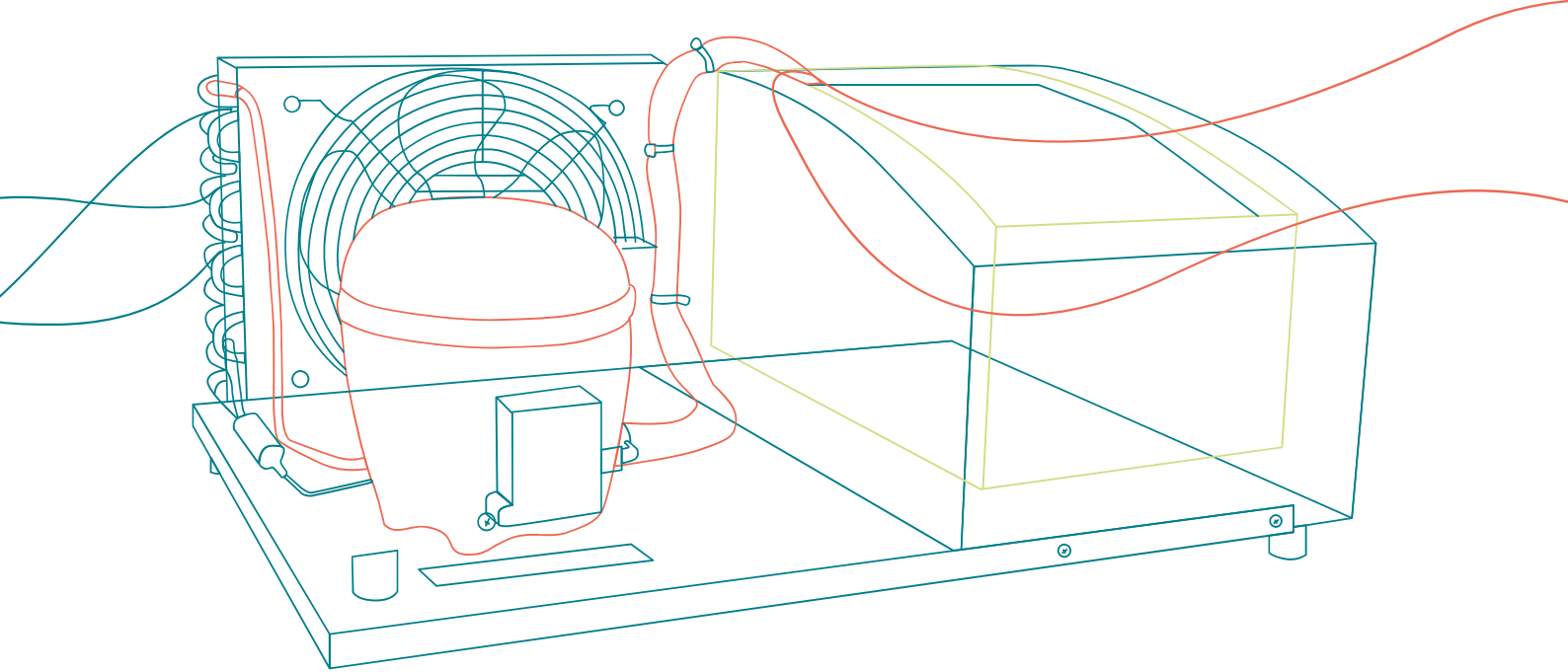


# CONDENSING UNITS EUROPE

TAILORED CUSTOMIZATION



Product range suitable  
for your needs.

● R134a

● R290

● R404A/R507/R452A

**embraco**



01

ABOUT EMBRACO

02

OUR PRODUCTS

03

PRODUCTS MAP

04

NOMENCLATURE

05

TECHNICAL  
INFORMATION

06

GENERAL DATA &  
PERFORMANCE

07

EXTERNAL VIEWS &  
WIRING DIAGRAMS

**embraco**



**EMBRACO is a global cooling specialist and leader in the refrigeration market**, aiming to combine technology and services, engineered around customers' needs.








**Our mission is to provide innovative solutions for a better quality of life.** We are passionate about technology and constantly investing in new developments, energy efficiency improvements, sustainability of our products and processes, combined with premium quality, operational excellence, and business knowledge to support our customers to reach their goals and even exceed the most restrictive international standards.

**What makes the difference when you choose Embraco?**

Thanks to our wide range of products combining hermetic and scroll compressors, condensing units and electronics, we can provide ultimate solutions for Household, Light Commercial and Aftermarket segments.

Our global footprint, with factories and offices located in Brasil, China, Italy, Mexico, Russia, Slovakia and United States, assures premium service level and runs flexible business in more than 80 Countries all over the world.

Our 500 professionals in R&D, laboratories and tech centers in 4 continents assure a constant focus and wide experience to support customers in the development of their solution.

-  More than 11,500 employees
-  More than 400 professionals in R&D
-  Production capacity of over 38 million compressors per year
-  More than 500 million products produced to date
-  More than 1,200 patents worldwide
-  Business conducted in more than 80 countries
-  R&D laboratories on 4 continents

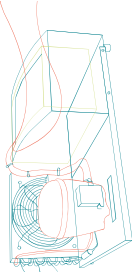
**embraco**

**transforming insights into great cooling experiences**

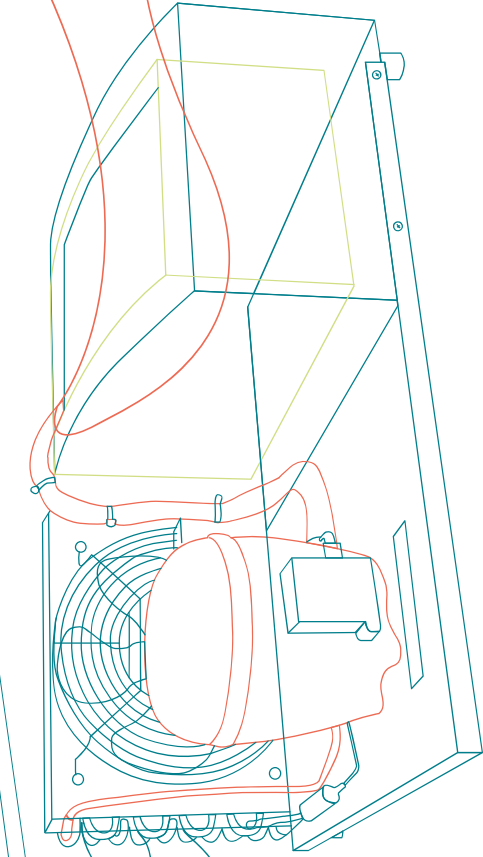
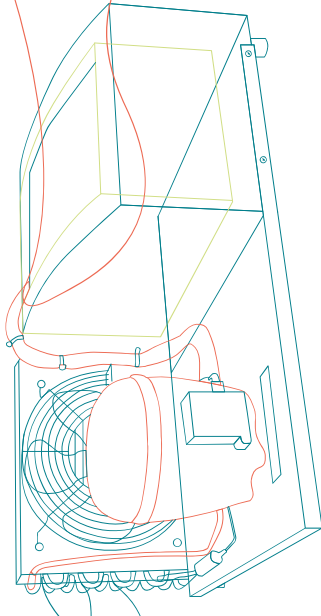
## HIGH EFFICIENCY



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.



