-40 to -10)

** Available also in CSIR execution and assembly group 1955413

R-404A / R-507

LBP 60Hz

MODEL	HP	DISPLACEMENT cm3	VOLTAGE & FREQUENCY	MOTOR TYPE	LRA	PERFORMANCE / EVAPORATING TEMPERATURE °C - ASHRAE AMBIENT 32°C (90°F) MAX. SUBCOOLING 3°C (5°F) | EVAPORATOR OUTLET AND GAS RETURN 32°C (90°F).										RECEIVER VOLUME LITRE	VALVES		FAN				WEIGHT (Only Reference)	OVERALL DIMENSIONS			CONDENSER		DRAWING NUMBER	MODEL
						-40	-35	-30	-25	RATED -23.3			-20	-15	10		SUCTION	LIQUID	O.D.	No. & ANGLE OF BLADES	No. OF FANS	AIR FLOW RATE		A	B	C	No. OF ROWS	No. OF TUBES		
						W	W	W	W	W	W inp	CURRENT (A)	W	W	W		inch	inch	mm / inch			m3(h)	kg / lb	mm / inch	mm / inch	mm / inch				
UNEK2134GK	1/2	8,77	CSIR	G	37,5	235	308	398	502	526	472	6	586	742	872	1.1	3/8	1/4	254 / 10,00	5/28º	1	595	17,9 / 39,5	465 / 18,31	340 / 13,39	296 / 11,65	3	11	1955287	UNEK2134GK
UNEK2150GK	1/2+	12,11	CSIR	G	41,5	421	490	583	700	785	477	9	615	911	1190	1.1	3/8	1/4	254 / 10,00	5/28º	1	595	20,0 / 44,1	465 / 18,31	340 / 13,39	296 / 11,65	3	11	1955287	UNEK2150GK
UNT2192GK	1+	22,37	CSR	D	40	756	825	922	1039	1019	690	6	1086	1333	1507	2.3	3/8	1/4	275 / 10,83	5/31º	1	800	36,2 / 79,8	470 / 18,50	395 / 15,55	324 / 12,76	3	12	1955401	UNT2192GK
UNT2192GK	1+	22,37	CSR	G	35	756	825	922	1039	1019	690	15	1086	1333	1507	2.3	3/8	1/4	275 / 10,83	5/31º	1	800	36,2 / 79,8	470 / 18,50	395 / 15,55	324 / 12,76	3	12	1955401	UNT2192GK
UNT2212GK	2 1/4	27.8	CSR	G		720	983	1281	1614	1735	1206	15,95	1981	2382	2818	2.3	1/2	3/8	275 / 10,83	5/31º	1	800	33,8 / 74,5	470 / 18,50	395 / 15,55	324 / 12,76	3	12	1955401	UNT2212GK
UNT2212GK	2 1/4	27.8	CSR	D	45	720	983	1281	1614	1735	1206	6	1981	2382	2818	2.3	1/2	3/8	275 / 10,83	5/31º	1	980	34,7 / 76,5	470 / 18,50	395 / 15,55	324 / 12,76	3	12	1955401	UNT2212GK
UNJ2192GK	1 1/2+	26.2	CSR	D	40	530	715	930	1170	1265	1175	5	1442	1742	2067	2.3	1/2	3/8	275 / 10,83	5/31º	1	720	36,2 / 79,8	481 / 18,94	409 / 16,10	324 / 12,76	3	12	1955186	UNJ2192GK
UNJ2212GK	2 1/4+	34.37	CSR	D	46	721	1037	1360	1730	1871	1370	7	2136	2571	3048	2.3	5/8	3/8	275 / 10,83	5/31º	1	720	40,0 / 88,2	481 / 18,94	409 / 16,10	324 / 12,76	3	12	1955186	UNJ2212GK

NOTES: Expansive device (C-V) **Application range** 43°C (-40 to -10)

