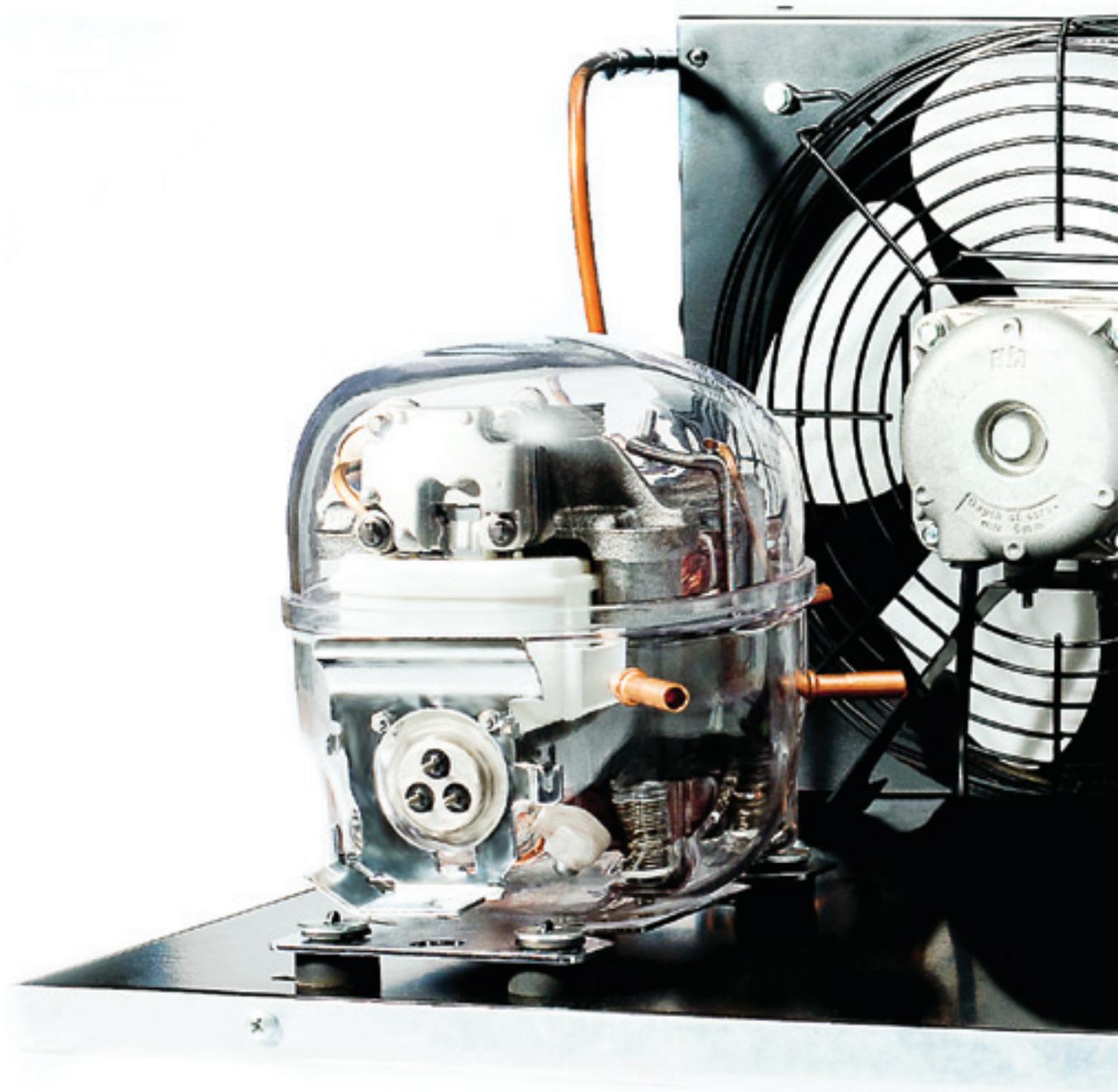


embraco POWER IN.
CHANGE ON.



EUROPE COMMERCIAL CONDENSING UNITS

R134a | R404A/R507 | R290

EMBRACO IN PILLS

HIGH EFFICIENCY & GREEN SOLUTIONS
EMBRACO COMMERCIAL PRODUCT OVERVIEW

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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 **R134a, R404A / R507 and R290**
- 100%** factory tested
- Reliable, quiet and efficient** hermetic compressors
- Corrosion resistant** materials
- Oversized condenser 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

Embraco Commercial Product Overview

EUROPE RANGE



BRAZIL RANGE



CONDENSING UNIT



FULLMOTION



Europe Range Commercial Condensing Units



UEMT

- Low noise
- High efficiency level
- Compact size

AVAILABLE FOR R134A, R404A, R290
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 R134A, R404A, R290
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 R134A, R404A
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 R134A, R404A
APPLICATION: LBP,M/HBP
COMPRESSOR FROM 21,7 CC TO 34,4 CC



UGNJ

Available for **R134a, R404A, R407C**
 Parallel connected compressors with two or three fans
 Possibility to change performance by controlling of compressors and fans

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

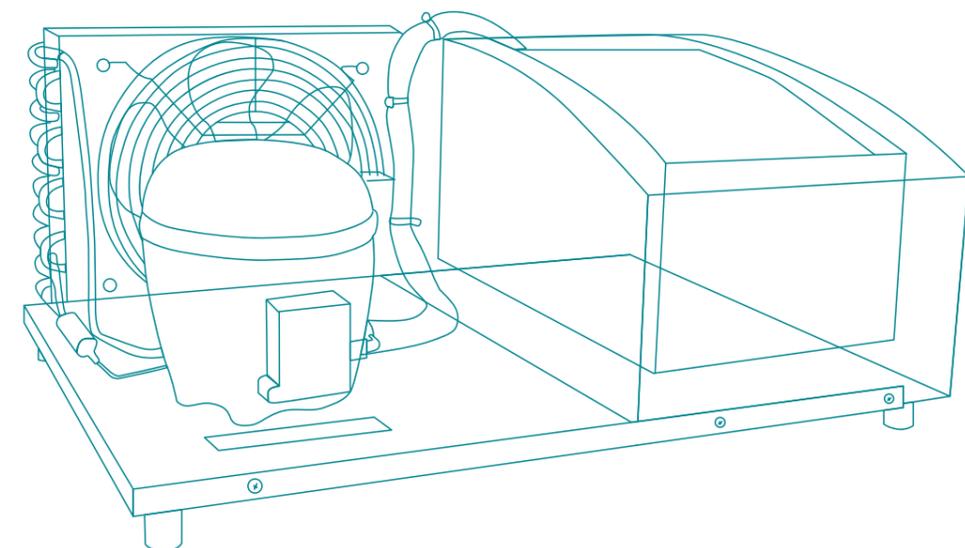
MBP

(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 TEMPERATURE 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



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

50Hz 50-60Hz	R134a								R404A / R507								R290								
	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	2390	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									
									UGNT2180GK	A	2052	2x20,44	UNJ9238GK	V	4104	32,67									
									UGNT2192GK	A	2396	2x22,37	UNJ9238GS	M	4419	32,67									
									UGNT2212GK	A	2886	2x27,80	UGNT6226GK	A	3032	2x20,37									
													UGNTU6232GK	A	3514	2x20,44									
UGNJ (gemin)					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									

Product Maps 60Hz
CONDENSING UNITS PRODUCT MAP 60Hz

60Hz	R134a				R404A / R507							
	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
	UNEK6187Z	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								
UNT	UNEK6214Z	D/G	1732	16,80								
	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				
UNJ	UNT6217Z	D/G	2185	20,44								
	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

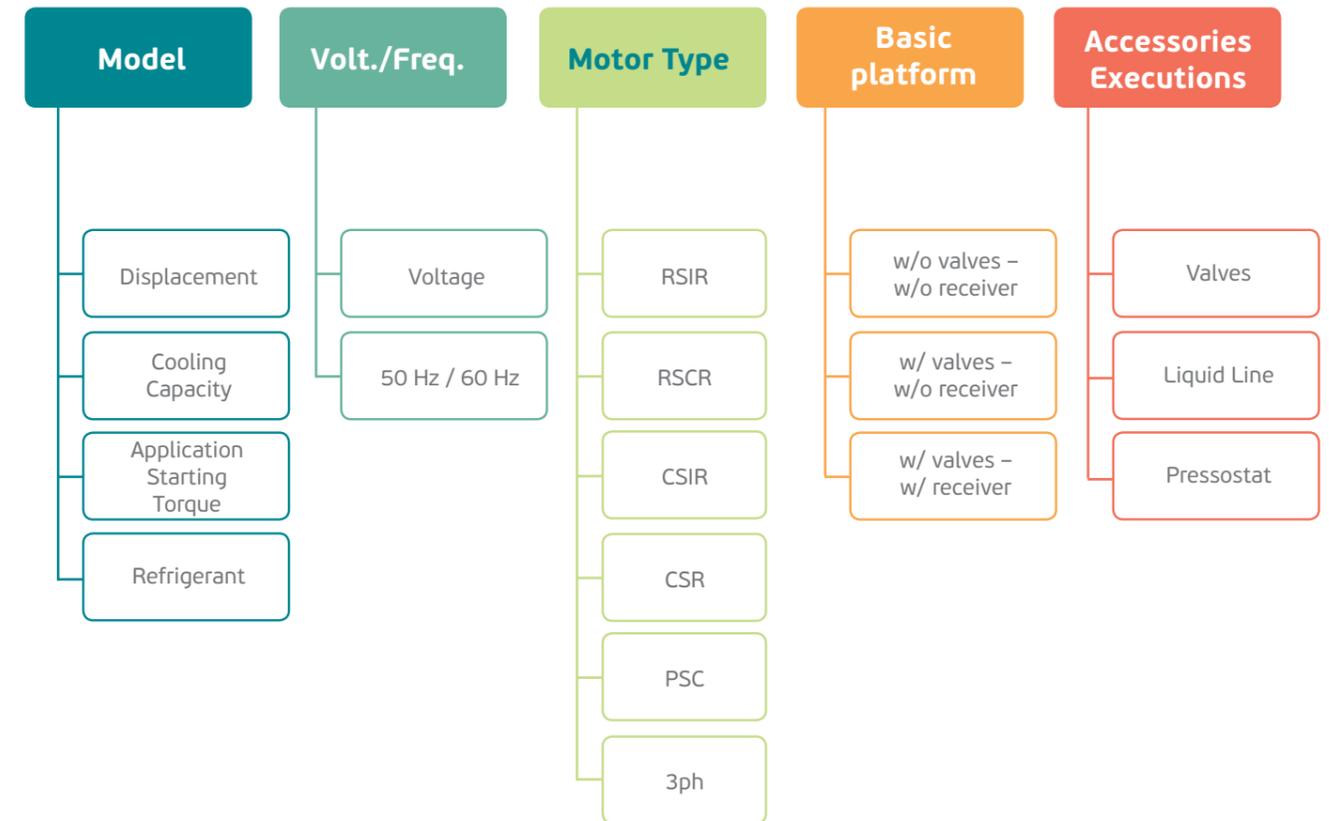
Volt./Freq.