## TROPICAL AND SUPERTROPICAL



All the Embraco Condensing Units are tested for tropical temperatures up to 43°C.



Available range tested for supertropical temperatures up to 48°C



## EU ECODESIGN REGULATION



THE COMMISSION REGULATION (EU) DOSSIER NO 11898/14 IMPLEMENTING DIRECTIVE 2009/125/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL WITH REGARD TO ECODESIGN REQUIREMENTS FOR PROFESSIONAL STORAGE CABINETS, CONDENSING UNITS AND PROCESS CHILLERS WILL ESTABLISH MINIMUM EFFICIENCY PERFORMANCE STANDARDS (MEPS) FOR NEW PRODUCTS BEING PLACED ONTO THE EU MARKET AS OF JULY 1ST 2016.

The Ecodesign Directive aims to reduce the environmental impact of energy related products during their entire lifetime, it provides a framework with specific and mandatory requirements for improving product quality and environmental protection, reducing energy and resources consumption and significantly contributing to the EU's 2020 energy efficiency objective.

In addition to this, the Energy Labelling gives clear information about the energy consumption and performance of specified appliances, helping consumers and end users to select energy efficient products allowing them to make informed purchasing decisions..

The EU legislation on Ecodesign is an effective tool for eliminating the least performing products from the market. As regards to the refrigeration systems, this regulation shall apply to professional refrigerated storage cabinets and blast cabinets, condensing units operating at low and medium temperature (monoblock units or split units are excluded). If, for instance, Ecodesign requirements for domestic refrigerators do not respect the Ecodesign Directive criteria, any refrigerator which does not comply with these requirements will not be CE marked and therefore cannot be sold in the European Union.

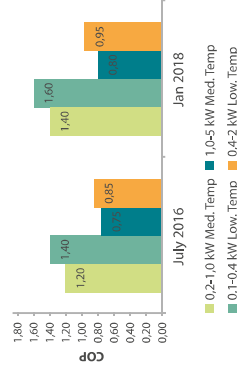
**EFFECTIVELY JULY 1ST, 2016,  
THE ENTIRE EMBRACO CONDENSING UNITS RANGE  
WILL MEET THE STANDARDS REQUIRED  
BY THIS NEW REGULATION,  
ENSURING THE CONFORMITY OF ITS PRODUCTS.**

## THE ECODESIGN REQUIREMENTS

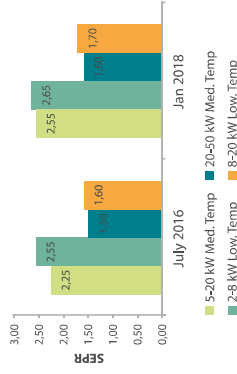
The coefficient of performance (COP) and the seasonal energy performance ratio (SEPR) of the condensing units shall not drop below the values indicated in the following table:

OPERATING TEMPERATURE	RATED CAPACITY P <sub>A</sub>	APPLICABLE RATIO	VALUE
MEDIUM	0,2 kW ≤ P <sub>A</sub> < 1 kW	COP	1,20
	1 kW ≤ P <sub>A</sub> < 5 kW	COP	1,40
	5 kW ≤ P <sub>A</sub> < 20 kW	SEPR	2,25
	20 kW ≤ P <sub>A</sub> < 50 kW	SEPR	2,35
LOW	0,1 kW ≤ P <sub>A</sub> < 0,4 kW	COP	0,75
	0,4 kW ≤ P <sub>A</sub> < 2 kW	COP	0,85
	2 kW ≤ P <sub>A</sub> < 8 kW	SEPR	1,50
	8 kW ≤ P <sub>A</sub> < 20 kW	SEPR	1,60

COP Condensing Units



SEPR Condensing Units



Note: Product data – check pages 20 - 23

Please visit our website: <http://www.embraco.com> for more details

OUR PRODUCTS



**SINGLE SPEED COMPRESSORS**

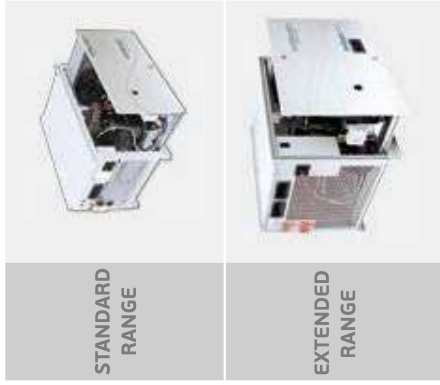
**FULLMOTION INVERTER COMPRESSORS**



**CONDENSING UNITS**



**SLIDING UNITS**



**MULTICOMPRESSORS SOLUTION**



## UEMT



- Low noise
- High efficiency level
- Wide application range
- Compact size

AVAILABLE FOR:	R134a R404A/R507/R452A R290
APPLICATION:	LBP, M/HBP
COMPRESSORS FROM:	3,4 CC TO 7,69 CC

## UNJ



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

AVAILABLE FOR:	R134a R404A/R507/R452A
APPLICATION:	LBP, M/HBP
COMPRESSORS FROM:	21,7 CC TO 34,4 CC

## UNE/UNEK/UNEU



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

AVAILABLE FOR:	R134a R404A/R507/R452A R290
APPLICATION:	LBP, M/HBP
COMPRESSORS FROM:	6,2 CC TO 16,8 CC

High efficiency versions of UNEK models (UNEU) available on demand

## SLIDING UNITS STANDARD RANGE



- Low noise
- High efficiency level
- Wide application range
- Compact size

AVAILABLE FOR:	*R134a R404A/R507/R452A
APPLICATION:	LBP, M/HBP * only LBP

## UNT



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

AVAILABLE FOR:	R134a R404A/R507/R452A
APPLICATION:	LBP, M/HBP
COMPRESSORS FROM:	14,5 CC TO 27,8 CC

## SLIDING UNITS EXTENDED RANGE



- Low noise
- High efficiency level
- Wide application range
- Compact size

AVAILABLE FOR:	*R134a R404A/R507/R452A
APPLICATION:	LBP, M/HBP * only LBP



## MULTICOMPRESSORS

A new entry into Embraco's Condensing Units: Multicompressors architecture is the smart solution to have small size platform, high efficiency and reduced noise level.