R-404A R-507

MBP 50Hz

MODEL	HP	DISPLACEMENT cm3	VOLTAGE & FREQUENCY	MOTOR TYPE	LRA	PERFORMANCE / EVAPORATING TEMPERATURE °C - ASHRAE AMBIENT 32°C (90°F) | MAX. SUBCOOLING 3°C (5°F) | EVAPORATOR OUTLET AND GAS RETURN 32°C (90°F).			PERFORMANCE / EVAPORATING TEMPERATURE °C - EN13215: AMBIENT 32°C (90°F) RETURN GAS 20°C OR SUPERHEATING 10K.										RECEIVER VOLUME LITRE	VALVES TUBE LINE O.D.		FAN				WEIGHT (ONLY REFERENCE)	OVERALL DIMENSIONS			Condenser		EXTERNAL VIEW DRAWING	MODEL
					A	RATED 7,2			-20	-15	-10	-5	0	5	RATED 7,2			10			SUCTION	LIQUID	O.D.	No. & ANGLE OF BLADES	No. OF FANS	AIR FLOW RATE		A	B	C	No. OF ROWS	No. OF TUBES		
						W	W inp	CURRENT (A)	W	W	W	W	W	W	W	W inp	CURRENT (A)	W			inch	inch	mm			m3(h)	kg	mm	mm	mm				
UEMT6144GK	1/5	3,97	A	CSIR	7,7	649	296	1.68	239	300	363	438	519	603	649	296	1.68	693	0.6	3/8	1/4	200	5/28°	1	300	17.1	430	308	226	3	8	1955427	UEMT6144GK
																											480	302	226			1955432	
UEMT6152GK	1/4	4,5	A	CSIR	8,5	676	581	1.94	259	326	395	470	549	631	676	581	1.94	716	0.6	3/8	1/4	200	5/28°	1	300	17.1	430	308	226	3	8	1955427	UEMT6152GK
																											480	302	226			1955432	
UEMT6165GK	1/4	5,19	A	CSIR	10,4	858	407	2.32	310	395	477	583	697	799	858	407	2.32	908	1.1	3/8	1/4	230	5/28°	1	420	17.9	435	308	254	3	9	1955428	UEMT6165GK
																																1955450	
UNEK6181GK	1/2-	7,28	A	CSIR	12	1252	620	2.7	368	470	585	715	860	1020	1252	620	2.70	1130	1.1	3/8	1/4	254	5/28°	1	595	21.6	467	339	296	3	11	1955287	UNEK6181GK
																											465	340	296			1955184	
UNEK6210GK	1/2	8,77	A	CSIR	10,1	1302	628	3.91	501	594	604	826	986	1204	1302	628	3.91	1428	1.1	3/8	1/4	254	5/28°	1	595	20.8	467	339	296	3	11	1955287	UNEK6210GK
																											465	340	296			1955184	
UNEK6213GK	1/2+	12,11	A	CSIR	19,3	1531	1074	5.97	633	802	966	1130	1292	1439	1531	1074	5.97	1787	1.1	3/8	1/4	254	5/28°	1	595	20.8	467	339	296	3	11	1955287	UNEK6213GK
																											465	340	296			1955184	
UNEK6217GK	3/4	14,28	A	CSR	21,5	1946	799	4,1	697	873	1063	1268	1487	1720	1836	754	4,1	1968	2.3	1/2	3/8	275	5/31°	1	640	30.2	470	395	324	3	12	1955411	UNEK6217GK
UNT6217GK	3/4	12,55	A	CSIR	23	1912	882	5.3	688	849	1030	1231	1452	1692	1804	882	5.30	1953	2.3	1/2	3/8	275	5/31°	1	640	33.3	470	395	324	3	12	1955410	UNT6217GK
UNT6220GK **	3/4+	14,5	N	CSR	29,5	2124	1095	5.15	684	908	1146	1403	1676	1970	2124	1095	5.15	2268	2.3	1/2	3/8	275	5/31°	1	640	33.3	470	395	324	3	12	1955401	UNT6220GK
UNT6222GK **	1-	17,39	A	CSR	30	2390	1225	6.25	769	1022	1289	1579	1886	2216	2390	1225	6.25	2552	2.3	1/2	3/8	275	5/31°	1	640	33.3	470	395	324	3	12	1955401	UNT6222GK
UNT6226GK **	1+	20,37	A	CSR	38	3016	1500	7.27	1091	1391	1706	2048	2414	2808	3016	1500	7.27	3210	2.3	1/2	3/8	300	5/28°	1	700	35.4	500	405	390	4	14	1955402	UNT6226GK
						3016	1500	8.17	1091	1391	1706	2048	2414	2808	3016	1500	8.17	3210				2x254	5/28°	2	1190	40	440	600	296	3	11	1955415	
UNJ9226GK	1+	20,71	V	CSR	27,5	3141	1403	6.7	1047	1364	1701	2071	2473	2909	3141	1403	6.70	3360	2.3	5/8	3/8	300	5/28°	1	700	37.5	512	410	390	4	14	1955195	UNJ9226GK
						3141	1403	6.79	1047	1364	1701	2071	2473	2909	3141	1403	6.79	3360				2x254	5/28°	2	1190	40	440	612	296	3	11	1955312	
UNJ9226GS	1	20,71	M	3 Ph	10	2720	1300	2.78	1040	1351	1655	1951	2259	2565	2720	1300	2.78	2831	2.3	5/8	3/8	300	5/28°	1	700	42.5	512	410	390	4	14	1955195	UNJ9226GS
						2720	1300	3.9	1040	1351	1655	1951	2259	2565	2720	1300	3.90	2831				2x254	5/28°	2	1400	40	490	785	296	3	11	1955310	
UNJ9232GK	1 1/4	26,11	A	CSR	43	3474	1728	8.12	1217	1565	1929	2341	2770	3229	3474	1728	8.12	3696	3.9	5/8	1/2	300	***	1	1450	42.3	600	440	372	3	14	1955406	UNJ9232GK
						3474	1719	8.38	1214	1565	1929	2341	2770	3229	3474	1719	8.38	3696	2.3			2x254	5/28°	2	850	44	460	785	296	3	11	1955310	
UNJ9232GS	1 1/4	26,11	M	3 Ph	13	3365	1685	3.35	1265	1646	2015	2376	2751	3124	3365	1685	3.35	3523	3.9	5/8	1/2	300	***	1	1450	43.8	600	440	372	3	14	1955406	UNJ9232GS
						3365	1709	4.4	1265	1646	2015	2376	2751	3124	3365	1709	4.40	3523	2.3			2x254	5/28°	2	1400	44	490	785	296	3	11	1955310	
UNJ9238GK	1 1/2+	32,67	V	CSR	43	4104	2221	10.01	1507	1905	2325	2942	3282	3819	4104	2221	10.01	4372	3.9	5/8	1/2	300	***	1	1300	45.3	600	440	372	4	14	1955406	UNJ9238GK
						4104	2221	11.19	1507	1905	2325	2942	3282	3819	4104	2221	11.19	4372	2.3			2x254	5/28°	2	1140	45	460	785	296	4	11	1955310	
UNJ9238GS	1 1/2+	32,67	M	3 Ph	22	4419	2332	4.49	1614	2012	2438	2920	3477	4012	4419	2332	4.49	4532	3.9	5/8	1/2	300	***	1	1300	45.3	600	440	372	4	14	1955406	UNJ9238GS
						4231	2215	5.48	1614	2012	2438	2904	3426	3942	4231	2215	5.48	4487	2.3			2x254	5/28°	2	1600	45	490	785	296	4	11	1955310	

NOTES: Expansive device (C-V). **Application range** in 43°C (-20 to -0)