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 / 440-480V/60Hz 3 -

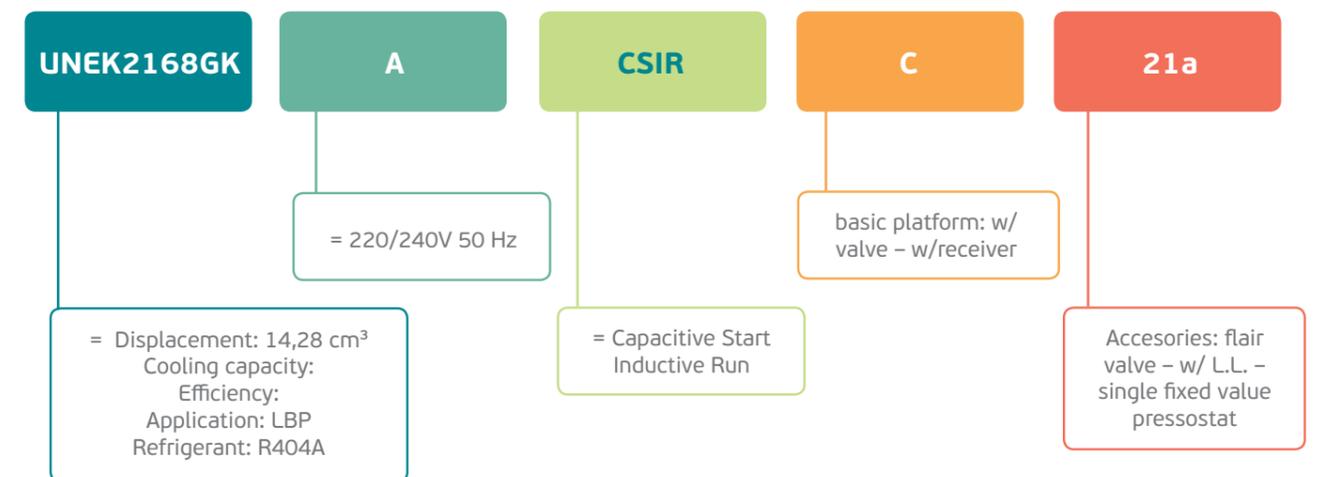
CONDENSING UNIT SELECTION

HOW TO ORDER YOUR CONDENSING UNIT

Ordering Code



Example:

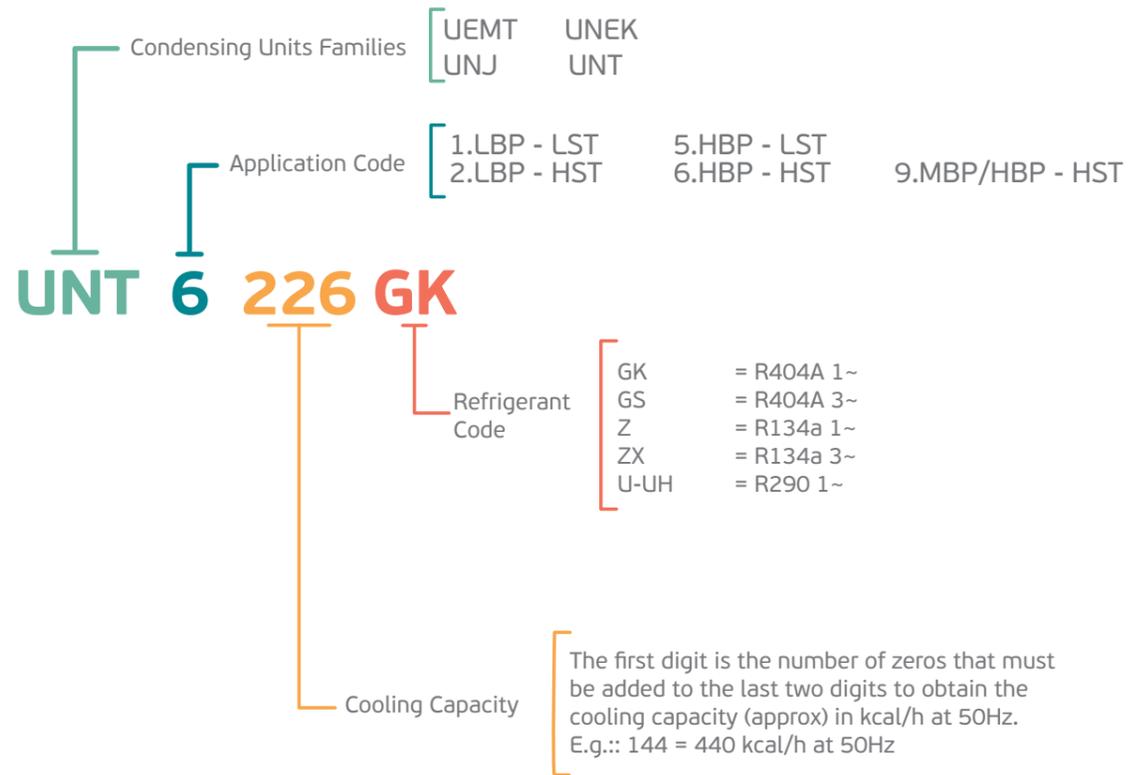


NOTE: not all combination are possible



Nomenclature

UEM/UNEK/UNT/UNJ

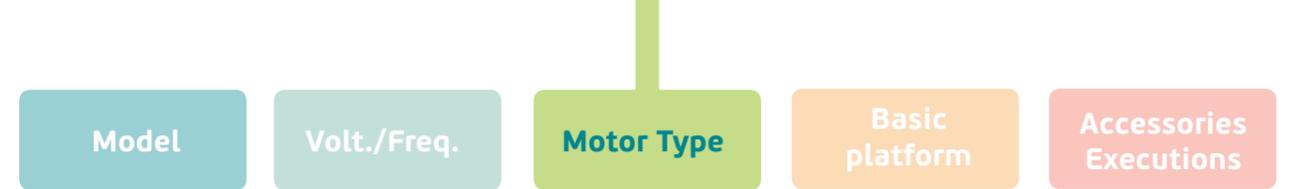


Families

FAMILIES	LBP			MBP			HBP		
	R134a	R404A	R290	R134a	R404A	R290	R134a	R404A	R290
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	
B	200-230V/50Hz (208-230V/60Hz) 1~	180V - 244V	187V - 244V	170V	177V
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 /440-480V 60Hz 3 ~	332V-445V	396-509V	323V	374V
N	200-240V/50Hz (230V/60Hz) 1 ~	180V-254V	207V-253V	170V	195V
V	230V/50Hz 1 ~	207V-253V		195V	



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 **Resistance 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, with a different start winding in series with a start capacitor of suitable capacitance to get a high starting torque.

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	✓	✗	✗	✗	✗	✓

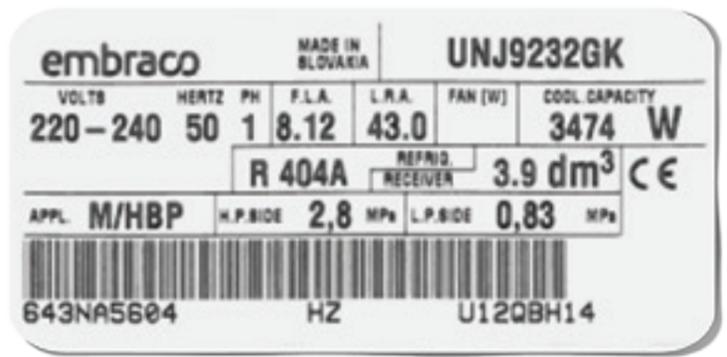
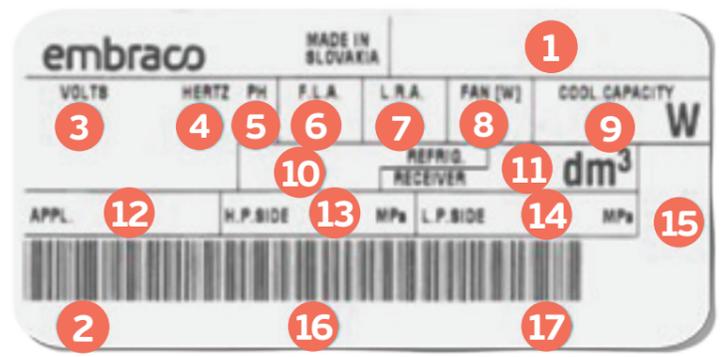
Accessories & Executions