### MULTICOMPRESSORS SOLUTION

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

**AVAILABLE FOR:** R134a, R404A/R507/R452A

**APPLICATION:** LBP, M/HBP

**COMPRESSORS FROM:** 21,7 CC TO 34,4 CC

### PRODUCT FEATURES

extended range up to 8,6kW

available for R134a, R404A

2 or 3 compressor units

compact size

lower energy consumption

power control: possibility to switch on or switch off compressors based on required cooling capacity

doublestage delay unit (timer)

gradually switching of high loads

IoT control elements

PRODUCT MAP  
50 - 60 HZ





# CONDENSING UNIT PRODUCT MAP • 50 HZ

		R134a											R404A / R507 / R452A											R290		
		LBP	M/HBP	LBP	M/HBP	LBP	M/HBP	LBP	M/HBP	LBP	M/HBP	LBP	M/HBP	LBP	M/HBP	LBP	M/HBP	LBP	M/HBP							
AMB. (°C)	VOLT. FREQ.	COOL. (kW)	POWER INPUT (kW)	COP (N/W)	DIPL (L/C)	AMB. (°C)	VOLT. FREQ.	COOL. (kW)	POWER INPUT (kW)	COP (N/W)	DIPL (L/C)	AMB. (°C)	VOLT. FREQ.	COOL. (kW)	POWER INPUT (kW)	COP (N/W)	DIPL (L/C)	AMB. (°C)	VOLT. FREQ.	COOL. (kW)	POWER INPUT (kW)	COP (N/W)	DIPL (L/C)			
UNE																										
UNEK1162	A	32	102	107	0.96	7.40	32	99	115	0.96	7.40	32	102	107	0.96	7.40	32	102	107	0.96	7.40	32	99	115	0.96	7.40
UNEK1182	A	32	111	129	0.96	8.40	32	111	129	0.96	8.40	32	111	129	0.96	8.40	32	111	129	0.96	8.40	32	111	129	0.96	8.40
UNEK1162	A	32	104	135	0.77	7.40	32	104	135	0.77	7.40	32	104	135	0.77	7.40	32	104	135	0.77	7.40	32	104	135	0.77	7.40
UNEZ1212	A	32	123	162	0.75	9.27	32	123	162	0.75	9.27	32	123	162	0.75	9.27	32	123	162	0.75	9.27	32	123	162	0.75	9.27
UNEZ1302	A	32	207	195	1.06	12.12	32	207	195	1.06	12.12	32	207	195	1.06	12.12	32	207	195	1.06	12.12	32	207	195	1.06	12.12
UNEZ1342	A	32	206	216	0.95	14.30	32	206	216	0.95	14.30	32	206	216	0.95	14.30	32	206	216	0.95	14.30	32	206	216	0.95	14.30
UNEK21402	A	32	216	262	0.62	16.80	32	216	262	0.62	16.80	32	216	262	0.62	16.80	32	216	262	0.62	16.80	32	216	262	0.62	16.80
UNT																										
UNTF2152	N	32	860	508	1.69	17.40	32	860	508	1.69	17.40	32	860	508	1.69	17.40	32	860	508	1.69	17.40	32	860	508	1.69	17.40
UNTF2172	A	32	983	615	1.55	20.40	32	983	615	1.55	20.40	32	983	615	1.55	20.40	32	983	615	1.55	20.40	32	983	615	1.55	20.40
UNTF2202	N	32	1168	637	1.80	22.40	32	1168	637	1.80	22.40	32	1168	637	1.80	22.40	32	1168	637	1.80	22.40	32	1168	637	1.80	22.40
UNTF2242	A	32	1456	780	1.87	28.80	32	1456	780	1.87	28.80	32	1456	780	1.87	28.80	32	1456	780	1.87	28.80	32	1456	780	1.87	28.80
UNU																										
UNUJ2202	A	32	1036	793	1.31	25.10	32	1036	793	1.31	25.10	32	1036	793	1.31	25.10	32	1036	793	1.31	25.10	32	1036	793	1.31	25.10
UNUJ2262	A	32	1531	987	1.55	34.40	32	1531	987	1.55	34.40	32	1531	987	1.55	34.40	32	1531	987	1.55	34.40	32	1531	987	1.55	34.40
UNUJ2202X	M	32	1259	724	1.74	26.10	32	1259	724	1.74	26.10	32	1259	724	1.74	26.10	32	1259	724	1.74	26.10	32	1259	724	1.74	26.10
UNUJ2262X	M	32	1684	878	1.52	33.40	32	1684	878	1.52	33.40	32	1684	878	1.52	33.40	32	1684	878	1.52	33.40	32	1684	878	1.52	33.40
UNJ																										
UNJ92262	A	32	1971	1233	1.55	21.70	32	1971	1233	1.55	21.70	32	1971	1233	1.55	21.70	32	1971	1233	1.55	21.70	32	1971	1233	1.55	21.70
UNJ92262S	M	32	2086	1108	1.26	25.10	32	2086	1108	1.26	25.10	32	2086	1108	1.26	25.10	32	2086	1108	1.26	25.10	32	2086	1108	1.26	25.10
UNJ92262M	M	32	2623	1171	2.24	32.70	32	2623	1171	2.24	32.70	32	2623	1171	2.24	32.70	32	2623	1171	2.24	32.70	32	2623	1171	2.24	32.70

COOL. CAP. EN13215 / RATED POINT / RETURN GAS 20°C/AMBIENT TEMP. 25, 32, 43 °C/SUBCOOLING 3K  
 VOLT./FREQ. A = 220-240V/50HZ/1.230V/60HZ 1 - N = 200-240V/50HZ (230V/60HZ) 1 - M = 380-420V 50HZ / 440-480V 60HZ 3 - V = 230V 50HZ 1 -  
 High efficiency versions of UNEK models (UNEU) available on demand