** Available also in CSIR execution and assembly group 1955413 *** Axial fan

R-404A R-507

MBP 60Hz

MODEL	HP	DISPLACEMENT cm3	VOLTAGE & FREQUENCY	MOTOR TYPE	LRA	PERFORMANCE / EVAPORATING TEMPERATURE °C - ASHRAE AMBIENT 32°C (90°F) MAX. SUBCOOLING 3°C (5°F) | EVAPORATOR OUTLET AND GAS RETURN 32°C (90°F).											RECEIVER VOLUME LITRE	VALVES		FAN				WEIGHT (Only Reference)	OVERALL DIMENSIONS			CONDENSER		DRAWING NUMBER	MODEL
						-40	-35	-30	-25	RATED -23.3					10			SUCTION	LIQUID	O.D.	No. & ANGLE OF BLADES	No. OF FANS	AIR FLOW RATE		A	B	C	No. OF ROWS	No. OF TUBES		
						W	W	W	W	W	W	W	W inp	CURRENT (A)	W			inch	inch	mm / inch			m3(h)	kg / lb	mm / inch	mm / inch	mm / inch				
UNEK6144GK	1/4	4,51	CSIR	G	26	299	366	436	511	592	676	713	404	4,92	766	0.5	3/8	1/4	200 / 7,87	5/28°	1	340	17,4 / 38,4	431 / 16,97	306 / 12,05	226 / 8,90	3	8	1955183	UNEK6144GK
UNEK6210GK	1/3+	8.77	CSIR	D	29	470	557	663	786	928	1087	1609	652	4,36	1265	1.3	3/8	1/4	254 / 10,00	5/28°	1	595	20,8 / 45,8	465 / 18,31	340 / 13,39	296 / 11,65	3	11	1955287	UNEK6210GK
UNEK6210GK	1/3+	8.77	CSIR	G	38	470	557	663	786	928	1087	1609	634	8,24	1265	1.3	3/8	1/4	254 / 10,00	5/28°	1	595	20,8 / 45,8	465 / 18,31	340 / 13,39	296 / 11,65	3	11	1955287	UNEK6210GK
UNEK6213GK	1/2+	12.11	CSIR	D	30	626	785	945	1106	1267	1430	1951	843	5,75	1756	1.3	3/8	1/4	254 / 10,00	5/28°	1	595	20,8 / 45,8	465 / 18,19	340 / 13,39	296 / 11,65	3	11	1955287	UNEK6213GK
UNEK6213GK	1/2+	12.11	CSIR	G	51	626	785	945	1106	1267	1430	1951	821	13,1	1756	1.3	3/8	1/4	254 / 10,00	5/28°	1	595	20,8 / 45,8	465 / 18,19	340 / 13,39	296 / 11,65	3	11	1955287	UNEK6213GK
UNT6220GK	3/4	14.5	CSR	G	54,5	793	1024	1262	1506	1754	2009	2683	1095	11,85	2268	2.3	1/2	3/8	275 / 10,83	5/31°	1	640	33,3 / 73,4	470 / 18,50	395 / 15,55	324 / 12,76	3	12	1955401	UNT6220GK
UNJ9226GK	1+	21.7	CSR	D	34	1522	1745	2077	2338	2890	3508	3850	1432	7,65	4194	2.3	5/8	3/8	300 / 11,81	5/28°	1	700	37,5 / 82,7	512 / 20,16	410 / 16,14	390 / 15,35	4	14	1955195	UNJ9226GK
UNJ9226GK	1+	21.7	CSR	D	37	1522	1745	2077	2338	2890	3508	3850	1432	7,84	4194	2.3	5/8	3/8	2x254/10,00	5/28°	2	850	39,1 / 76,5	440/17,32	614 / 24,17	320 / 12,59	3	11	1955318	UNJ9226GK
UNJ9232GK	1 1/4	26.11	CSR	D	47	1741	2206	2692	3407	3801	4423	4753	2572	9,22	5064	2.3	5/8	1/2	2x254/10,00	5/28°	2	850	44 / 86,1	440/17,32	785 / 30,9	320 / 12,59	3	11	1955318	UNJ9232GK

NOTES: Expansive device (C-V). **Application range** in 43°C (-20 to -0)

R-290
LBP 50Hz

MODEL	HP	DISPLACEMENT cm3	VOLTAGE & FREQUENCY	MOTOR TYPE	LRA	PERFORMANCE / EVAPORATING TEMPERATURE °C - ASHRAE AMBIENT 32°C (90°F) | MAX. SUBCOOLING 3°C (5°F) | EVAPORATOR OUTLET AND GAS RETURN 32°C (90°F).			PERFORMANCE / EVAPORATING TEMPERATURE °C - EN13215: AMBIENT 32°C (90°F) RETURN GAS 20°C OR SUPERHEATING 10K.										RECEIVER VOLUME LITRE	VALVES TUBE LINE O.D.		FAN				WEIGHT (ONLY REFERENCE)	OVERALL DIMENSIONS			Condenser		EXTERNAL VIEW DRAWING	MODEL
					A	RATED -23,3			-40	-35	-30	-25	RATED -23,3			-20	-15	-10		SUCTION	LIQUID	O.D.	No. & ANGLE OF BLADES	No. OF FANS	AIR FLOW RATE		A	B	C	No. OF ROWS	No. OF TUBES		
						W	W inp	CURRENT (A)	W	W	W	W	W	W inp	CURRENT (A)	W	W	W		inch	inch	mm			m3(h)	kg	mm	mm	mm				
UEMT2125U	1/2-	5,96	A	CSIR	9.8	369	317	1.72	129	171	225	289	315	271	1.72	366	461	570	1.1 1.1	3/8	1/4	230	5/28°	1	420	17.1	435 / 17,13	308 / 12.13	254 / 10.00	3	9	1955428 1955450	**UEMT2125U**
UNEK2125U	1/2	6,2	A	CSIR	12,4	410	342	2.48	154	191	266	311	350	292	2.48	389	469	585	1.1	3/8	1/4	230	5/28°	1	420	17.1	435 / 17.13	306 / 12.05	254 / 10.00	3	9	1955183	**UNEK2125U**
UNEK2134U	1/2+	8,77	A	CSIR	16,1	490	342	2.77	180	216	315	401	419	292	2.77	476	576	687	1.1 1.1	3/8	1/4	254	5/28°	1	595	20.0	467 / 18.39 465 / 18.31	339 / 13.35 340 / 13.39	296 / 11.65 296 / 11.65	3	11	1955287 1955184	**UNEK2134U**

NOTES: Expansive device (C-V). **Application range** in 43°C (-40 to -10)