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



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



GENERAL DATA & PERFORMANCE

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How to read our catalogue



MODEL	REF.	VOLTAGE (V)	FREQUENCY (Hz)	REF. CLASS	OPERATIVE RANGE OF EVAPORATING TEMPERATURE												COMPONENTS AND DIMENSIONS												DRAWING NUMBER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
					-10°C				-5°C				0°C				CONDENSING TEMPERATURE		CONDENSING PRESSURE		CONDENSING TEMPERATURE		CONDENSING PRESSURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
UNTRACAE	5/5	230	50	A	1308	83	370	205	1.40	233	286	349	412	523	567	205	1.40	412	456	500	544	588	632	676	720	764	808	852	896	940	984	1028	1072	1116	1160	1204	1248	1292	1336	1380	1424	1468	1512	1556	1600	1644	1688	1732	1776	1820	1864	1908	1952	1996	2040	2084	2128	2172	2216	2260	2304	2348	2392	2436	2480	2524	2568	2612	2656	2700	2744	2788	2832	2876	2920	2964	3008	3052	3096	3140	3184	3228	3272	3316	3360	3404	3448	3492	3536	3580	3624	3668	3712	3756	3800	3844	3888	3932	3976	4020	4064	4108	4152	4196	4240	4284	4328	4372	4416	4460	4504	4548	4592	4636	4680	4724	4768	4812	4856	4900	4944	4988	5032	5076	5120	5164	5208	5252	5296	5340	5384	5428	5472	5516	5560	5604	5648	5692	5736	5780	5824	5868	5912	5956	6000	6044	6088	6132	6176	6220	6264	6308	6352	6396	6440	6484	6528	6572	6616	6660	6704	6748	6792	6836	6880	6924	6968	7012	7056	7100	7144	7188	7232	7276	7320	7364	7408	7452	7496	7540	7584	7628	7672	7716	7760	7804	7848	7892	7936	7980	8024	8068	8112	8156	8200	8244	8288	8332	8376	8420	8464	8508	8552	8596	8640	8684	8728	8772	8816	8860	8904	8948	8992	9036	9080	9124	9168	9212	9256	9300	9344	9388	9432	9476	9520	9564	9608	9652	9696	9740	9784	9828	9872	9916	9960	10004	10048	10092	10136	10180	10224	10268	10312	10356	10400	10444	10488	10532	10576	10620	10664	10708	10752	10796	10840	10884	10928	10972	11016	11060	11104	11148	11192	11236	11280	11324	11368	11412	11456	11500	11544	11588	11632	11676	11720	11764	11808	11852	11896	11940	11984	12028	12072	12116	12160	12204	12248	12292	12336	12380	12424	12468	12512	12556	12600	12644	12688	12732	12776	12820	12864	12908	12952	12996	13040	13084	13128	13172	13216	13260	13304	13348	13392	13436	13480	13524	13568	13612	13656	13700	13744	13788	13832	13876	13920	13964	14008	14052	14096	14140	14184	14228	14272	14316	14360	14404	14448	14492	14536	14580	14624	14668	14712	14756	14800	14844	14888	14932	14976	15020	15064	15108	15152	15196	15240	15284	15328	15372	15416	15460	15504	15548	15592	15636	15680	15724	15768	15812	15856	15900	15944	15988	16032	16076	16120	16164	16208	16252	16296	16340	16384	16428	16472	16516	16560	16604	16648	16692	16736	16780	16824	16868	16912	16956	17000	17044	17088	17132	17176	17220	17264	17308	17352	17396	17440	17484	17528	17572	17616	17660	17704	17748	17792	17836	17880	17924	17968	18012	18056	18100	18144	18188	18232	18276	18320	18364	18408	18452	18496	18540	18584	18628	18672	18716	18760	18804	18848	18892	18936	18980	19024	19068	19112	19156	19200	19244	19288	19332	19376	19420	19464	19508	19552	19596	19640	19684	19728	19772	19816	19860	19904	19948	19992	20036	20080	20124	20168	20212	20256	20300	20344	20388	20432	20476	20520	20564	20608	20652	20696	20740	20784	20828	20872	20916	20960	21004	21048	21092	21136	21180	21224	21268	21312	21356	21400	21444	21488	21532	21576	21620	21664	21708	21752	21796	21840	21884	21928	21972	22016	22060	22104	22148	22192	22236	22280	22324	22368	22412	22456	22500	22544	22588	22632	22676	22720	22764	22808	22852	22896	22940	22984	23028	23072	23116	23160	23204	23248	23292	23336	23380	23424	23468	23512	23556	23600	23644	23688	23732	23776	23820	23864	23908	23952	23996	24040	24084	24128	24172	24216	24260	24304	24348	24392	24436	24480	24524	24568	24612	24656	24700	24744	24788	24832	24876	24920	24964	25008	25052	25096	25140	25184	25228	25272	25316	25360	25404	25448	25492	25536	25580	25624	25668	25712	25756	25800	25844	25888	25932	25976	26020	26064	26108	26152	26196	26240	26284	26328	26372	26416	26460	26504	26548	26592	26636	26680	26724	26768	26812	26856	26900	26944	26988	27032	27076	27120	27164	27208	27252	27296	27340	27384	27428	27472	27516	27560	27604	27648	27692	27736	27780	27824	27868	27912	27956	28000	28044	28088	28132	28176	28220	28264	28308	28352	28396	28440	28484	28528	28572	28616	28660	28704	28748	28792	28836	28880	28924	28968	29012	29056	29100	29144	29188	29232	29276	29320	29364	29408	29452	29496	29540	29584	29628	29672	29716	29760	29804	29848	29892	29936	29980	30024	30068	30112	30156	30200	30244	30288	30332	30376	30420	30464	30508	30552	30596	30640	30684	30728	30772	30816	30860	30904	30948	30992	31036	31080	31124	31168	31212	31256	31300	31344	31388	31432	31476	31520	31564	31608	31652	31696	31740	31784	31828	31872	31916	31960	32004	32048	32092	32136	32180	32224	32268	32312	32356	32400	32444	32488	32532	32576	32620	32664	32708	32752	32796	32840	32884	32928	32972	33016	33060	33104	33148	33192	33236	33280	33324	33368	33412	33456	33500	33544	33588	33632	33676	33720	33764	33808	33852	33896	33940	33984	34028	34072	34116	34160	34204	34248	34292	34336	34380	34424	34468	34512	34556	34600	34644	34688	34732	34776	34820	34864	34908	34952	34996	35040	35084	35128	35172	35216	35260	35304	35348	35392	35436	35480	35524	35568	35612	35656	35700	35744	35788	35832	35876	35920	35964	36008	36052	36096	36140	36184	36228	36272	36316	36360	36404	36448	36492	36536	36580	36624	36668	36712	36756	36800	36844	36888	36932	36976	37020	37064	37108	37152	37196	37240	37284	37328	37372	37416	37460	37504	37548	37592	37636	37680	37724	37768	37812	37856	37900	37944	37988	38032	38076	38120	38164	38208	38252	38296	38340	38384	38428	38472	38516	38560	38604	38648	38692	38736	38780	38824	38868	38912	38956	39000	39044	39088	39132	39176	39220	39264	39308	39352	39396	39440	39484	39528	39572	39616	39660	39704	39748	39792	39836	39880	39924	39968	40012	40056	40100	40144	40188	40232	40276	40320	40364	40408	40452	40496	40540	40584	40628	40672	40716	40760	40804	40848	40892	40936	40980	41024	41068	41112	41156	41200	41244	41288	41332	41376	41420	41464	41508	41552	41596	41640	41684	41728	41772	41816	41860	41904	41948	41992	42036	42080	42124	42168	42212	42256	42300	42344	42388	42432	42476	42520	42564	42608	42652	42696	42740	42784	42828	42872	42916	42960	43004	43048	43092	43136	43180	43224	43268	43312	43356	43400	43444	43488	43532	43576	43620	43664	43708	43752	43796	43840	43884	43928	43972	44016	44060	44104	44148	44192	44236	44280	44324	44368	44412	44456	44500	44544	44588	44632	44676	44720	44764	44808	44852	44896	44940	44984	45028	45072	45116	45160	45204	45248	45292	45336	45380	45424	45468	45512	45556	45600	45644	45688	45732	45776	45820	45864	45908	45952	45996	46040	46084	46128	46172	46216	46260	46304	46348	46392	46436	46480	46524	46568	46612	46656	46700	46744	46788	46832	46876	46920</

R134a

LBP 50Hz

R134a
R404A / R507
R290
LBP
MBP
M/HBP
HBP
50Hz
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).						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) kg	OVERALL DIMENSIONS			Condenser		EXTERNAL VIEW DRAWING	MODEL
						RATED -23,3			RATED -23,3			-30	-25	-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 inp	CURRENT (A)	W	W	W	W	W	W		inch	inch	mm			m3(h)		mm	mm	mm				
UEMT49HLP	1/5	5,56	A	RSIR	5,2	150	115	1,02	142	108	1,02	84	112	149	193	246	301	-	3/8	1/4	200	5/28°	1	360	14	430	306	226	2	8	1955382	UEMT49HLP
UNEK1116Z	1/4	7,37	A	RSIR	5,3	203	182	1,07	174	156	1,07	112	151	201	260	331	406	-	3/8	1/4	200	5/28°	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	209	158	1,19	141	188	251	330	420	522	-	3/8	1/4	200	5/28°	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	168	163	7,37	124	156	200	265	341	439	-	3/8	1/4	200	5/28°	1	360	15,40	430	306	226	2	8	1955183	UNEK2116Z
UNE2121Z	1/3	9,27	A	CSIR	12,6	308	269	2,00	291	254	2,00	202	263	349	451	566	692	0,6	3/8	1/4	200	5/28°	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)

R134a

HBP 50Hz

R134a
R404A / R507
R290
LBP
MBP
M/HBP
HBP
50Hz
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).						PERFORMANCE / EVAPORATING TEMPERATURE °C - EN13215: AMBIENT 32°C (90°F) RETURN GAS 20°C OR SUPERHEATING 10K.						RE-CEIVER VOLUME LITRE	VALVES TUBE LINE O.D.		FAN				WEIGHT (ONLY REFERENCE) kg	OVERALL DIMENSIONS			Condenser		EXTERNAL VIEW DRAWING	MODEL	
						RATED 7,2			RATED 7,2			-15	-10	-5	0	5	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 inp	CURRENT (A)	W	W	W	W	W	W		inch	inch	mm			m3(h)		mm	mm	mm					
UEMT6144Z	1/5	5,19	A	CSIR	8,5	573	235	1,48	567	235	1,48	221	280	349	431	523	625	0,6	3/8	1/4	200	5/28°	1	300	14,9	430	308	226	3	8	1955427	UEMT6144Z	
																																	1955432
UEMT6160Z	1/4	6,76	A	CSIR	13,5	758	314	1,87	750	314	1,87	297	373	465	571	692	825	1,1	3/8	1/4	230	5/28°	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	812	366	2,13	318	402	502	617	749	893	1,1	3/8	1/4	230	5/28°	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	949	418	2,86	359	457	574	711	870	1043	1,1	3/8	1/4	254	5/28°	1	320	21	467	339	296	3	11	1955287	UNEK6187Z	
																										465	340	296			1955184		
UNEK6210Z	1/3+	12,11	A	CSIR	19,5	1228	497	2,9	1216	497	2,90	381	530	735	888	1044	1203	1,1	3/8	1/4	254	5/28°	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	1434	730	3,95	568	727	908	1106	1327	1601	1,1	3/8	1/4	254	5/28°	1	595	23	467	339	296	3	11	1955287	UNEK6212Z	
																										465	340	296			1955184		
UNEK6214Z	1/2+	16,8	A	CSIR	21,2	1492	753	5,17	1477	753	5,17	584	750	935	1139	1368	1601	1	3/8	1/4	254	5/28°	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	1468	593	5,52	625	775	942	1135	1335	1523	1,2	3/8	1/4	254	5/28°	1	740	27,2	465	340	296	3	11	1955400	UNT6215Z	
UNT6217Z**	3/4	20,44	A	CSR	25	1830	812	5,7	1726	766	5,7	663	829	1040	1296	1599	1950	2,3	1/2	3/8	275	5/31°	1	640	33,5	470	395	324	3	12	1955401	UNT6217Z	
UNT6220Z**	3/4	20,37	N	CSR	29	1970	960	5,99	1950	960	5,99	748	954	1194	1473	1792	2142	2,3	1/2	3/8	275	5/31°	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	UD	2,3	1/2	3/8	275	5/31°	1	640	UD	UD	UD	UD	3	12	UD	UNTU6224ZV
UNJ6220Z	4/5	26,11	A	CSR	35	2363	1058	6,45	2340	1058	6,45	897	1143	1432	1767	2150	2570	2,3	1/2	3/8	275	5/31°	1	640	34,7	481	409	324	3	12	1955186	UNJ6220Z	
UNJ6226Z	1+	34,38	A	CSR	31	3006	1355	6,75	2976	1355	6,75	1217	1531	1896	2312	2759	3244	2,3	5/8	3/8	275	5/31°	1	640	37,5	481	409	324	3	12	1955186	UNJ6226Z	
UNJ6220ZX	4/5	26,11	M	3 Ph	10	2285	1004	2,28	2262	1004	2,28	882	1141	1425	1761	2112	2488	2,3	1/2	3/8	275	5/31°	1	640	34,7	481	409	324	3	12	1955186	UNJ6220ZX	
UNJ6226ZX	1	34,38	M	3 Ph	13	2796	1293	2,4	2768	1293	2,40	1217	1531	1896	2312	2759	3244	2,3	5/8	3/8	275	5/31°	1	640	34,7	481	409	324	3	12	1955186	UNJ6226ZX	
UGNJ6220ZX	1 1/2	2x26,11	M	3 Ph		4570	2008	3,2		2008	3,2	1565	2072	2665	3366	4141	4976	2,3		3/8	250	7	2	3020	84	1093	551	311	4	11	1955365	UGNJ6220ZX	
UGNJ6226ZX	2	2x34,38	M	3 Ph		6012	2586	4,6		2586	4,6	2160	2781	3533	4419	5409	6488	2,3		3/8	250	7	2	3020	84	1093	551	311	4	11	1955365	UGNJ6226ZX	