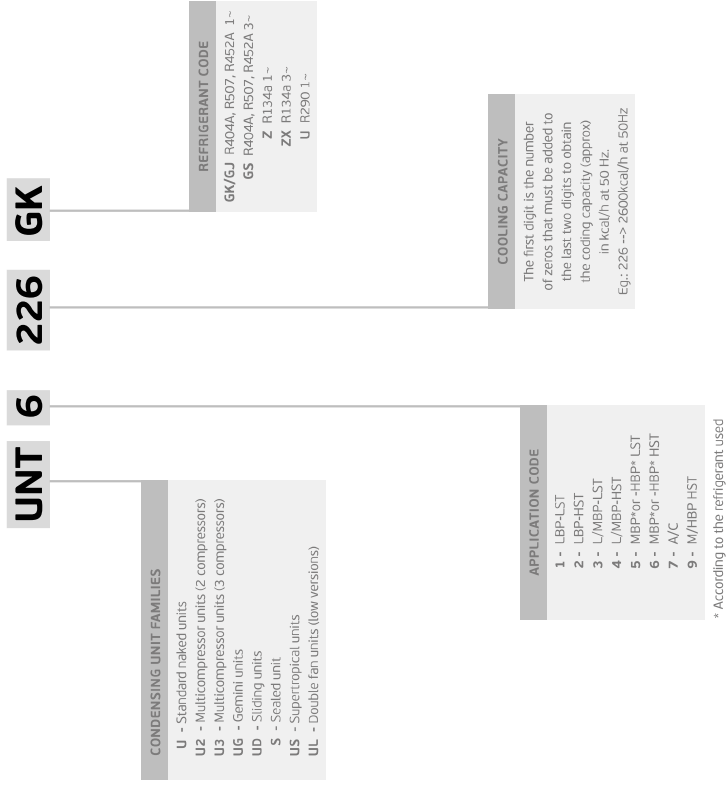




# NOMENCLATURE

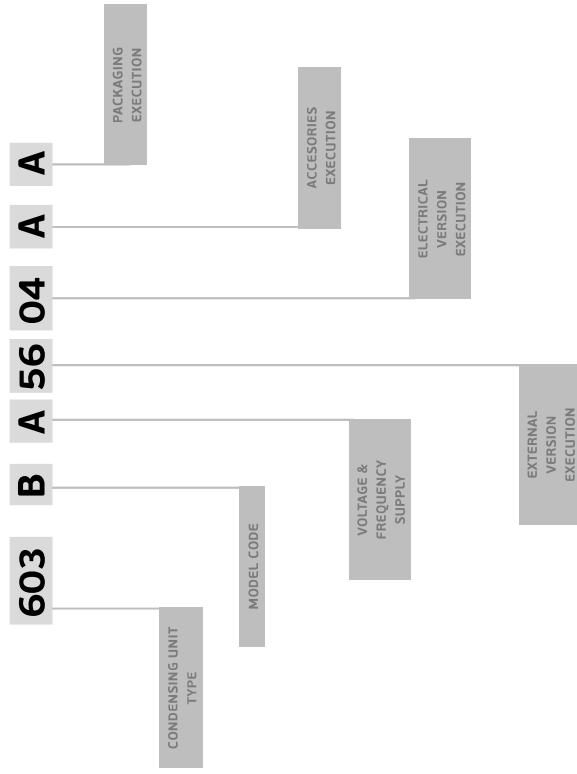


## MODEL DESCRIPTION CONDENSING UNIT SERIES: UEMT/UNE/UNJ/UNT/UDH/UDL



\* According to the refrigerant used

## CONDENSING UNIT BILL OF MATERIAL CODE



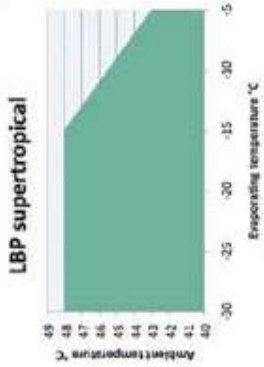
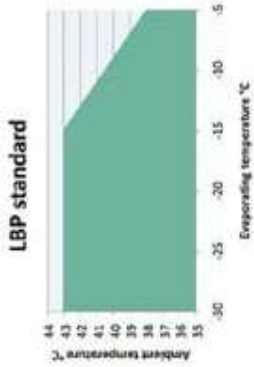
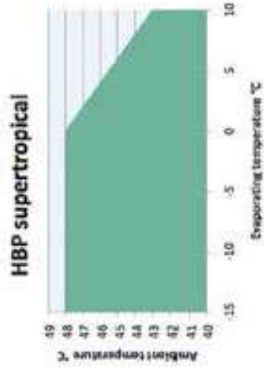
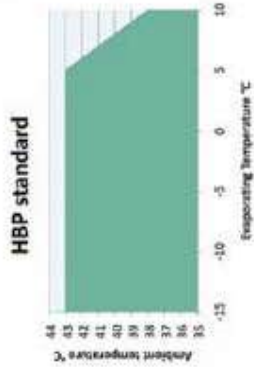
TECHNICAL  
INFORMATION



## OPERATING ENVELOPE

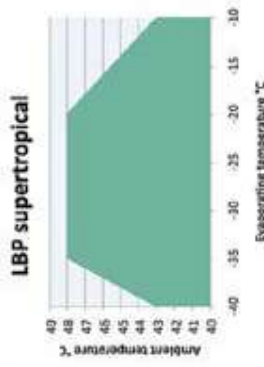
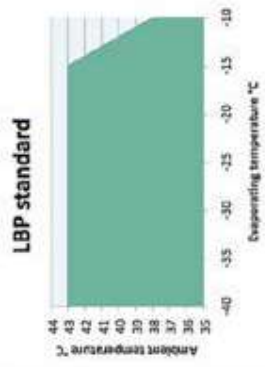
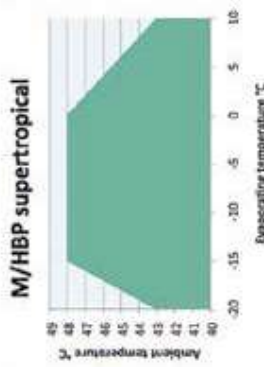
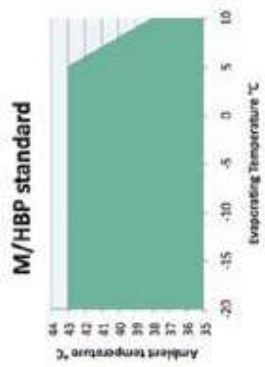
### R134a

Note: usage of condensing unit outside the intended working range cannot make use of the warranty, or should be consulted with Technical support.



### R404A R507 R452A R290

Note: usage of condensing unit outside the intended working range cannot make use of the warranty, or should be consulted with Technical support.



## APPLICATIONS

	LOW BACK PRESSURE	APPLICATIONS:
<b>LBP</b>	Evaporating temperature lower than -20° C	refrigerators, frozen food cabinets, frozen food display cases, display windows, etc.
	MEDIUM BACK PRESSURE	APPLICATIONS:
<b>MBP</b>	Evaporating temperature between -20° C and 0° C	fresh food cabinets, drink coolers, ice makers, etc.
	MEDIUM / HIGH BACK PRESSURE	APPLICATIONS:
<b>M/HBP</b>	Evaporating temperature between -20° C and +10° C	coolers, merchandisers, etc.
	HIGH BACK PRESSURE	APPLICATIONS:
<b>HBP</b>	High evaporating temperatures between -15° C and +10° C	fresh food cabinets, bottle coolers, dehumidifiers, etc.

## TEST CONDITIONS

TEST CONDITIONS	APPLICATION	EVAPORATING TEMPERATURE °C	GAS RETURN TEMPERATURE °C	SUB-COOLING K	COMPRESSOR AMBIENT TEMPERATURE °C
<b>EN 13215</b>	LBP	-35	20	3K	32
	M and HBP	-10	20	3K	32
<b>ASHRAE</b>	LBP	-23.3	32	3K	32
	M and HBP	7.2	32	3K	32

## EXPANSION DEVICE

<b>C</b>	Capillary Tube.
<b>V</b>	Expansion Valve.



## MOTOR TORQUE

<b>LST</b>	(Low Starting Torque) Compressor with RSIR - RSCR - PSC electrical motor for systems with capillarity tube and with equalized pressures at start up.
<b>HST</b>	(High Starting Torque) Compressor with CSIR - CSR and 3ph. electrical motor for systems with capillarity equalized or not equalized pressures at start up.

## ELECTRICAL MOTOR TYPES

<b>RSIR</b>	<b>Resistance Start - Inductive Run</b> This motor type, used in the compressor of small power, has a low starting torque (LST) and must be applied only to capillarity 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 electromagnet relay is, for some models, a PTC solid state-starting device.
<b>RSCR</b>	<b>Resistance Start - Capacitive Run</b> Similar to RSIR motor version but uses a PTC solid state starting device and a permanent connected run capacitor to improve its efficiency.
<b>CSIR</b>	<b>Capacitive Start - Inductive Run</b> Similar to RSIR motor, with a different start winding in series with a start capacitor of suitable capacitance to get a high starting torque.
<b>CSR</b>	<b>Capacitive Start &amp; Run</b> 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.
<b>PSC</b>	<b>Permanent Split Capacitor:</b> 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 capillarity tubes systems or with a pressure equalizer.
<b>3Ø</b>	<b>Three Phase</b> Three-phase windings with star connections.