R-290
HBP 50Hz

MODEL	HP	DISPLACEMENT cm3	VOLTAGE & FREQUENCY	MOTOR TYPE	LRA	PERFORMANCE / EVAPORATING TEMPERATURE °C - ASHRAE AMBIENT 32°C (90°F) | MAX. SUBCOOLING 3°C (5°F) | EVAPORATOR OUTLET AND GAS RETURN 32°C (90°F).			PERFORMANCE / EVAPORATING TEMPERATURE °C - EN13215: AMBIENT 32°C (90°F) RETURN GAS 20°C OR SUPERHEATING 10K.											RECEIVER VOLUME LITRE	VALVES TUBE LINE O.D.		FAN				WEIGHT (ONLY REFERENCE)	OVERALL DIMENSIONS			Condenser		EXTERNAL VIEW DRAWING	MODEL
					A	RATED 7,2			-20	-15	-10	-5	0	RATED 7,2				10		SUCTION	LIQUID	O.D.	No. & ANGLE OF BLADES	No. OF FANS	AIR FLOW RATE		A	B	C	No. OF ROWS	No. OF TUBES		
						W	W inp	RLA	W	W	W	W	W	W	W inp	CURRENT (A)	W		inch	inch	mm			m3(h)	kg	mm	mm	mm				
UNEK6210U	1/3	8,77	A	CSIR	16	1120	471	3.08	496	603	729	871	1032	1120	471	3.08	1208	1.2	3/8	1/4	254	5/28°	1	595	23,8	467	339	296	3	11	1955287	**UNEK6210U**
UNEK6213U	1/3+	12,11	A	CSIR	19.3	1328	732	4.6	633	765	908	1066	1236	1328	732	4.6	1413	1.2	3/8	1/4	254	5/28°	1	595	23,8	467	339	296	3	11	1955287	**UNEK6213U**
UNT6217U	1/2+	14,5	A	CSIR	25	1694	707	4.56	706	868	1063	1290	1552	1694	707	4.56	1840	2.3	3/8	3/8	275	5/31°	1	640	33,3	470	395	324	3	12	1955413	**UNT6217U**
UNT6220U	2/3	17,39	A	CSIR	29	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	2.3	3/8	3/8	275	5/31°	1	640	33,3	470	395	324	3	12	1955413	**UNT6220U**
UNT6222U	3/4	20,44	A	CSIR	30	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	2.3	3/8	3/8	275	5/31°	1	640	33,3	470	395	324	3	12	1955413	**UNT6222U**

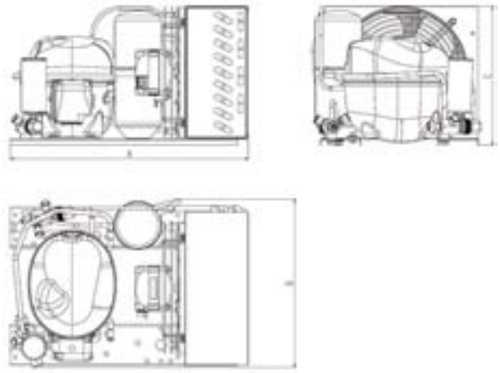
NOTES: Expansive device (C-V). **Application range** in 43°C (-15 to +10) **UD** - Under Development

EXTERNAL VIEW AND WIRING DIAGRAMS

External Views

UEMT

N° 1955382



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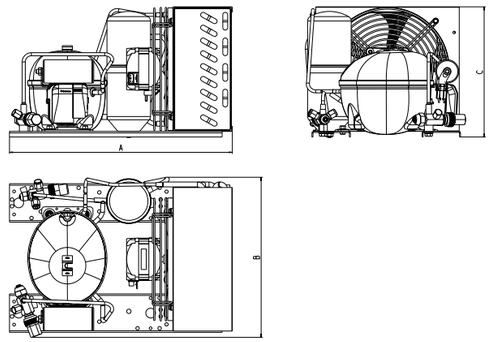

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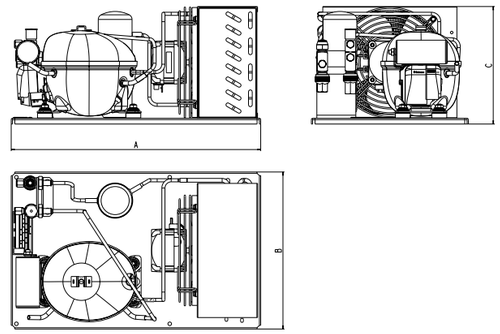

UNE/UNEK

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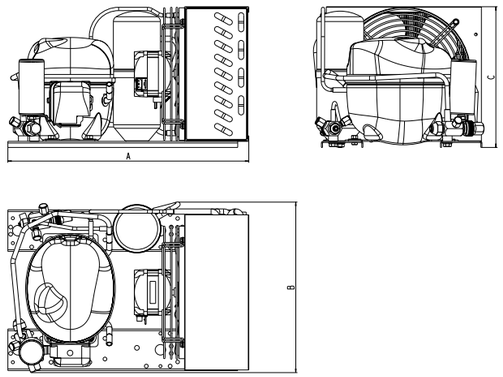

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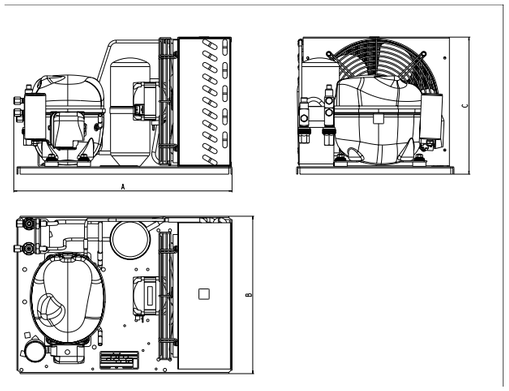

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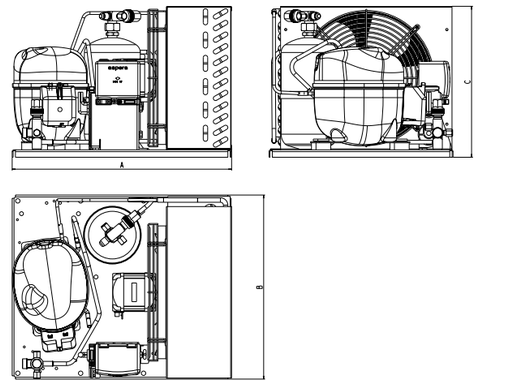

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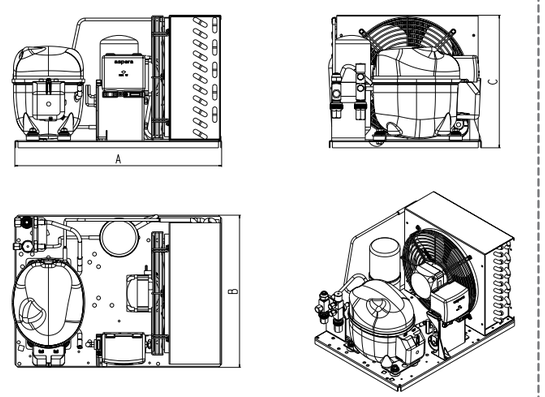