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

R134a

HBP 60Hz

R134a R404A / R507 R290
 LBP MBP M/HBP HBP
 50Hz 60Hz

MODEL	HP	DISPLACEMENT cm ³	VOLTAGE & FREQUENCY	MOTOR TYPE	LRA	RATED POINT EN13215						RE- CEIVER VOLUME LITRE	VALVES		FAN				WEIGHT (Only Reference) kg	OVERALL DIMENSIONS			CONDENSER		DRAWING NUMBER	MODEL			
						RATED 7,2			-15	-10	-5		0	5	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	inch	inch	mm				m3(h)	mm	mm			mm		
UNEK6170Z	1/4	8,39	CSIR	G	28,5	963	502	5,35	431	453	557	683	767	1121	1	3/8	1/4	230	5/28°	1	480	14,9	435	306	254	3	9	1955183	UNEK6170Z
UNEK6187Z	1/3+	12,11	CSIR	D	17,3	1320	672	3,76	571	717	878	1051	1231	1429	1	3/8	1/4	254	5/28°	1	660	16	467	339	296	3	11	1955287	UNEK6187Z
UNEK6187Z	1/3+	12,11	CSIR	G	29	1320	672	7,94	571	717	878	1051	1231	1429	1	3/8	1/4	254	5/28°	1	660	16	467	339	296	3	11	1955287	UNEK6187Z
UNEK6210Z	1/3+	12,11	CSIR	G	37	1394	730	7,74	580	739	911	1098	1300	1515	1	3/8	1/4	254	5/28°	1	660	21,7	467	339	296	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	5/28°	1	660	23	467	339	296	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	5/28°	1	930	23	467	339	296	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	5/28°	1	660	23	467	339	296	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	5/28°	1	930	23	467	339	296	3	11	1955414	UNEK6214Z
UNT6215Z	1/2+	17,39	CSIR	D	20,8	1927	927	5,23	852	1064	1293	1540	1805	2088	1,3	3/8	1/4	254	5/28°	1	930	27,2	465	340	296	3	11	1955400	UNT6215Z
UNT6215Z	1/2+	17,39	CSIR	G	44	1927	927	10,45	852	1064	1293	1540	1805	2088	1,3	3/8	1/4	254	5/28°	1	930	27,2	465	340	296	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	5/31°	1	720	33,5	470	395	324	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	5/31°	1	720	33,5	470	395	324	3	12	1955410	UNT6217Z
UNJ6220Z	1	26,2	CSR	D	42	2673	1330	8,21	1163	1470	1790	2156	2520	2912	2,3	1/2	3/8	275	5/31°	1	720	34,7	481	409	324	3	12	1955186	UNJ6220Z
UNJ6220Z	1	26,2	CSR	G	72	2560	1330	14,72	1163	1470	1790	2156	2520	2912	2,3	1/2	3/8	275	5/31°	1	720	34,7	481	409	324	3	12	1955186	UNJ6220Z
UNJ6226Z	1+	34,37	CSR	D	40	2996	1610	9,05	1390	1740	2100	2466	2840	3323	2,3	5/8	3/8	275	5/31°	1	720	37,5	481	409	324	3	12	1955186	UNJ6226Z

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

R404A / R507

LBP 50Hz

R134a R404A / R507 R290
LBP MBP M/HBP HBP
50Hz 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 TUBE LINE O.D.		FAN				WEIGHT (ONLY REFERENCE)	OVERALL DIMENSIONS			CONDENSER		EXTERNAL VIEW DRAWING	MODEL					
						RATED -23,3			RATED -23,3			-40	-35		-30	-25	-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 inp	CURRENT (A)	W	W		W	W	W	W	W	inch		inch	mm			m3(h)			mm	mm	mm		
UEMT2125GK	1/2-	5,96	A	CSIR	9,8	369	317	1,72	315	271	1,72	129	171	225	289	366	461	570	1,1	3/8	1/4	230	5/28°	1	420	17,1	435	308	254	3	9	1955428	UEMT2125GK
UNEK2125GK	1/2	6,2	A	CSIR	12,4	410	342	2,48	350	292	2,48	154	191	266	311	389	469	585	1,1	3/8	1/4	230	5/28°	1	420	17,1	435	306	254	3	9	1955183	UNEK2125GK
UNEK2134GK	1/2+	8,77	A	CSIR	16,1	490	342	2,77	419	292	2,77	180	216	315	401	476	576	687	1,1	3/8	1/4	254	5/28°	1	595	20,0	467	339	296	3	11	1955287	UNEK2134GK
UNEK2150GK	3/4	12,11	A	CSIR	19,5	639	530	3,52	546	453	3,52	270	322	392	481	589	725	880	1,1	3/8	1/4	254	5/28°	1	595	20,0	467	339	296	3	11	1955287	UNEK2150GK
UNEK2168GK	1+	14,28	A	CSIR	18,5	840	730	4,17	718	624	4,17	261	367	484	643	825	994	1153	1,1	3/8	1/4	254	5/28°	1	460	23,8	491	340	296	4	11	1955452	UNEK2168GK
UNT2168GK	1+	14,5	N	CSR	25,5	832	655	2,92	711	560	2,92	264	367	492	645	810	1013	1246	1,1	3/8	1/4	254	5/28°	1	460	33,8	476	340	296	4	11	1955404	UNT2168GK
UNT2178GK	1 1/4-	17,39	A	CSIR	25	910	655	4,39	778	560	4,39	311	410	542	710	912	1164	1455	1,2	3/8	1/4	254	5/28°	1	460	33,8	476	340	296	4	11	1955404	UNT2178GK
UNT2180GK	1 1/4	20,44	A	CSIR	25	973	701	4,2	832	611	4,2	321	427	568	749	971	1245	1610	1,2	3/8	1/4	254	5/28°	1	460	33,8	476	340	296	4	11	1955404	UNT2180GK
UNT2192GK **	1 1/2	22,37	A	CSR	34,5	1146	842	5,5	979	720	5,5	394	523	691	896	1142	1443	1787	2,3	3/8	1/4	275	5/31°	1	800	36,2	470	395	324	3	12	1955401	UNT2192GK
UNT2212GK **	2-	27,8	A	CSR	33	1443	991	5,25	1233	847	5,25	515	669	873	1130	1437	1819	2258	2,3	1/2	3/8	275	5/31°	1	800	33,8	470	395	324	3	12	1955401	UNT2212GK
UNJ2192GK	1 1/2	26,11	A	CSR	26	1198	942	4,75	1024	805	4,75	359	495	657	919	1184	1497	1844	2,3	1/2	3/8	275	5/31°	1	800	36,2	481	409	324	3	12	1955186	UNJ2192GK
UNJ2192GS	1 1/4+	26,11	M	3 Ph	13,5	1081	900	2,28	924	769	2,28	359	495	657	846	1063	1320	1605	2,3	1/2	3/8	275	5/31°	1	800	36,2	481	409	324	3	12	1955186	UNJ2192GS
UNJ2212GK	2	34,38	A	CSR	36	1599	1175	6,05	1367	1004	6,05	488	717	962	1251	1574	1950	2365,77	2,3	5/8	3/8	275	5/31°	1	800	37,0	481	409	324	3	12	1955186	UNJ2212GK
UNJ2212GS	2+	34,38	M	3 Ph	20,6	1599	1479	2,38	1367	1264	2,38	488	717	962	1251	1574	1950	2366	2,3	5/8	3/8	275	5/31°	1	800	40,0	481	409	324	3	12	1955186	UNJ2212GS
UGNT2180GJ	2	2x20,44	A	CSR		2135	1708	7	1841	1472		713	987	1318	1682	2164	2768	3446	2,3		3/8	254	5/28°	2	1325	80	850	530	293	4	11	1955332	UGNT2180GJ
UGNJ2192GK	2 1/4	2x26,11	A	CSR		2396	1884	8,62	2066	1624		718	990	1315	1839	2367	2993	3687	2,3		3/8	254	5/28°	2	1325	85	1093	551	311	4	11	1955339	UGNJ2192GK
UGNJ2192GS	2 1/4	2x26,11	M	3 Ph		2162	1800	4,2	1864	1552		718	990	1315	1691	2126	2640	3209	2,3		3/8	254	5/28°	2	1700	85	1093	551	311	4	11	1955339	UGNJ2192GS
UGNJ2212GK	2 3/4	2x34,38	A	CSR		3198	2350	12,2	2757	2026		976	1434	1924	2502	3148	3900	4732	2,3		3/8	254	5/28°	2	1325	87	1093	551	311	4	11	1955339	UGNJ2212GK
UGNJ2212GS	2 3/4	2x34,38	M	3Ph		3198	2958	4,6	2757	2250		976	1434	1924	2502	3148	3900	4732	2,3		3/8	254	5/28°	2	1700	87	1093	551	311	4	11	1955339	UGNJ2212GS

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

** Available also in CSIR execution and assembly group 1955413

R404A / R507

LBP 60Hz

R134a R404A / R507 R290
LBP MBP M/HBP HBP
50Hz 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		
						RATED -23,3			-40	-35	-30	-25	-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	W	inch	inch	mm				m3(h)	mm	mm	mm				
UNEK2134GK	1/2	8,77	CSIR	G	37,5	526	472	6	235	308	398	502	586	742	872	1,1	3/8	1/4	254	5/28°	1	595	17,9	465	340	296	3	11	1955287	UNEK2134GK
UNEK2150GK	1/2+	12,11	CSIR	G	41,5	785	477	9	421	490	583	700	615	911	1190	1,1	3/8	1/4	254	5/28°	1	595	20,0	465	340	296	3	11	1955287	UNEK2150GK
UNT2192GK	1+	22,37	CSR	D	40	1019	690	6	756	825	922	1039	1086	1333	1507	2,3	3/8	1/4	275	5/31°	1	800	36,2	470	395	324	3	12	1955401	UNT2192GK
UNT2192GK	1+	22,37	CSR	G	35	1019	690	15	756	825	922	1039	1086	1333	1507	2,3	3/8	1/4	275	5/31°	1	800	36,2	470	395	324	3	12	1955401	UNT2192GK
UNT2212GK	2 1/4	27,8	CSR	G		1735	1206	16	720	983	1281	1614	1981	2382	2818	2,3	1/2	3/8	275	5/31°	1	800	33,8	470	395	324	3	12	1955401	UNT2212GK
UNT2212GK	2 1/4	27,8	CSR	D	45	1735	1206	6	720	983	1281	1614	1981	2382	2818	2,3	1/2	3/8	275	5/31°	1	980	34,7	470	395	324	3	12	1955401	UNT2212GK
UNJ2192GK	1 1/2+	26,2	CSR	D	40	1265	1175	5	530	715	930	1170	1442	1742	2067	2,3	1/2	3/8	275	5/31°	1	720	36,2	481	409	324	3	12	1955186	UNJ2192GK
UNJ2212GK	2 1/4+	34,37	CSR	D	46	1871	1370	7	721	1037	1360	1730	2136	2571	3048	2,3	5/8	3/8	275	5/31°	1	720	40,0	481	409	324	3	12	1955186	UNJ2212GK