## ELECTRICAL COMPONENTS

TYPE OF MOTOR	Overload Protector (*)	STARTING DEVICE				CAPACITOR	
		Current Relay	Voltage Relay	PTC	TSD	Start	Run
RSIR	✓	✓	X	✓	X	X	X
RSCR	✓	X	X	✓	✓	X	✓
CSIR	✓	✓	X	X	X	✓	X
CSR	✓	X	✓	X	X	✓	✓
PSC	✓	X	X	X	X	X	✓
3-Phases	✓	X	X	X	X	X	X

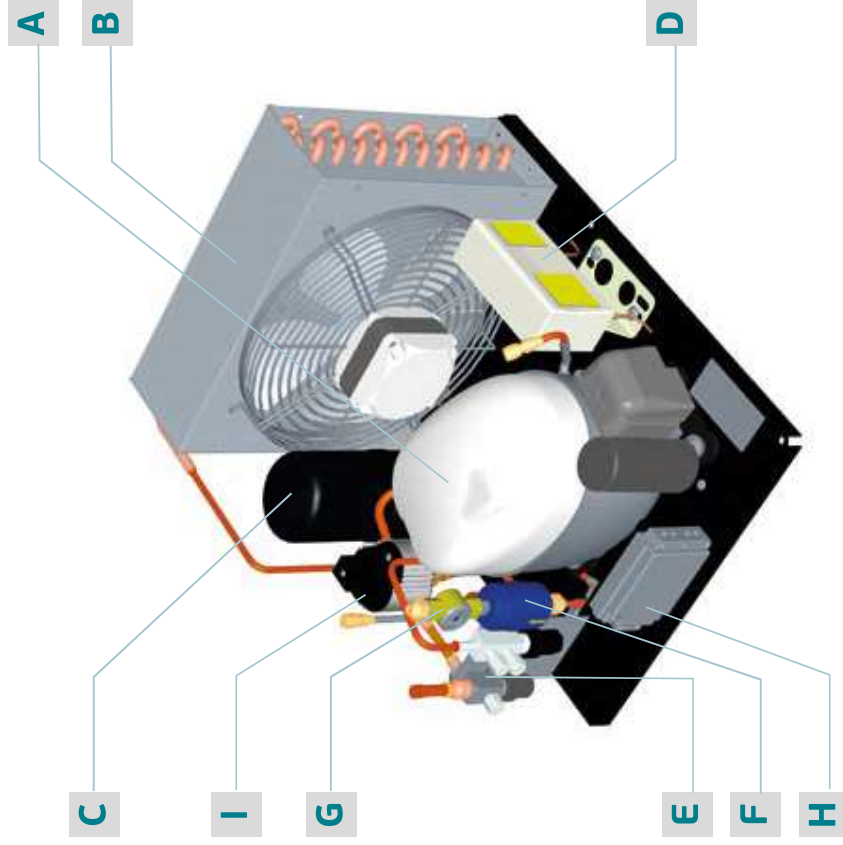
\* Optional

## VOLTAGE & FREQUENCY

Code	Voltage & Frequency	Voltage Working Range		Minimum Start Voltage
		50Hz	60Hz	
<b>A</b>	220 - 240V 50Hz 1 ~	198V - 254V		187V
<b>B</b>	200 - 230V 50Hz / 208 - 230V 60Hz 1 ~	180V - 244V	187V - 244V	170V
<b>C</b>	220V 50Hz 1 ~	200V - 242V		187V
<b>D</b>	208 - 230V 60Hz 1 ~		187V - 244V	177V
<b>E</b>	115 - 127V 60Hz 1 ~		103V - 134V	98V
<b>F</b>	100V 50 Hz / 100 - 127V 60Hz 1 ~	90V - 110V	90V - 134V	85V
<b>G</b>	115V 60Hz 1 ~		103V - 127V	98V
<b>J</b>	230V 60Hz 1 ~		207V - 253V	195V
<b>K</b>	200 - 220 V 50 Hz / 230 V 60 Hz 1 ~	180V - 234V	207V - 253V	170V
<b>M</b>	380 - 420V 50Hz / 440 - 480V 60 Hz 3 ~	332V - 445V		323V
<b>N</b>	200 - 240V 50Hz / 230V/60Hz 1 ~	180V - 254V	207V - 253V	170V
<b>P</b>	380V 60Hz 3 ~		342V - 418V	323V
<b>Q</b>	100V 50 / 60 Hz 1 ~	90V - 110V	90V - 110V	85V
<b>R</b>	200V 50 / 60Hz 3 ~	180V - 220V	180V - 220V	170V
<b>V</b>	230V 50Hz 1 ~	207V - 253V		195V
<b>X</b>	220 - 240V 50 / 60 Hz 1 ~	150V (160V*) - 240V		150V (160V*)
<b>Z</b>	200 - 230V 60Hz 1 ~		180V - 244V	170V

\* Depending on compressor family, for details contact Technical Support.

## ACCESSORIES & EXECUTION NAKED UNIT



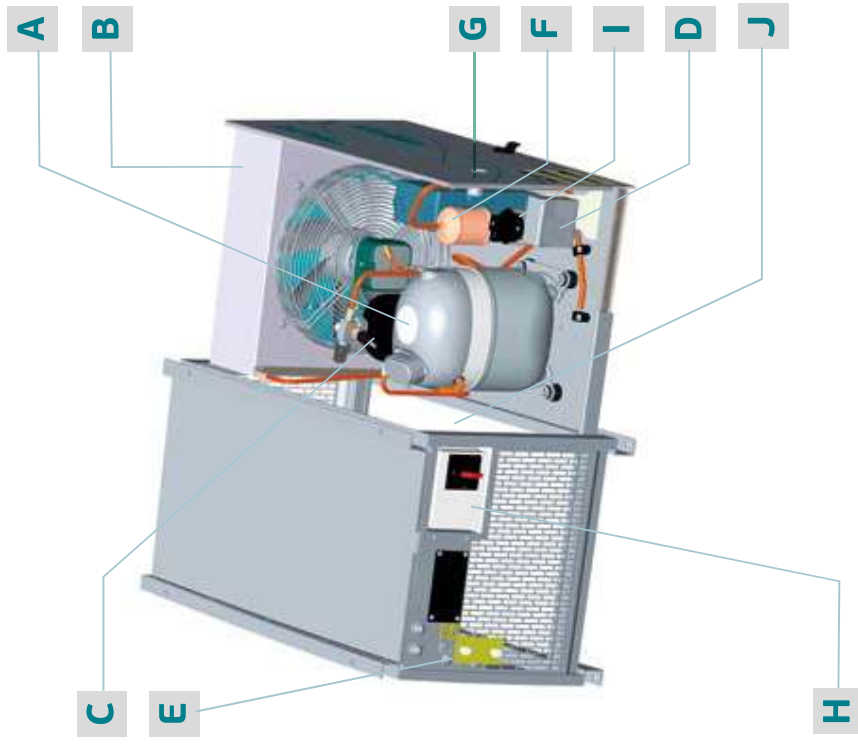
### MAIN PARTS

A - Compressor / B - Condenser & Fan Mmotor

### OPTIONAL PARTS

C - Receiver / D - Pressure switch / E - Valves / F - Filter drier / G - Sight glass / H - Electrical box / I - Fan speed control

## ACCESSORIES & EXECUTION SLIDING UNIT



### MAIN PARTS

A - Compressor / B - Condenser & Fan Motor

### OPTIONAL PARTS

C - Receiver / D - Pressure switch / E - Valves / F - Filter drier / G - Sight glass / H - Electrical box / I - Fan speed control / J - Connect line to the top of unit

## CONDENSING UNIT EXECUTIONS



w/o receiver - w/o valves



receiver - schrader valve - valves (flare or solder)



w/o receiver - schrader valve



receiver - schrader valve - valves (flare or solder) - pressure switch



w/o receiver - schrader valve - valves (flare or solder)



receiver - schrader valve - valves (flare or solder) - pressure switch - liquid line

## PACKAGING

CDU	QUANTITY PER PALLET
UEM	24
UNE	from 12 to 24
UNT	from 8 to 21
UNJ	from 4 to 12
UGN	4
SLIDING UNITS	1

## IDENTIFICATION LABEL

UEM/UNE/UNT/UNJ/UGN/SLIDING UNITS



- 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.