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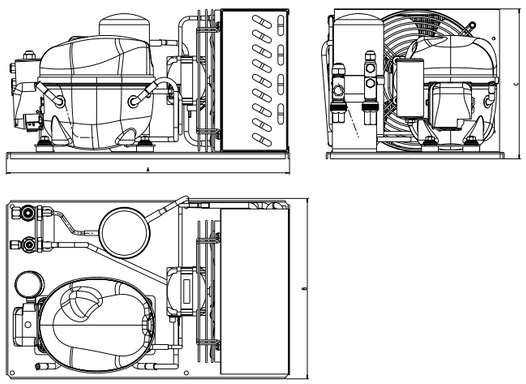

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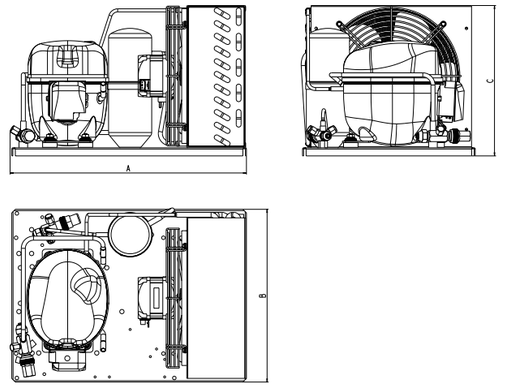

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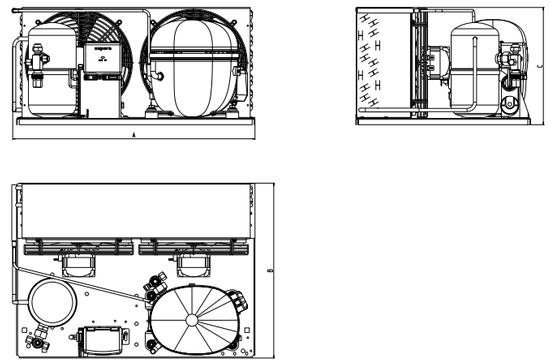

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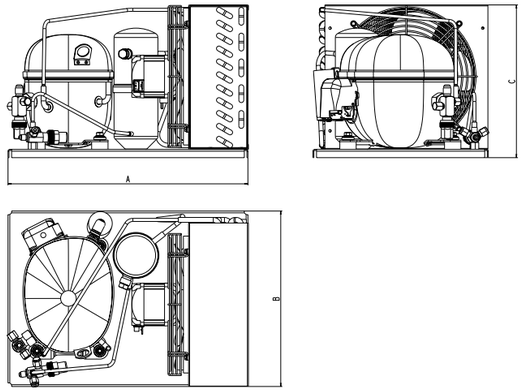
N° 1955400



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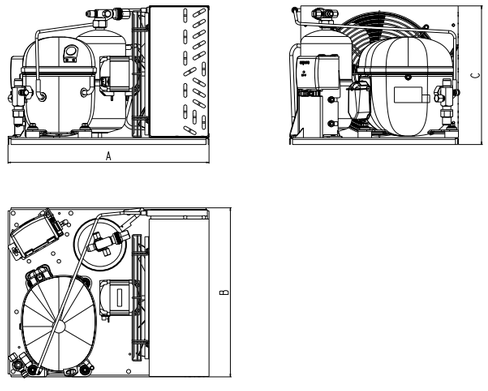
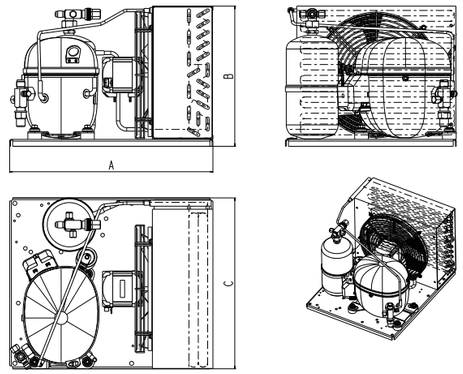


N° 1955410



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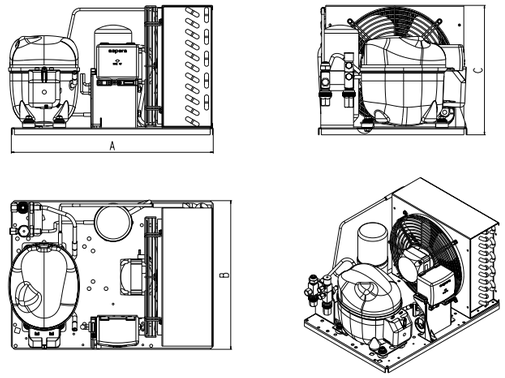

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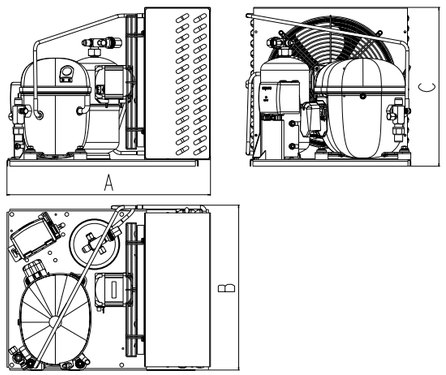

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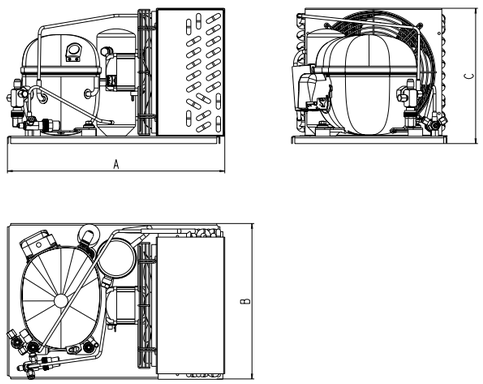

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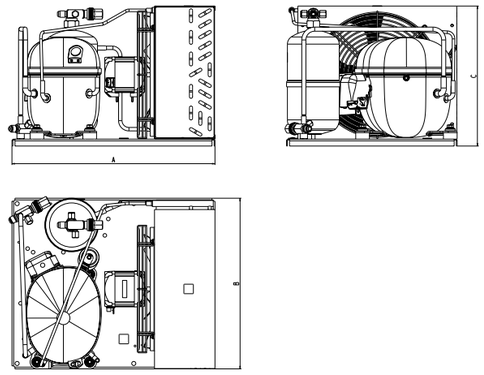
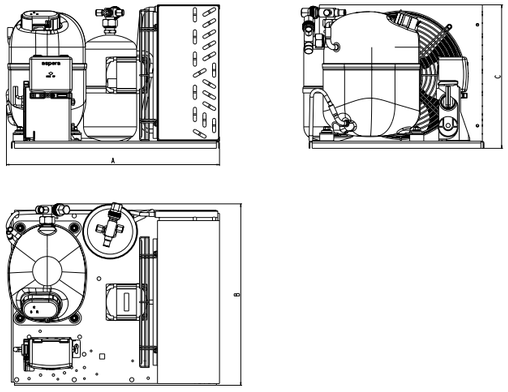