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

R404A / R507

M/HBP 50Hz

R134a R404A / R507 R290
 LBP MBP M/HBP HBP
 50Hz 60Hz

MODEL	HP	DISPLACEMENT cm ³	VOLTAGE & FREQUENCY	MOTOR TYPE	LRA A	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).			RATED POINT EN13215			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 REFER- ENCE) kg	OVERALL DIMENSIONS			Condenser		EXTERNAL VIEW DRAWING	MODEL				
						RATED 7,2			RATED 7,2			-20	-15	-10	-5	0	5		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 inP	CURRENT (A)	W	W	W	W	W	W		W	W	W	inch	inch		mm			m ³ (h)	mm			mm	mm		
																			inch	inch	mm				m ³ (h)	mm	mm	mm							
UEMT6144GK	1/5	3,97	A	CSIR	7,7	649	296	1,68	649	296	1,68	239	300	363	438	519	603	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	676	581	1,94	259	326	395	470	549	631	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	858	407	2,32	310	395	477	583	697	799	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	1252	620	2,70	368	470	585	715	860	1020	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	1302	628	3,91	501	594	604	826	986	1204	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	1531	1074	5,97	633	802	966	1130	1292	1439	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	1836	754	4,1	697	873	1063	1268	1487	1720	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	1804	882	5,30	688	849	1030	1231	1452	1692	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	2124	1095	5,15	684	908	1146	1403	1676	1970	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	2390	1225	6,25	769	1022	1289	1579	1886	2216	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	3016	1500	7,27	1091	1391	1706	2048	2414	2808	3210	2,3	1/2	3/8	300	5/28°	1	700	35,4	500	405	390	3	14	1955402	UNT6226GK		
						3016	1500	8,17	3016	1500	8,17	1091	1391	1706	2048	2414	2808	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	3141	1403	6,70	1047	1364	1701	2071	2473	2909	3360	2,3	5/8	3/8	300	5/28°	1	700	37,5	512	410	390	3	14	1955195	UNJ9226GK		
						3141	1403	6,79	3141	1403	6,79	1047	1364	1701	2071	2473	2909	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	2720	1300	2,78	1040	1351	1655	1951	2259	2565	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	2720	1300	3,90	1040	1351	1655	1951	2259	2565	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	3474	1728	8,12	1217	1565	1929	2341	2770	3229	3696	3,9	5/8	1/2	300	***	1	1450	42,3	600	440	372	3	14	1955406	UNJ9232GK		
						3474	1719	8,38	3474	1719	8,38	1214	1565	1929	2341	2770	3229	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	3365	1685	3,35	1265	1646	2015	2376	2751	3124	3523	3,9	5/8	1/2	300	***	1	1450	43,8	600	440	372	3	14	1955406	UNJ9232GS		
						3365	1709	4,4	3365	1709	4,40	1265	1646	2015	2376	2751	3124	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	4104	2221	10,01	1507	1905	2325	2942	3282	3819	4372	3,9	5/8	1/2	300	***	1	1300	45,3	600	440	372	4	14	1955406	UNJ9238GK		
						4104	2221	11,19	4104	2221	11,19	1507	1905	2325	2942	3282	3819	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	4419	2332	4,49	1614	2012	2438	2920	3477	4012	4532	3,9	5/8	1/2	300	***	1	1300	45,3	600	440	372	4	14	1955406	UNJ9238GS		
						4231	2215	5,48	4231	2215	5,48	1614	2012	2438	2904	3426	3942	4487	2,3			2x254	5/28°	2	1600	45	490	785	296	4	11	1955310			
UGNJ9226GK	2	2x20,71	V	CSR		6082	2806	12,8		2806	12,8	1974	2420	3053	3783	4607	5534	6500	2,3		3/8	250	7	2	3008	86	1093	551	311	4	11	1955365	UGNJ9226GK		
UGNJ9226GS	2	2x20,71	M	3Ph		5440	2600	7,8		2600	7,8	1793	2397	3005	3636	4318	5029	5662	2,3		3/8	250	7	2	3020	86	1093	551	311	4	11	1955365	UGNJ9226GS		
UGNJ9232GK	2 1/2	2x26,11	A	CSR		6722	3438	16,8		3438	16,8	2114	2780	3489	4287	5169	6144	7138	2,3		3/8	250	7	3	3595	87	1093	551	311	4	11	1955367	UGNJ9232GK		
UGNJ9232GS	2 1/2	2x26,11	M	3Ph		6730	3418	5,6		3418	5,6	2180	2920	3660	4428	5259	6125	8538	2,3		3/8	250	7	3	3660	87	1093	551	311	4	11	1955367	UGNJ9232GS		
UGNJ9238GK	3	2x32,67	V	CSR		8208	4442	20,2		4442	20,2	2598	3380	4223	5482	6273	7488	8744	2,3		3/8	250	7	3	3595	87	1093	551	311	4	11	1955367	UGNJ9238GK		
UGNJ9238GS	3	2x32,67	M	3Ph		8332	4370	7,2		4370	7,2	2701	3616	4533	5482	6512	7657	8538	2,3		3/8	250	7	3	3595	87	1093	551	311	4	11	1955367	UGNJ9238GK		

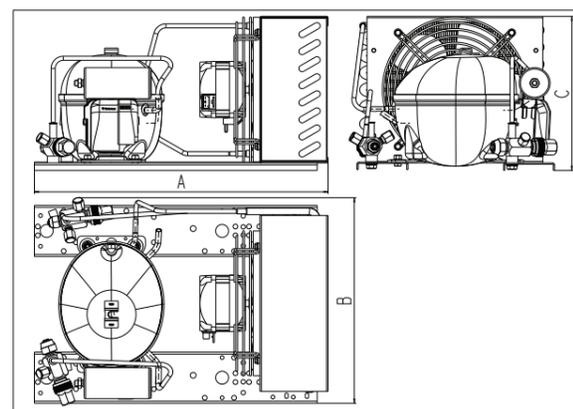
NOTES: Expansive device (C-V). Application range in 43°C (-20 to -0)

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

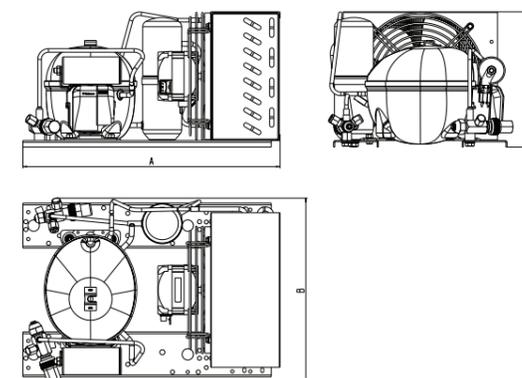
External Views
UEMT

EXTERNAL VIEW AND WIRING DIAGRAMS

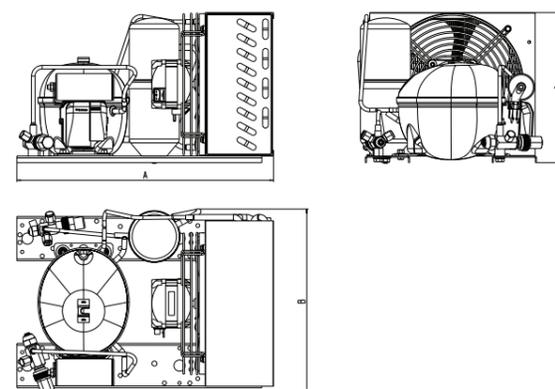
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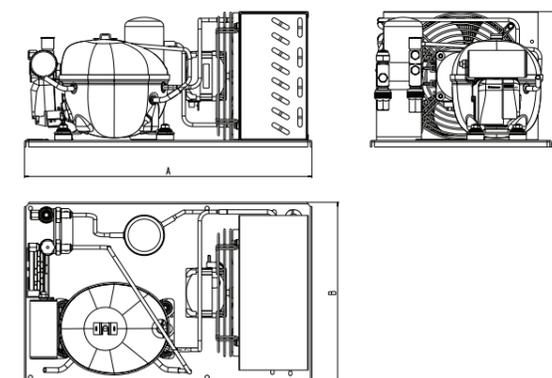
N° 1955427