GENERAL DATA &  
PERFORMANCE



## R134a • LBP • 50Hz

SERIES	MODEL	VOLTAGE & FREQUENCY CODE	MOTOR TYPE	DISPL. cm <sup>3</sup>	LRA A	HP	PERFORMANCE DATA ASHRAE												PERFORMANCE DATA EN13215												RECEIVER VOLUME liter	VALVE CONNECTION EXT. DIAMETER		FAN				WEIGHT (REF. ONLY) kg	OVERALL DIMENSIONS			CONDENSER		MODEL
							RATED POINT -23.3 °C						EVAPORATING TEMPERATURE °C						SUCTION inch	LIQUID inch	EXTERNAL DIAMETER mm	No. / ANGLE OF BLADES	No. OF FANS	AIR FLOW RATE m <sup>3</sup> /h	A mm	B mm	C mm	EXT. VIEW REF.	No. OF ROWS	No. OF TUBES														
							COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY I/P/W	COOLING W	POWER INPUT W	EFFICIENCY I/P/W	RATED POINT -35 °C																														
														-30	-25	-20	-15	-10														-5	W	W	W	W	W		W					
UEMT	UEMT49HLP	A	RSR	5.57	5.2	1/5	150	115	1.02	1.30	93	110	0.85	115	142	183	228	283	341	-	3/8	1/4	200	5/28"	1	360	430	306	226	DW601	2	8	UEMT49HLP											
	UNE2121Z	A	CSR	9.27	12.6	1/3	308	269	2.00	1.14	123	162	0.76	188	263	349	451	566	692	0.6	3/8	1/4	200	5/28"	1	300	430	306	226	DW605	3	8	UNE2121Z											
	UNE2130Z	A	CSR	12.12	13.2	1/3	322	279	2.15	1.15	188	201	0.94	231	289	361	448	549	664	1.1	3/8	1/4	230	5/28"	1	300	435	308	254	DW606	3	9	UNE2130Z											
	UNE2134Z	A	CSR	14.30	17.0	1/2	387	285	2.25	1.36	205	216	0.95	242	304	392	490	609	733	1.1	3/8	1/4	254	5/28"	1	595	465	340	296	DW608	3	11	UNE2134Z											
	UNEK1116Z	A	RSR	7.40	5.3	1/4	203	182	1.07	1.12	90	119	0.76	112	151	201	260	331	406	-	3/8	1/4	200	5/28"	1	360	430	306	226	DW605	2	8	UNEK1116Z											
UNE	UNEK1118Z	A	RSR	8.40	6.9	1/3	244	186	1.19	1.32	101	133	0.76	141	188	251	330	420	522	-	3/8	1/4	200	5/28"	1	360	430	306	226	DW605	2	8	UNEK1118Z											
	UNEK2116Z	A	CSR	7.40	10.0	1/4	197	191	1.27	1.03	104	125	0.77	124	155	200	265	341	439	-	3/8	1/4	200	5/28"	1	360	430	306	226	DW605	2	8	UNEK2116Z											
	UNEK2140Z	A	CSR	16.80	19.0	1/2+	400	300	2.50	1.40	216	262	0.82	298	388	505	640	785	944	1.1	3/8	1/4	254	5/28"	1	595	465	340	296	DW608	3	11	UNEK2140Z											

Note:  
 Extension device C/V  
 Extension device C: UEMT49HLP, UNEK1116Z, UNEK1118Z, UNEK2116Z  
 UD - Under Development  
 High efficiency versions of UNEK models (UNEU) available on demand