External Views

UNJ

N° 1955186



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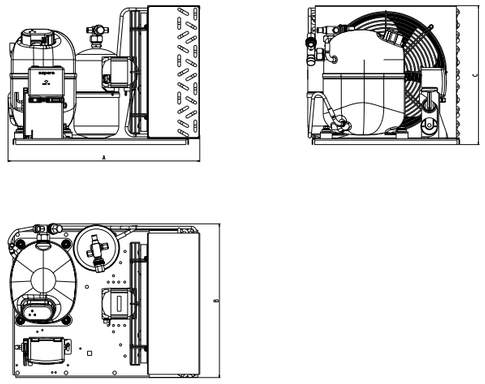

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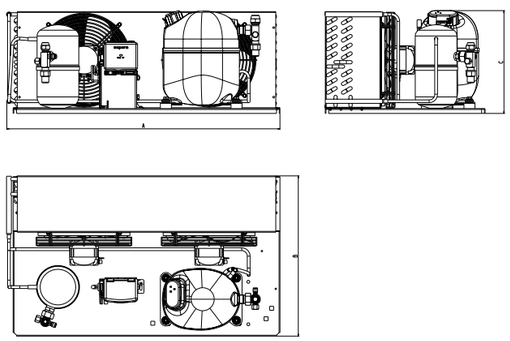

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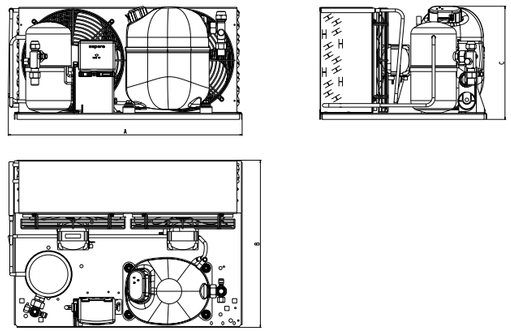

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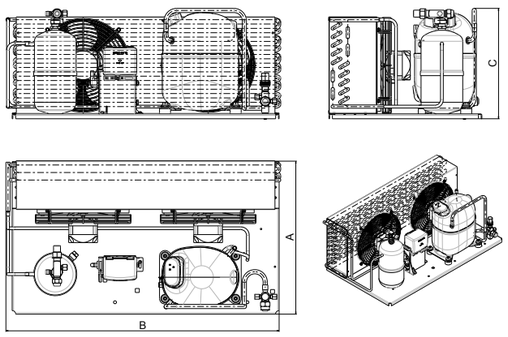

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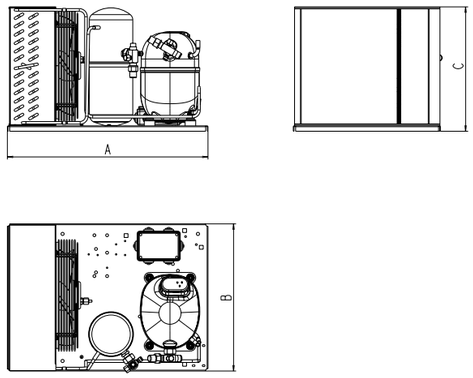
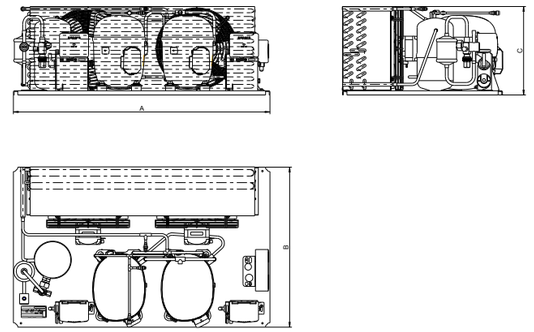


External Views

UGNJ - UGNT

N° 1955451



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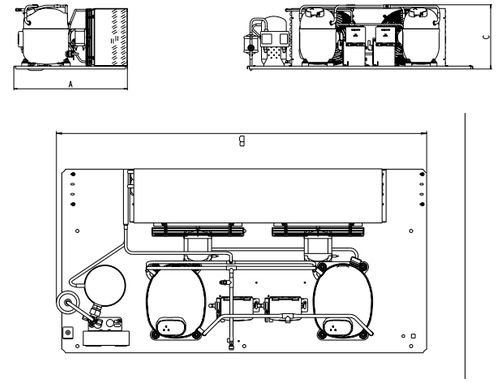

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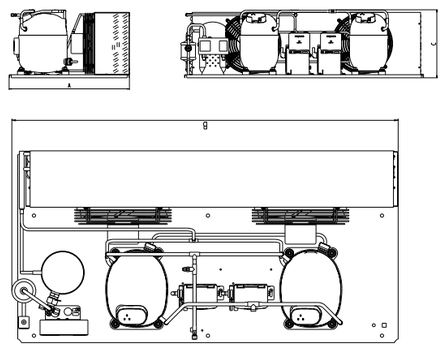

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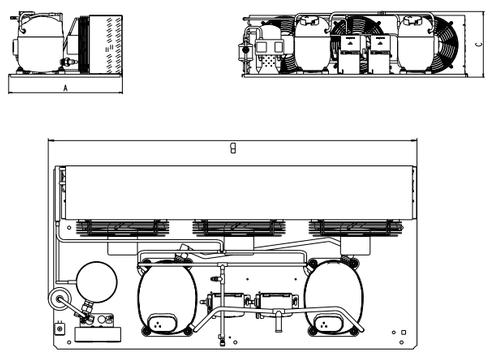
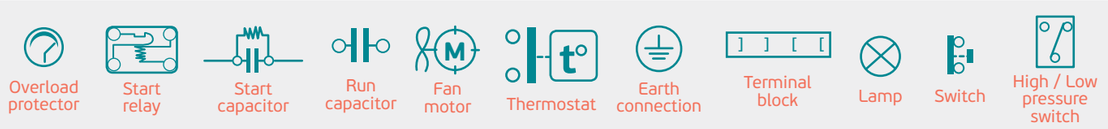