N° 1955428

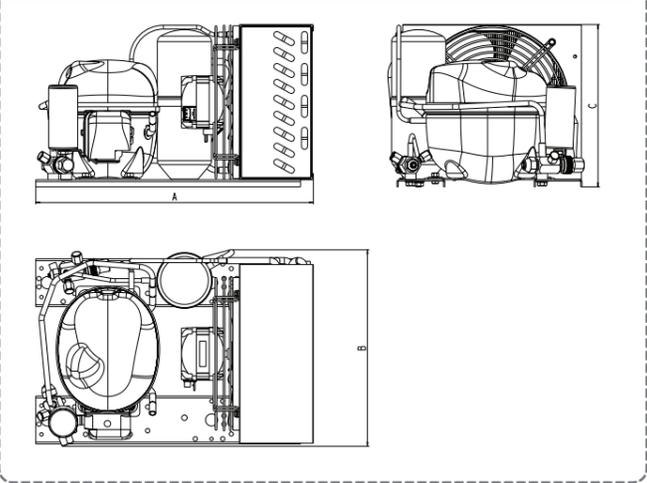


N° 1955432

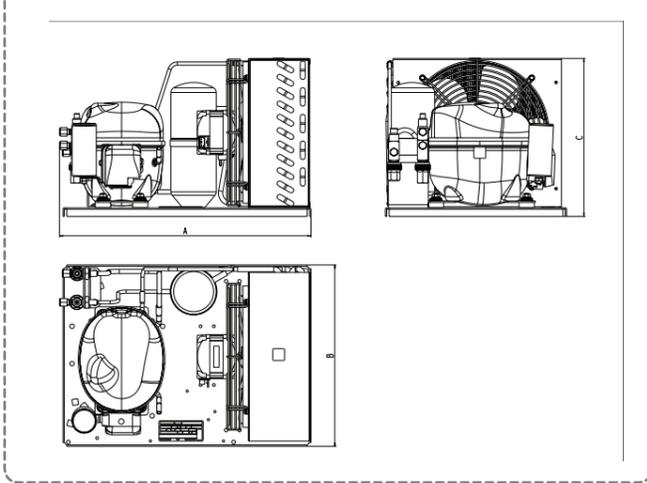


External Views
UNE/UNEK

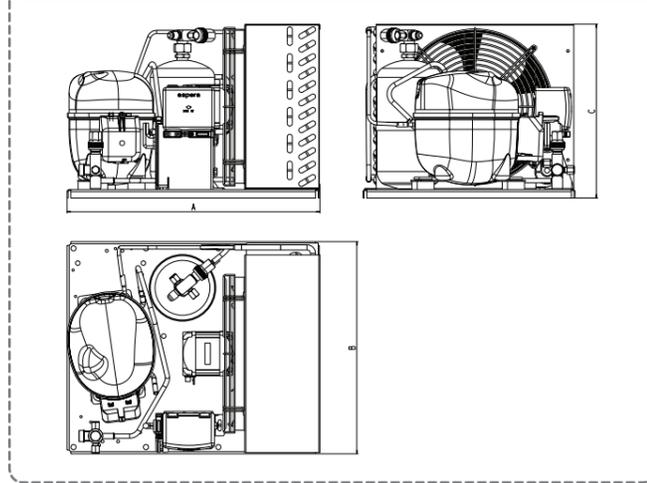
N° 1955183



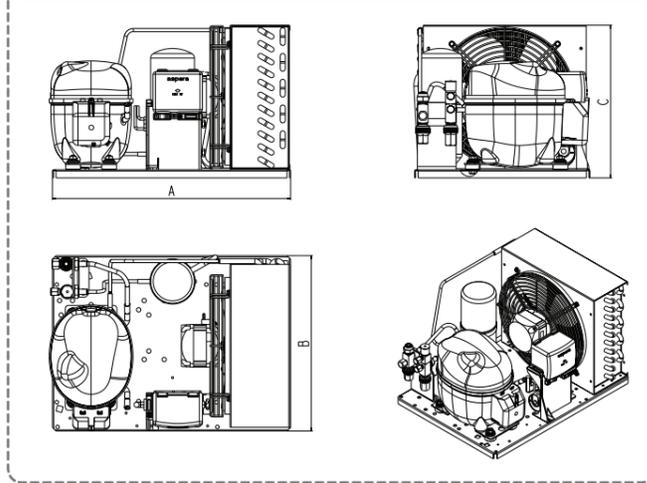
N° 1955184



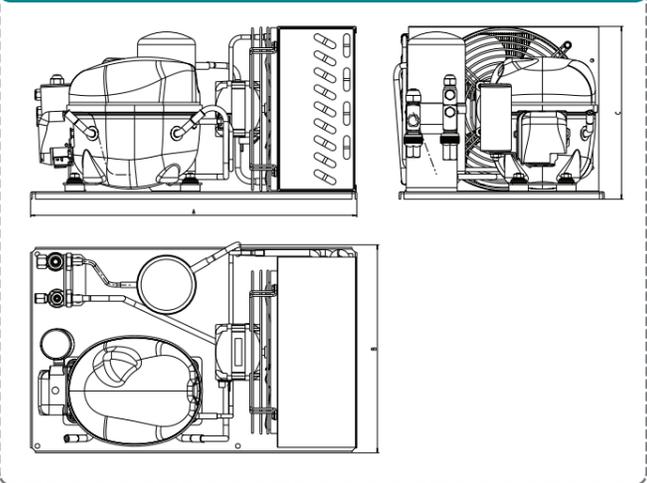
N° 1955411



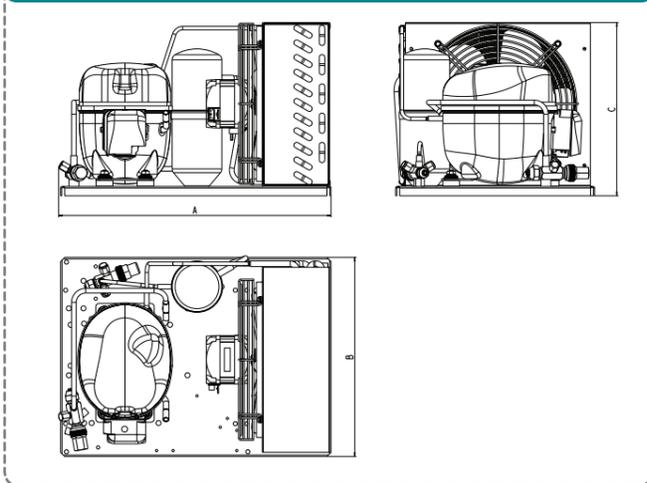
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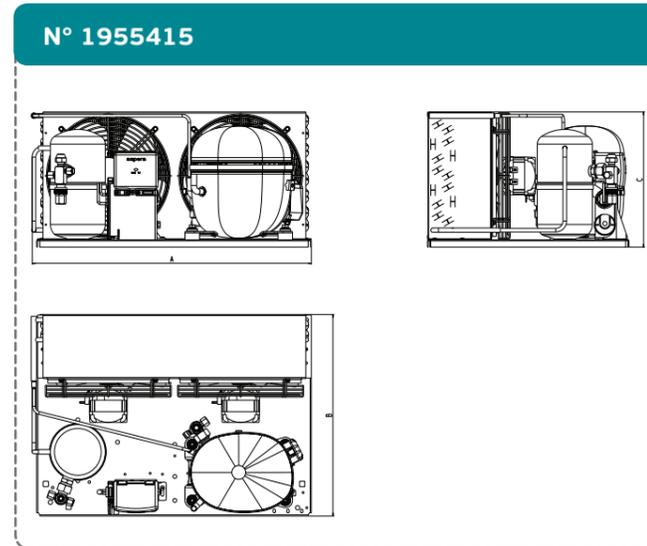
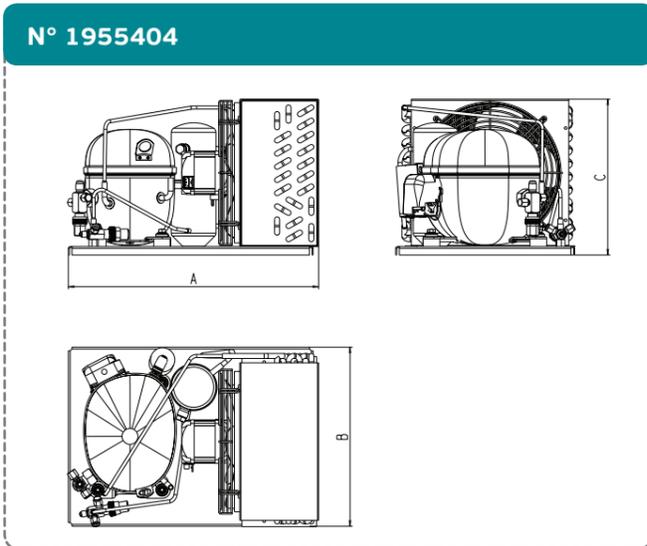
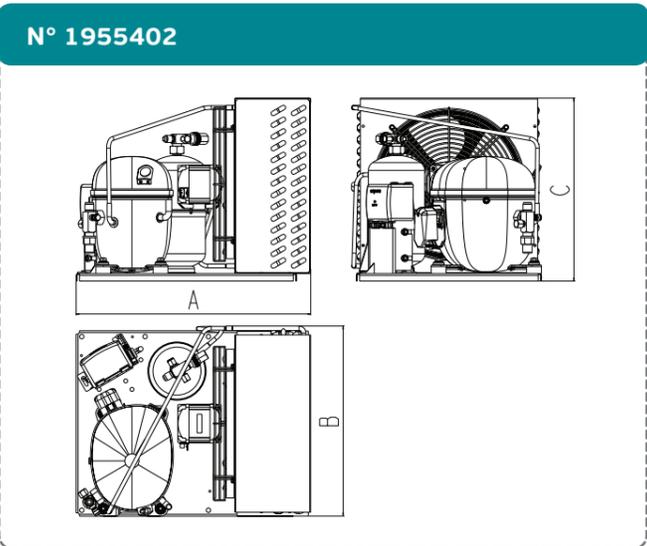
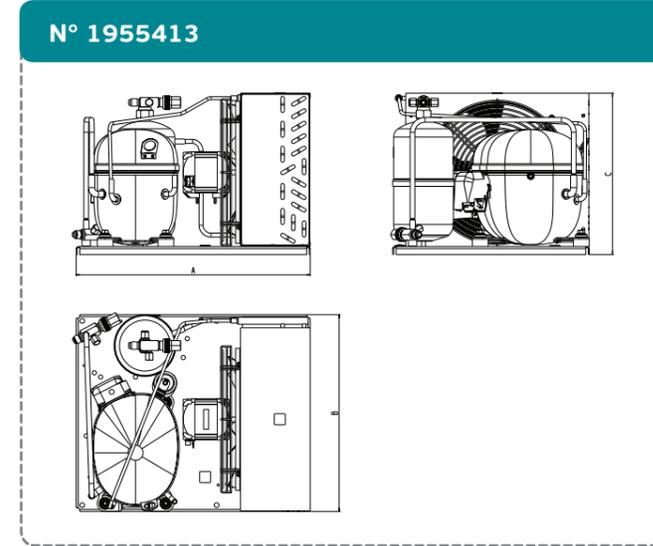
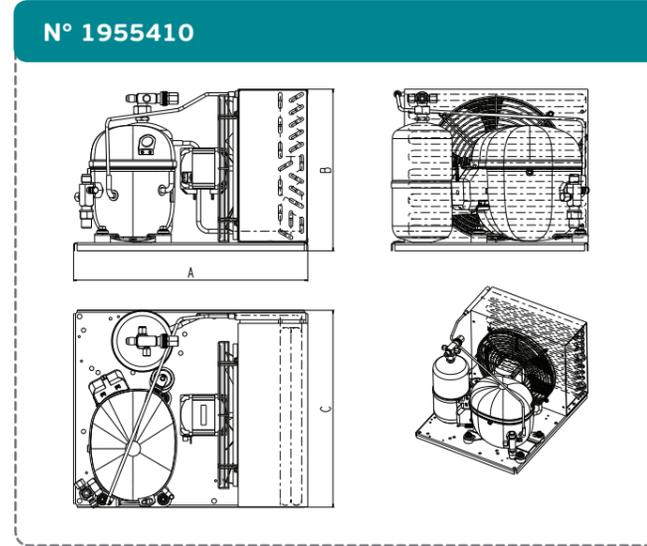
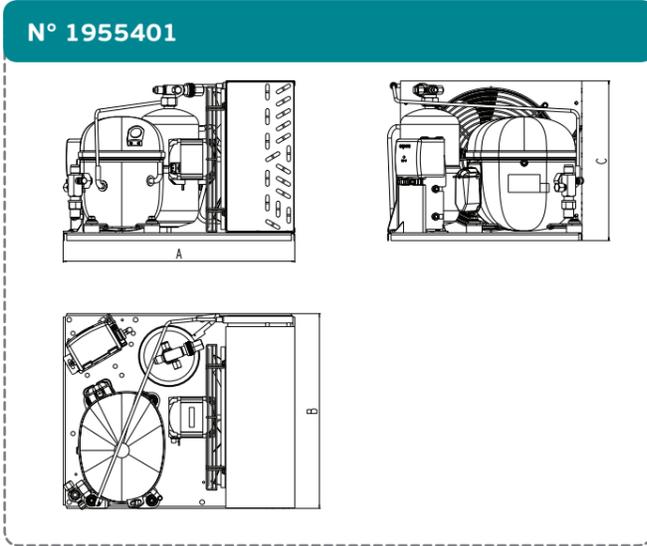
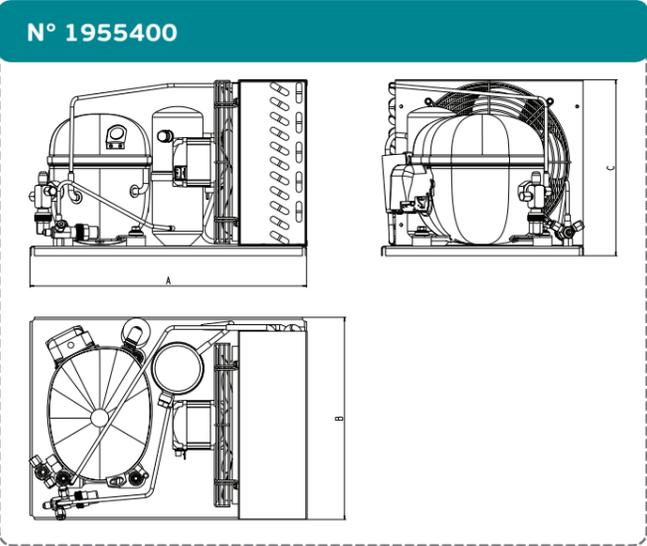
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N° 1955287