# R134a • HBP • 50HZ

PERFORMANCE DATA ASHRAE

PERFORMANCE DATA EN13215

SERIES	MODEL	VOLTAGE FREQUENCY CODE	MOTOR TYPE	DISPL. cm <sup>3</sup>	LRA A	HP	PERFORMANCE DATA ASHRAE										PERFORMANCE DATA EN13215										RECEIVER				VALVE COMP. EXT. DIAMETER				FAN				WEIGHT (REFERENCE ONLY) kg	OVERALL DIMENSIONS				CONDENSER		MODEL
							RATED POINT 7.2 °C					RATED POINT -10 °C					RECEIVER VOLUME liter	SUCTION INCH	LIQUID INCH	INTERNAL DIAMETER mm	NO. / ANGLE OF BLADES	AIR FLOW RATE m <sup>3</sup> /h	A mm	B mm	C mm	EXT. VIEW NETS	NO. OF RODS OR TUBES	NO. OF VIEW RODS OR TUBES																		
							COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY W/W	-1E W	COOLING W	POWER INPUT W	EFFICIENCY W/W	-5 W	0 W													5 W	10 W																
UEMT	UEMT37HDP	A	RSIR	3,40	5,4	1/8	UD	UD	UD	1,57	251	310	362	429	-	3/8	1/4	200	5/28P	1	300	13,5	430	308	226	DW602	3	8	UEMT37HDP																	
	UEMT45HDR	A	CSIR	3,97	8,8	1/7	447	186	230	142	1,62	277	336	399	474	-	3/8	1/4	200	5/28P	1	300	13,8	430	308	226	DW602	3	8	UEMT45HDR																
	UEMT50HDP	A	RSIR	4,50	9,1	1/6	UD	UD	1,72	324	390	463	556	0,6	3/8	1/4	200	5/28P	1	300	13,8	430	308	226	DW602	3	8	UEMT50HDP																		
	UEMT6144Z	A	CSIR	5,20	8,5	1/5	573	235	1,48	2,44	221	280	176	1,59	349	431	523	625	0,6	3/8	1/4	200	5/28P	1	300	15,2	430	308	226	DW602	3	8	UEMT6144Z													
	UEMT6160Z	A	CSIR	6,76	9,8	1/4	758	314	1,87	2,41	297	373	228	1,64	465	550	630	750	1,1	3/8	1/4	230	5/28P	1	420	15,5	435	308	254	DW603	3	9	UEMT6160Z													
	UEMT6170Z	A	CSIR	7,69	10,4	1/3	757	381	2,24	1,99	352	432	261	1,66	520	617	722	836	1,1	3/8	1/4	230	5/28P	1	420	15,5	435	308	254	DW603	3	9	UEMT6170Z													
	UNEK6160Z	A	CSIR	7,28	11,5	1/4	753	306	2,10	2,46	295	371	237	1,57	457	553	660	777	1,1	3/8	1/4	230	5/31P	1	420	18,9	435	305	254	DW605	3	9	UNEK6160Z													
	UNEK6170Z	A	CSIR	8,40	12,4	1/4	836	348	2,25	2,40	336	419	259	1,62	514	619	735	862	1,1	3/8	1/4	230	5/31P	1	420	19,3	435	305	254	DW605	3	9	UNEK6170Z													
	UNEK6187Z	A	CSIR	10,00	16,1	1/3	998	418	2,86	2,29	359	457	308	1,48	574	711	870	1043	1,1	3/8	1/4	254	5/28P	1	320	21,0	465	340	296	DW608	3	11	UNEK6187Z													
	UNEK6210Z	A	CSIR	12,12	19,5	1/3+	1228	497	2,90	2,47	466	581	391	1,49	704	835	976	1123	1,1	3/8	1/4	254	5/28P	1	595	21,7	465	340	296	DW608	3	11	UNEK6210Z													
UNE	UNEK6212Z	A	CSIR	14,30	19,5	1/2+	1448	730	3,95	1,98	539	664	446	1,49	807	969	1149	1348	1,1	3/8	1/4	254	5/28P	1	595	21,5	465	340	296	DW606	3	11	UNEK6212Z													
	UNEK6212Z	B	CSR	14,30	22,5	1/2+	1456	698	3,86	2,09	517	637	426	1,50	795	1001	1205	1421	1,0	3/8	1/4	254	5/28P	1	660	21,7	465	340	296	DW608	3	11	UNEK6212Z													
	UNEK6214Z	A	CSIR	16,80	25,5	1/2+	1492	753	5,17	1,98	619	762	530	1,44	923	1100	1294	1505	1,0	3/8	1/4	254	5/28P	1	595	21,7	465	340	296	DW606	3	11	UNEK6214Z													
	UNEK6210Z	A	CSIR	12,12	19,5	1/3+	1253	554	3,49	2,26	509	639	394	1,62	782	937	1105	1285	1,1	3/8	1/4	254	5/28P	1	595	21,7	465	340	296	DW608	3	11	UNEK6210Z													
	UNTE6215Z	N	CSR	17,40	21,0	1/2+	1483	593	5,52	2,50	662	860	508	1,69	1056	1272	1507	1761	1,2	3/8	1/4	254	5/28P	1	740	28,2	465	340	296	DW614	3	11	UNTE6215Z													
UNT	UNTE6217Z	A	CSR	20,40	25,0	3/4	1781	745	5,65	2,39	773	953	615	1,55	1171	1426	1718	2048	2,3	1/2	3/8	275	5/31P	1	640	30,0	470	395	324	DW615	3	12	UNTE6217Z													
	UNTE6220Z	N	CSR	22,40	29,0	3/4	1970	960	5,99	2,05	910	1148	637	1,80	1413	1704	2020	2364	2,3	1/2	3/8	275	5/31P	1	640	33,5	470	395	324	DW619	3	12	UNTE6220Z													
	UNTE6224Z	A	CSR	27,80	UD	UD	UD	UD	UD	UD	1247	1485	780	1,87	1834	2213	2588	3095	2,3	1/2	3/8	275	5/31P	1	640	UD	UD	UD	UD	UD	3	12	UNTE6224Z													
	UNJ6220Z	A	CSR	26,10	35,0	4/5	2338	1080	6,79	2,16	989	1254	765	1,64	1547	1868	2216	2592	2,3	1/2	3/8	275	5/31P	1	640	36,9	481	409	324	DW627	3	12	UNJ6220Z													
	UNJ6230ZX	M	3 PH	26,10	10,0	4/5	2285	1004	2,28	2,28	1015	1259	734	1,74	1534	1838	2210	2538	2,3	1/2	3/8	275	5/31P	1	640	35,4	481	409	324	DW628	3	12	UNJ6230ZX													
UNJ	UNJ6242Z	A	CSR	34,40	31,0	1+	3006	1355	6,75	2,22	1217	1531	987	1,55	1896	2312	2759	3244	2,3	5/8	3/8	275	5/31P	1	640	37,5	481	409	324	DW627	3	12	UNJ6242Z													
	UNJ6252ZX	M	3 PH	34,40	13,0	1	2796	1283	2,40	2,16	1217	1531	905	1,69	1896	2312	2759	3244	2,3	5/8	3/8	275	5/31P	1	640	36,5	481	409	324	DW628	3	12	UNJ6252ZX													

Note:  
Expansion device CVJ  
Expansion device C: UEMT37HDP, UEMT50HDP  
UD - Under Development  
High efficiency versions of UNEK models (UNEJ) available on demand