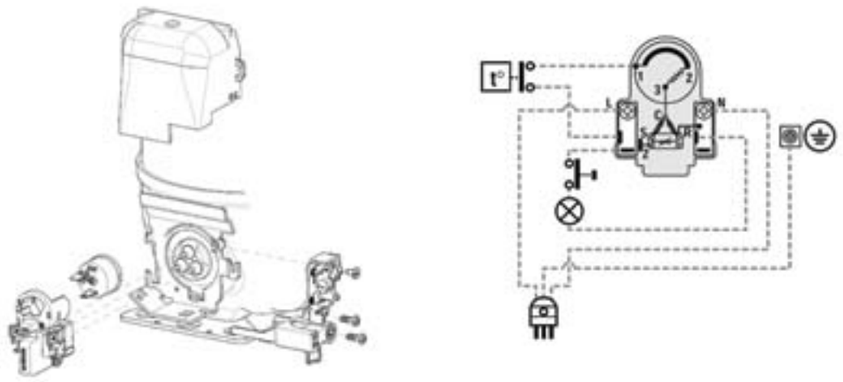
Wiring Diagrams

LEGEND

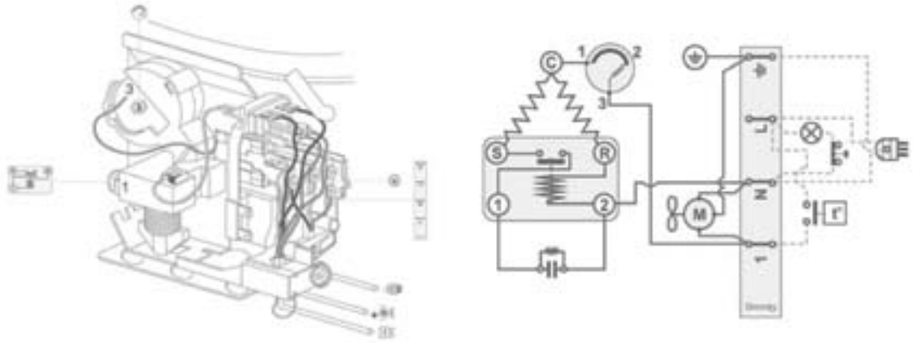
C	Common	**R**	Run	**WH**	White	**RD**	Red
S	Start	**C'**	Common (internal overload protection)	**GNYE**	Green - Yellow	**BL**	Blue
				BK	Black	**BR**	Brown



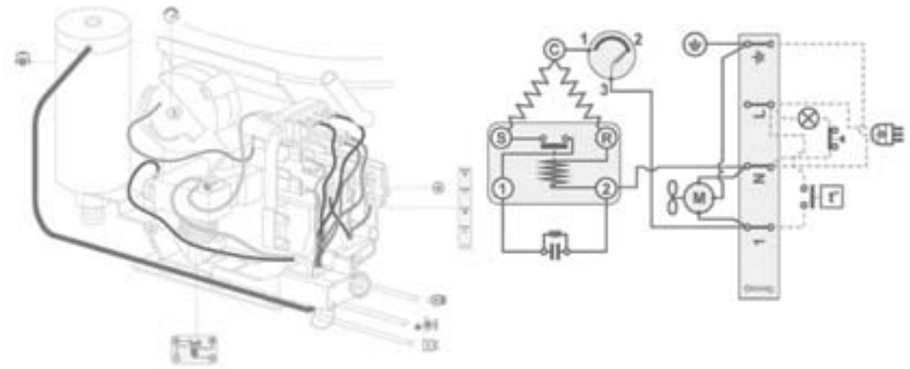
RSIR - PTC UEMT SERIES



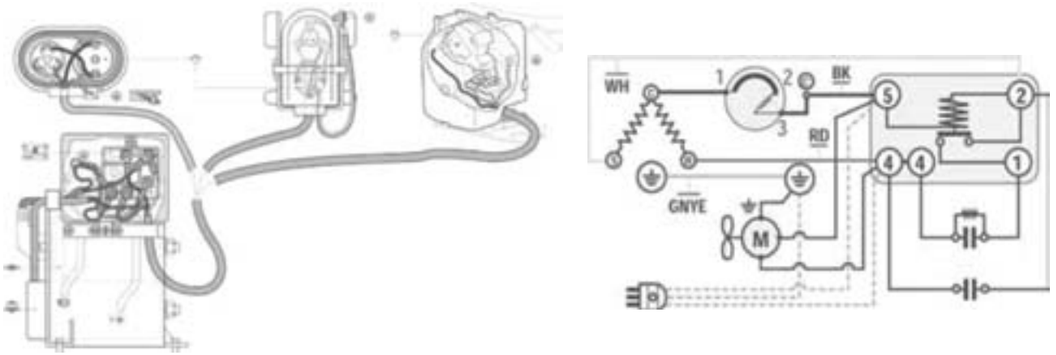
RSIR - ELECTRICAL HOOKUP UNE UNEK



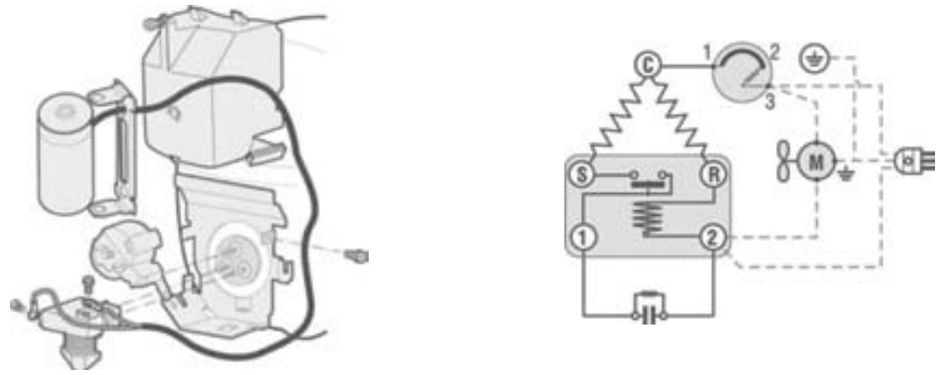
CSIR - ELECTRICAL HOOKUP UEMT UNE UNT UNEK