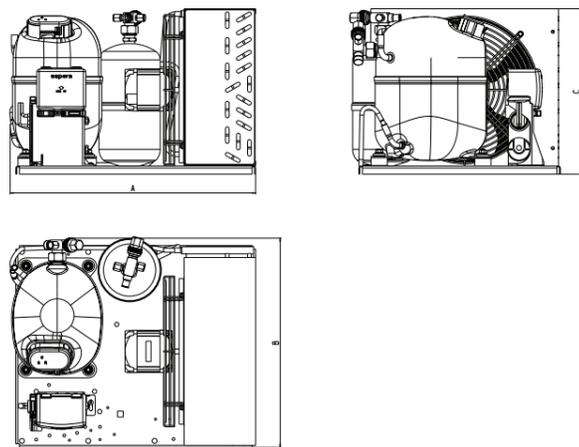


External Views
UNT

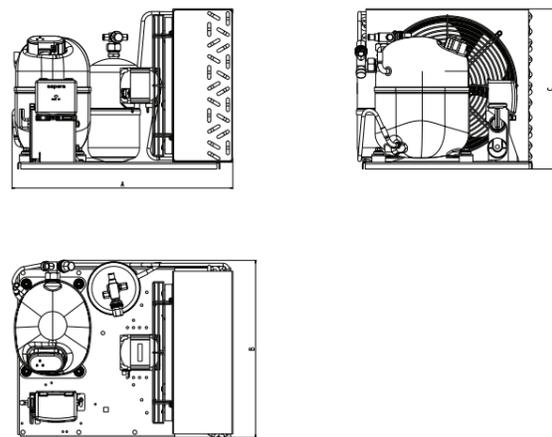


External Views
UNJ

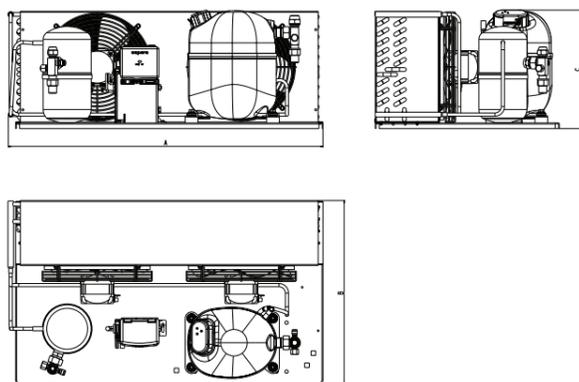
N° 1955186



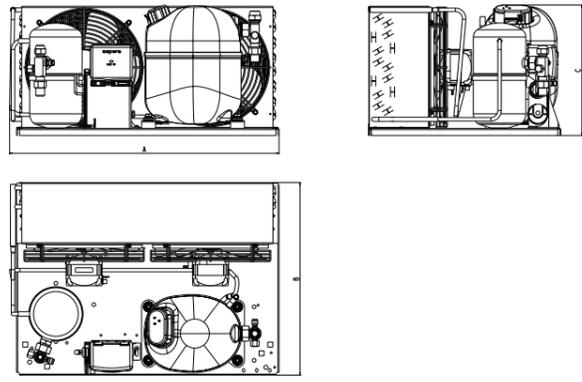
N° 1955195



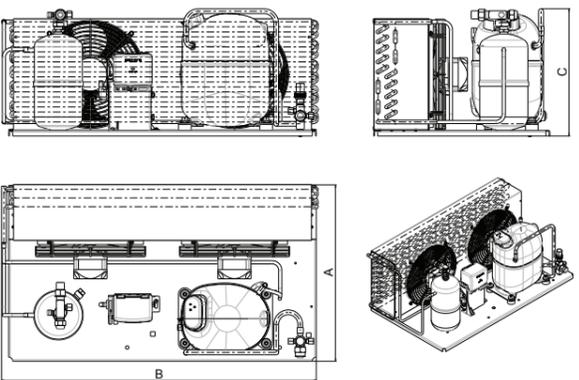
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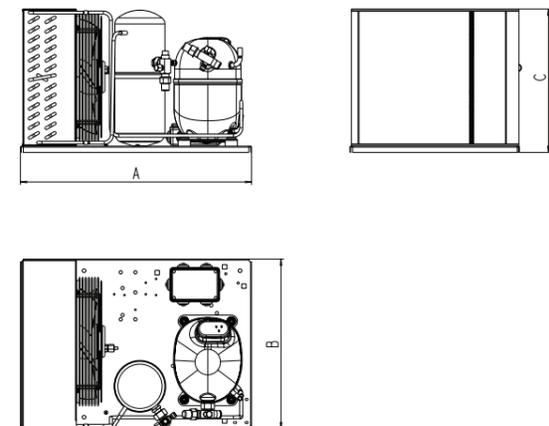
N° 1955312



N° 1955318

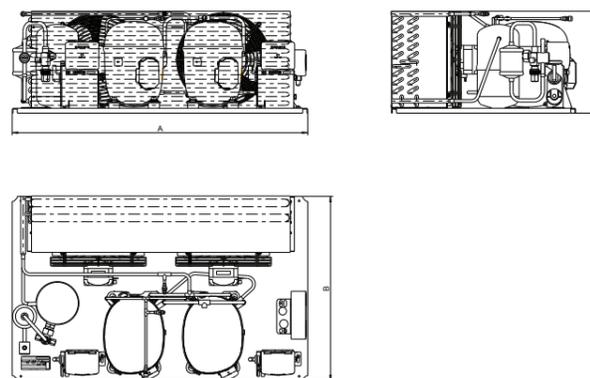


N° 1955406

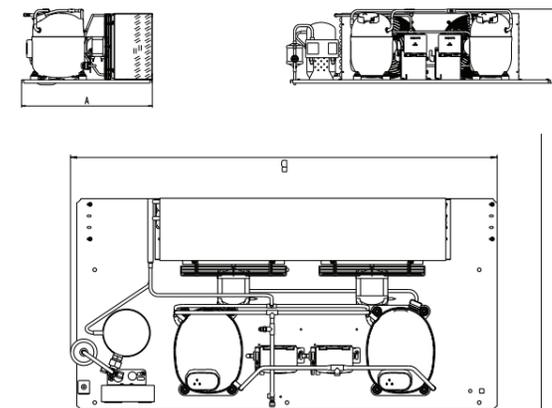


External Views
UGNJ - UGNT

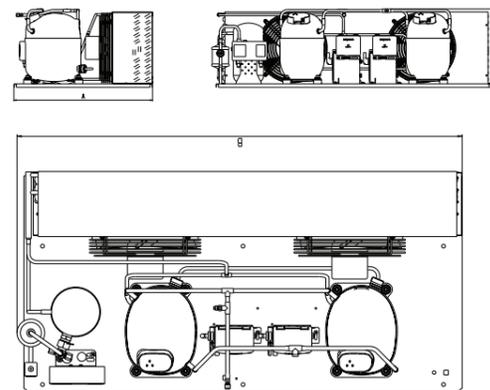
N° 1955451



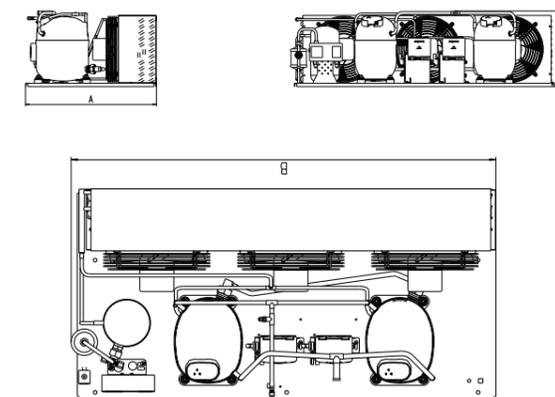
N° 1955339



N° 1955365



N° 1955367



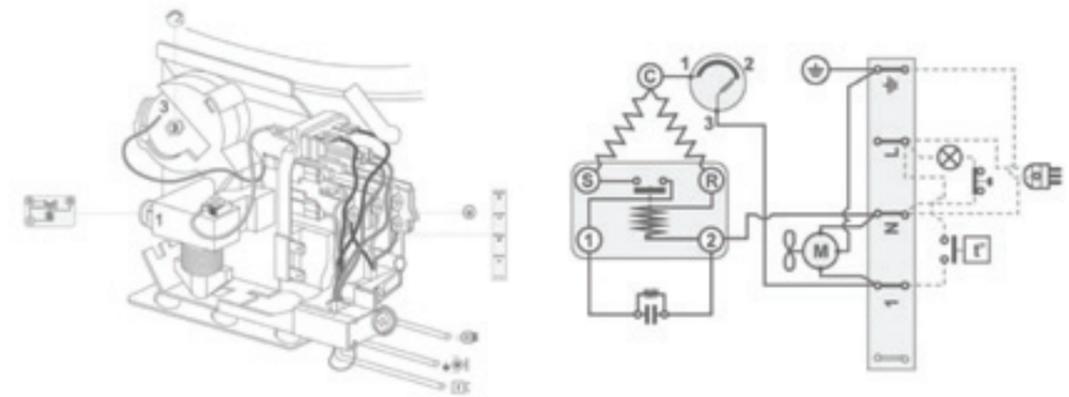
Wiring Diagrams

KEY

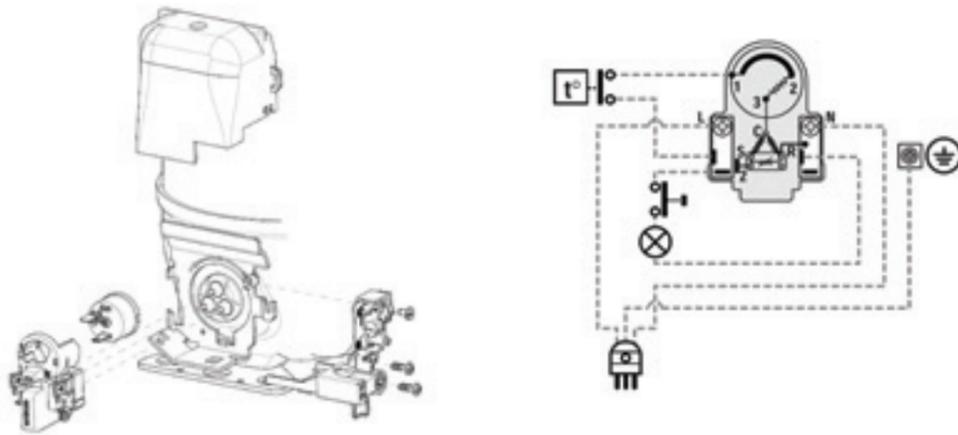
C Common	R Run	WH White	RD Red
S Start	C' Common (internal overload protection)	GNYE Green - Yellow	BL Blue
		BK Black	BR Brown



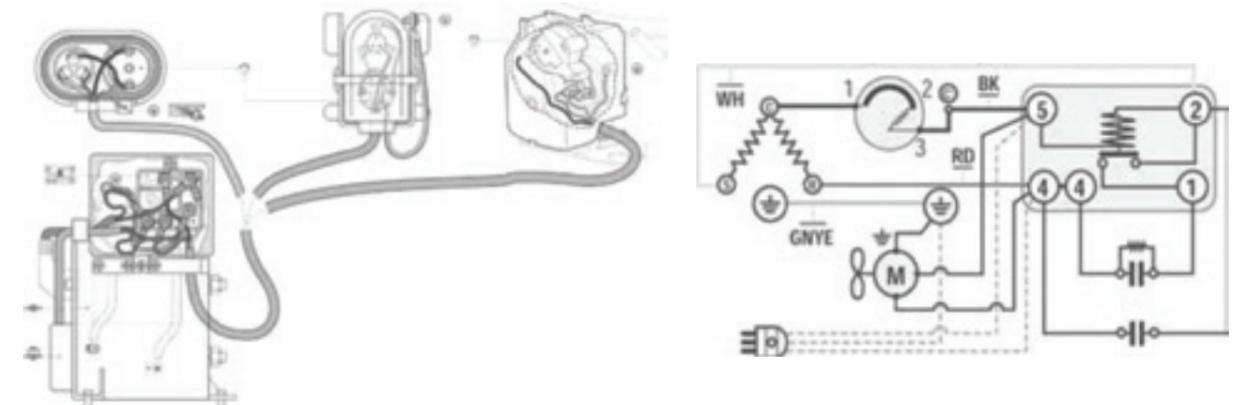
RSIR - ELECTRICAL HOOKUP UNE UNEK



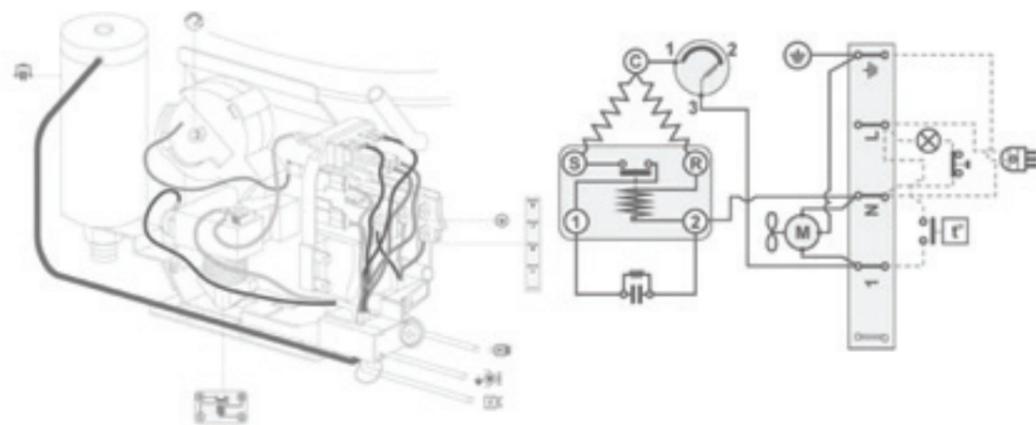
RSIR - PTC UEMT SERIES



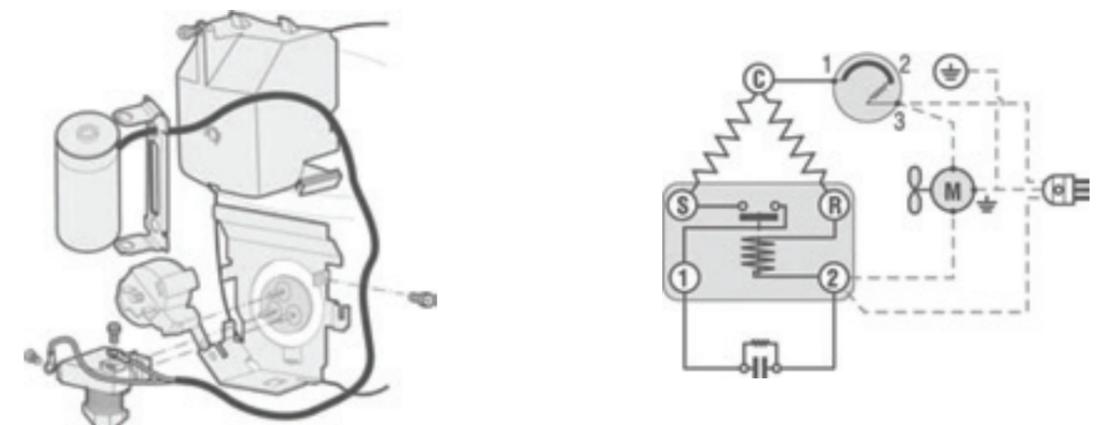
CSR - ELECTRICAL HOOKUP UNEK UNT UNJ SERIES



CSIR - ELECTRICAL HOOKUP UEMT UNE UNT UNEK

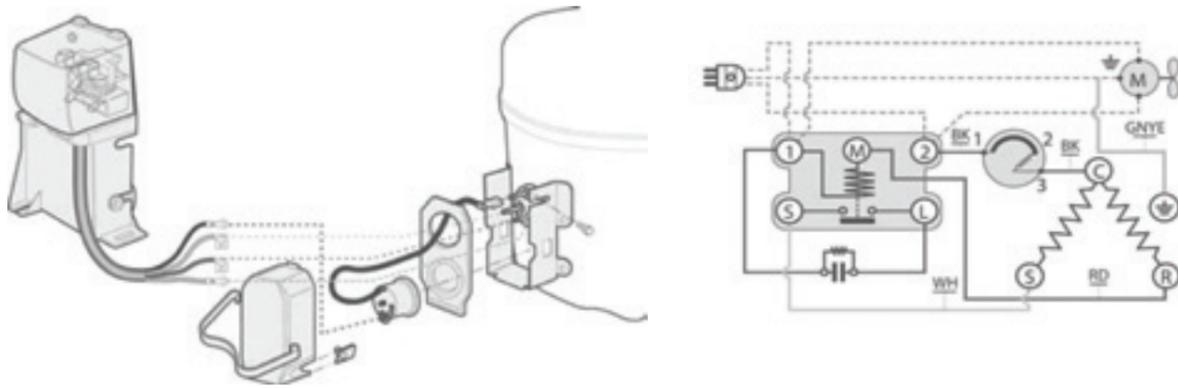


CSIR - UNEK UNT SERIES CORD ANCHORAGE & START DEVICE - AMERICAN VERSION

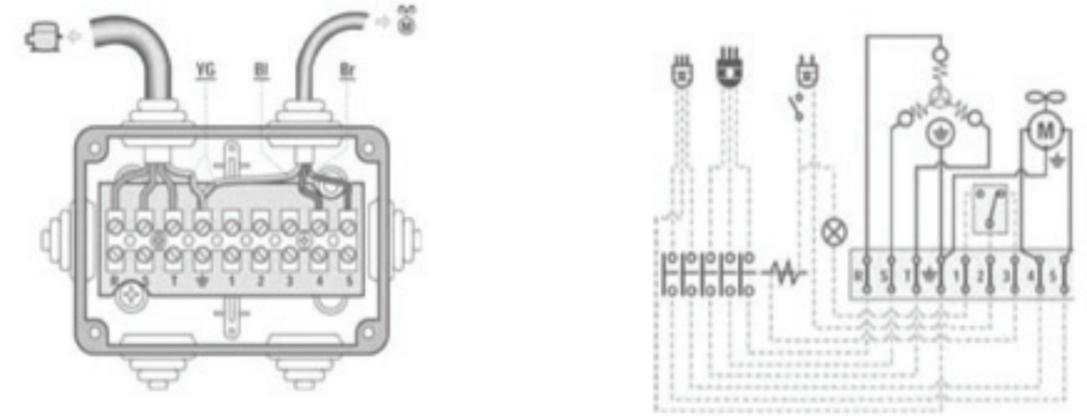


Wiring Diagrams

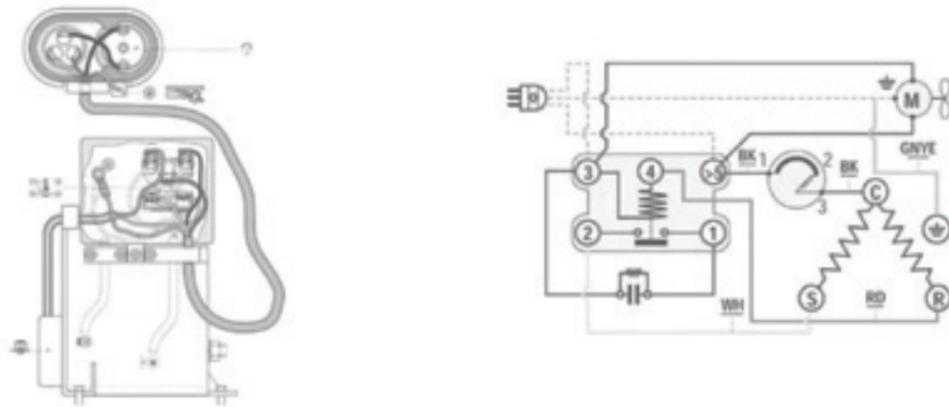
CSIR - UNT SERIES BOX



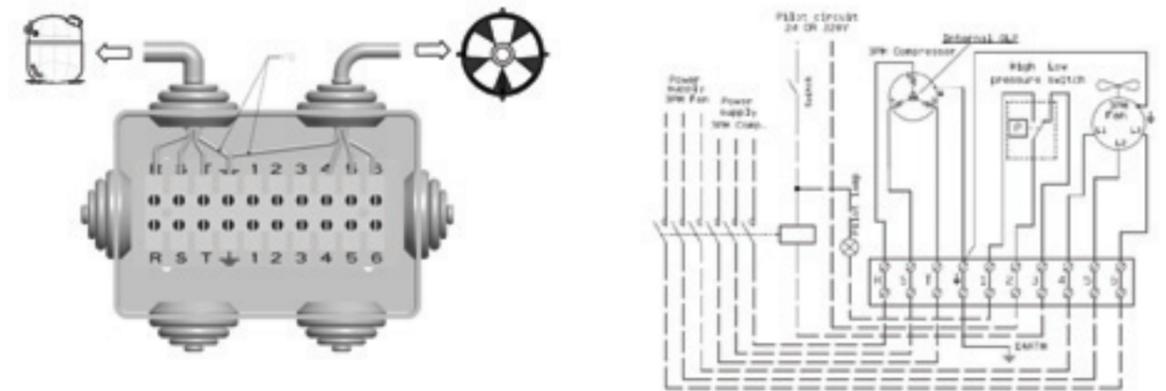
3 PHASE UNJ SERIES



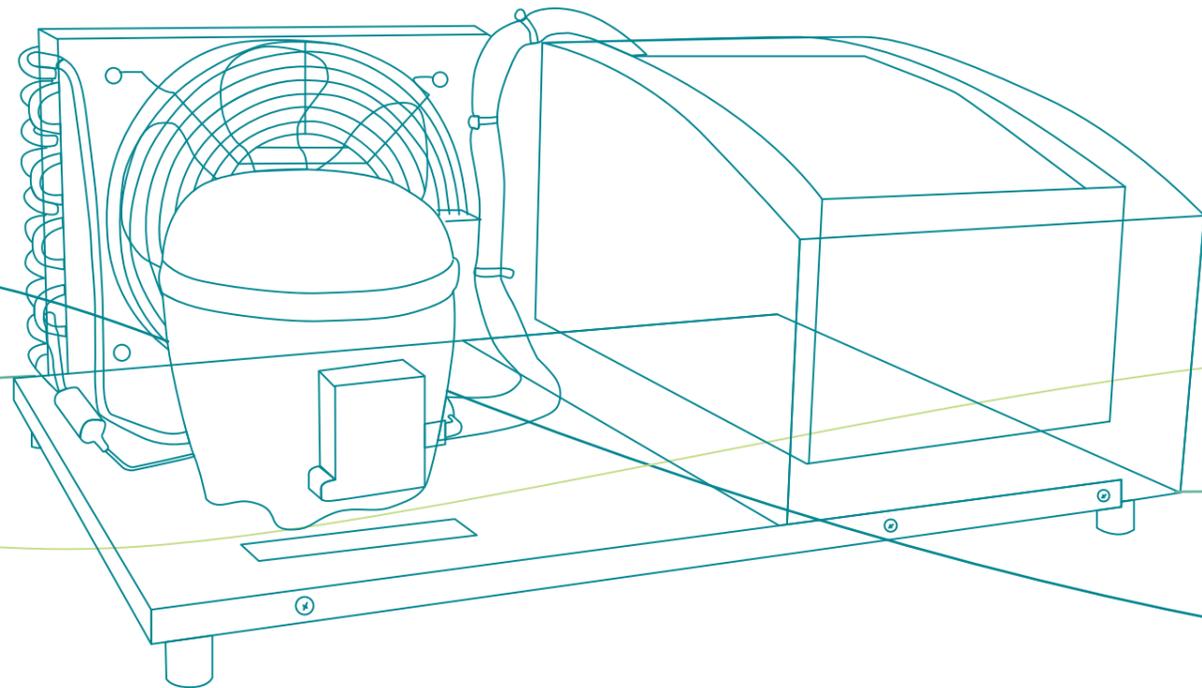
CSIR - ELECTRICAL HOOKUP UNJ



3 PHASE UNJ 9232/9238 SERIES



embraco POWER IN.
CHANGE ON.





GLOBAL PRESENCE

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