CSR – ELECTRICAL HOOKUP UNEK UNT UNJ SERIES

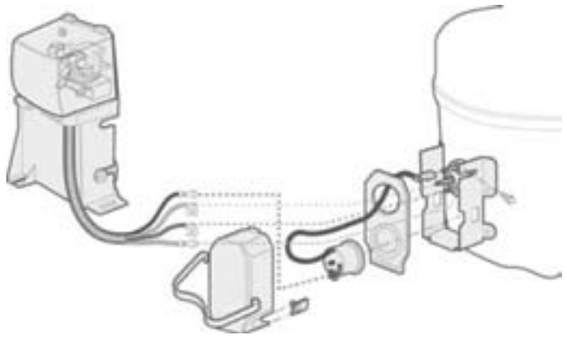


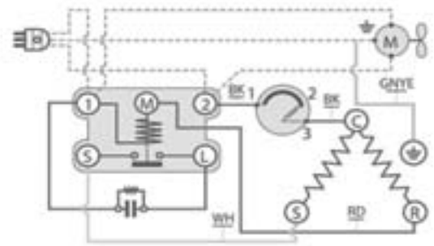
CSIR – UNEK UNT SERIES CORD ANCHORAGE & START DEVICE – AMERICAN VERSION



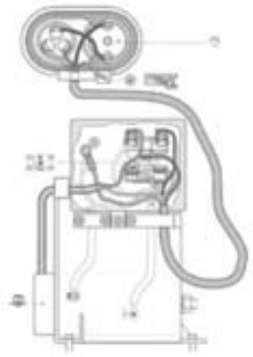
Wiring Diagrams

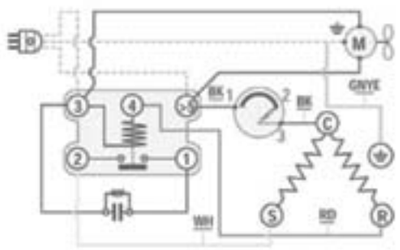
CSIR – UNT SERIES BOX



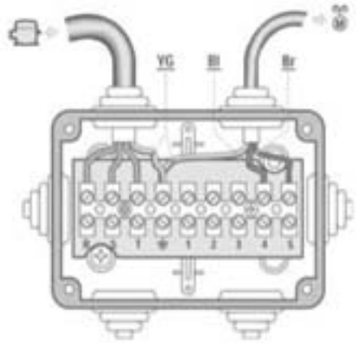


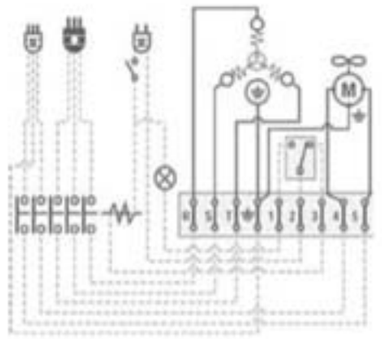
CSIR - ELECTRICAL HOOKUP UNJ



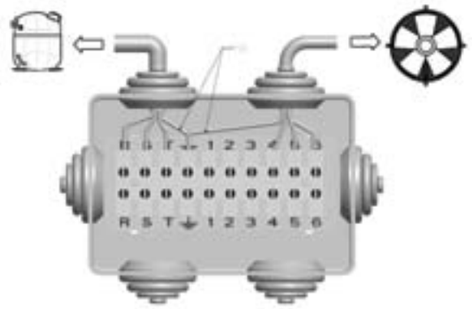


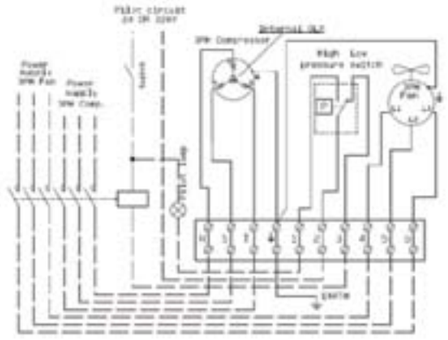
3 PHASE UNJ SERIES

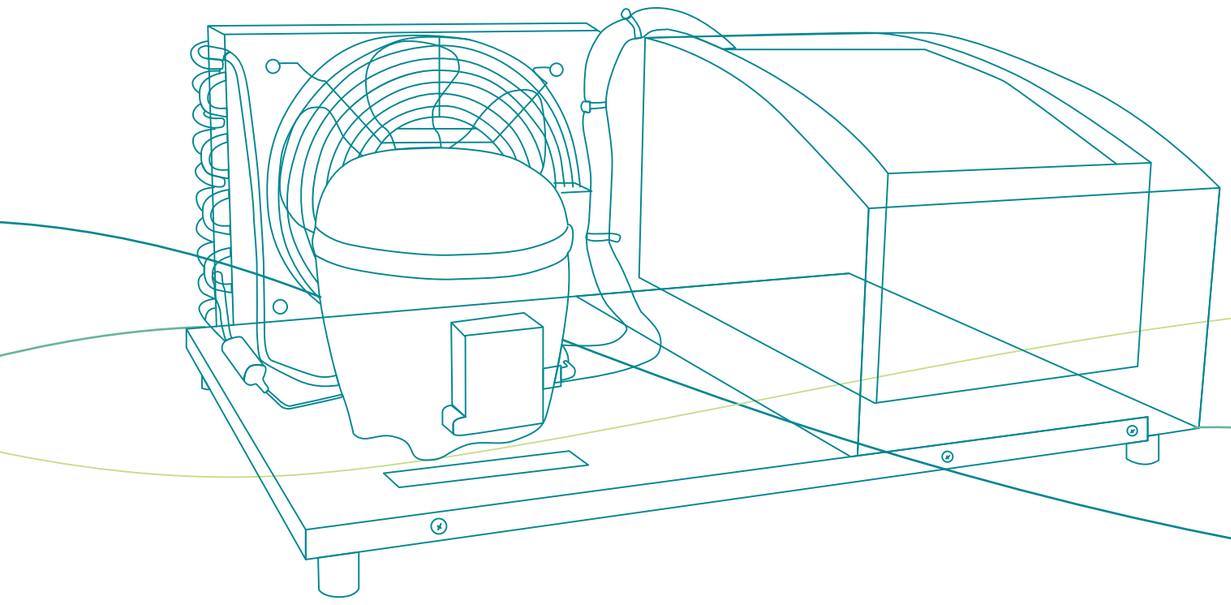




3 PHASE UNJ 9232/9238 SERIES







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