# R404A / R507 / R452A - LBP • 50HZ

SERIES	MODEL	VOLTAGE FREQUENCY CODE	MOTOR TYPE	DISPL: cm <sup>3</sup>	LRA A	HP	PERFORMANCE DATA EN13215										PERFORMANCE DATA ASHRAE				PERFORMANCE DATA EN13215				OVERALL DIMENSIONS				CONDENSER		MODEL												
							EVAPORATING TEMPERATURE - °C										RATED POINT -35°C				RATED POINT -23.3°C				RATED POINT -35°C				VALVE CONNECTION EXTERNAL DIAMETER	FAN		WEIGHT (REFERENCE ONLY) kg	A mm	B mm	C mm	EXT. VIEW MET.	NO. OF ROWS	NO. OF TUBES					
							COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY W/W	-40 W	COOLING W	POWER INPUT W	EFFICIENCY W/W	-30 W	COOLING W	POWER INPUT W	EFFICIENCY W/W	-25 W	COOLING W	POWER INPUT W	EFFICIENCY W/W	-20 W	COOLING W	POWER INPUT W	EFFICIENCY W/W	-15 W	COOLING W		POWER INPUT W									EFFICIENCY W/W	-10 W	COOLING W	POWER INPUT W	EFFICIENCY W/W
UEMT	UEMT21170K	A	CSR	4,50	7,7	1/4	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	0,6	3/8	1/4	200	5/28"	1	300	17,1	430	308	226	DWG52	3	8	UEMT21170K
	UEMT21210K	A	CSR	5,20	8,5	1/4+	327	222	1,46	1,47	308	183	1,75	1,05	229	286	354	431	519	0,6	3/8	1/4	200	5/28"	1	300	18,2	3/8	1/4	200	5/28"	1	300	18,2	430	308	226	DWG52	3	8	UEMT21210K		
	UEMT21260K	A	CSR	5,96	9,8	1/2-	362	265	1,72	1,37	156	203	2,13	0,95	257	317	384	458	538	1,1	3/8	1/4	230	5/31"	1	420	15,4	3/8	1/4	230	5/31"	1	420	15,4	435 / 171,3	308 / 121,3	254 / 100,0	DWG03	3	9	UEMT21260K		
	UEMT21300K	A	CSR	6,76	12,4	1/2	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	1,1	3/8	1/4	230	5/31"	1	420	15,4	435 / 171,3	308 / 121,3	254 / 100,0	DWG03	3	9	UEMT21300K
	UNEK21260K	A	CSR	6,20	12,4	1/2	410	342	2,48	1,20	143	185	205	0,90	236	296	354	441	527	1,1	3/8	1/4	230	5/31"	1	420	17,4	3/8	1/4	230	5/31"	1	420	17,4	435 / 171,3	306 / 120,5	254 / 100,0	DWG05	3	9	UNEK21260K		
	UNEK21340K	A	CSR	8,78	16,1	1/2+	490	342	2,77	1,43	180	216	229	0,94	315	401	476	576	687	1,1	3/8	1/4	254	5/28"	1	595	20,0	3/8	1/4	254	5/28"	1	595	20,0	465 / 183,1	340 / 13,9	296 / 11,65	DWG06	3	11	UNEK21340K		
UNE	UNEK21800K	A	CSR	12,42	19,5	3/4	639	530	3,52	1,21	270	322	340	0,95	392	481	589	725	880	1,1	3/8	1/4	254	5/28"	1	595	21,6	3/8	1/4	254	5/28"	1	595	21,6	465 / 183,1	340 / 13,9	296 / 11,65	DWG08	3	11	UNEK21800K		
	UNEK21860K	A	CSR	14,30	19,5	1+	725	617	3,92	1,19	261	367	384	0,95	484	643	825	994	1153	1,1	3/8	1/4	254	5/28"	1	460	23,8	3/8	1/4	254	5/28"	1	460	23,8	491 / 193,3	340 / 13,9	296 / 11,65	DWG08	4	11	UNEK21860K		
	UNEK21860K	A	CSR	14,30	22,0	1+	UD	UD	UD	UD	332	430	460	0,93	547	683	838	1011	1203	1,1	3/8	1/4	254	5/28"	1	460	26,8	3/8	1/4	254	5/28"	1	460	26,8	465 / 183,1	340 / 13,9	296 / 11,65	DWG06	4	11	UNEK21860K		
	UNEK21860K	N	CSR	14,50	25,5	1+	832	655	2,92	1,27	264	367	375	0,98	492	645	810	1013	1246	1,1	3/8	1/4	254	5/28"	1	460	26,8	3/8	1/4	254	5/28"	1	460	26,8	476 / 187,4	340 / 13,9	296 / 11,65	DWG08	4	11	UNT21860K		
	UNT21860K	A	CSR	17,40	25,0	1 1/4-	891	655	4,19	1,36	334	463	458	0,99	587	735	897	1073	1263	1,2	3/8	1/4	254	5/28"	1	460	27,5	3/8	1/4	254	5/28"	1	460	27,5	476 / 187,4	340 / 13,9	296 / 11,65	DWG17	4	11	UNT21860K		
	UNT21900K	A	CSR	20,40	34,5	1 1/4	973	701	4,20	1,39	403	513	535	0,96	653	831	1012	1232	1471	1,2	3/8	1/4	254	5/28"	1	460	28,6	3/8	1/4	254	5/28"	1	460	28,6	476 / 187,4	340 / 13,9	296 / 11,65	DWG17	4	11	UNT21900K		
UNT	UNT21926K**	A	CSR	22,40	34,5	1 1/2	1113	842	5,50	1,32	394	523	581	0,90	691	896	1142	1443	1787	2,3	3/8	1/4	275	5/31"	1	800	36,2	3/8	1/4	275	5/31"	1	800	36,2	470 / 185,0	395 / 15,55	324 / 12,76	DWG15	3	12	UNT21926K		
	UNT22100K	A	CSR	25,20	33,0	1 3/4-	1258	998	5,20	1,26	524	711	743	0,96	905	1105	1311	1524	1744	2,3	1/2	3/8	275	5/31"	1	800	34,6	1/2	3/8	275	5/31"	1	800	34,6	470 / 185,0	395 / 15,55	324 / 12,76	DWG15	3	12	UNT22100K		
	UNT22126K**	A	CSR	27,80	33,0	2-	1443	991	5,25	1,46	636	823	767	1,07	1032	1263	1516	1791	2089	2,3	1/2	3/8	275	5/31"	1	800	34,6	1/2	3/8	275	5/31"	1	800	34,6	470 / 185,0	395 / 15,55	324 / 12,76	DWG15	3	12	UNT22126K		
	UNJ21926K	A	CSR	26,10	26,0	1 1/2	1198	942	4,75	1,27	510	689	734	0,94	888	1107	1345	1604	1882	2,3	1/2	3/8	275	5/31"	1	800	37,8	1/2	3/8	275	5/31"	1	800	37,8	481 / 189,4	409 / 16,10	324 / 12,76	DWG27	3	12	UNJ21926K		
	UNJ21926S	M	3 PH	26,10	13,5	1 1/4+	1081	900	2,28	1,20	359	495	533	0,93	657	846	1063	1370	1605	2,3	1/2	3/8	275	5/31"	1	800	36,2	1/2	3/8	275	5/31"	1	800	36,2	481 / 189,4	409 / 16,10	324 / 12,76	DWG28	3	12	UNJ21926S		
	UNJ22126K	A	CSR	34,40	36,0	2	1599	1175	6,05	1,36	488	717	745	0,96	962	1251	1574	1950	2366	2,3	5/8	3/8	275	5/31"	1	800	39,0	5/8	3/8	275	5/31"	1	800	39,0	481 / 189,4	409 / 16,10	324 / 12,76	DWG27	3	12	UNJ22126K		
UNJ22126S	M	3 PH	34,40	20,6	2+	1599	1479	2,38	1,08	654	902	770	1,17	1151	1402	1654	1909	2165	2,3	5/8	3/8	275	5/31"	1	800	36,2	5/8	3/8	275	5/31"	1	800	36,2	481 / 189,4	409 / 16,10	324 / 12,76	DWG28	3	12	UNJ22126S			
UNT21926K**	CSR	34,5	842	5,5	394	523	581	0,90	691	896	1142	1443	1787	2165	2,3	3/8	1/4	275	5/31"	1	800	36,2	3/8	1/4	275	5/31"	1	800	36,2	470 / 185,0	395 / 15,55	324 / 12,76	1395401	3	12	UNT21926K**							
	CSR	22,4	1113	842	5,5	394	523	581	0,90	691	896	1142	1443	1787	2,3	3/8	1/4	275	5/31"	1	800	36,2	3/8	1/4	275	5/31"	1	800	36,2	476 / 187,4	400 / 15,75	324 / 12,76	1395413	3	12	UNT21926K**							

Note:  
Expansion device CV  
UD - Under Development  
\*\* Available also in CSR execution and assembly group DWG17  
High efficiency versions of UNEK models (UNEK) available on demand



# R404A / R507 / R452A - M/HBP • 50HZ

## PERFORMANCE DATA ASHRAE

## PERFORMANCE DATA EN13215

SERIES	MODEL	VOLTAGE & FREQUENCY CODE	MOTOR TYPE	DISPL. cm <sup>3</sup>	LRA A	HP	EVAPORATING TEMPERATURE °C										RECOVER VOLUME			VALUE CONNECTION EXTERNAL CONDENSER			FAN				OVERALL DIMENSIONS				CONDENSER		MODEL
							RATED POINT 7.2°C										RECOVER VOLUME liter	SUCTION inch	LIQUID inch	EXTERNAL DIAMETER mm	NO. / ANGLE OF BLADES	AIR FLOW RATE m <sup>3</sup> /h	WEIGHT (REFERENCE ONLY) kg	A mm	B mm	C mm	EXT. VIEW REF.	NO. OF ROWS	NO. OF TUBES				
							COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY W/W	-20 W	-15 W	COOLING W	POWER INPUT W	RATED POINT -10 °C															-5 W	0 W	5 W	
															EFFICIENCY W/W	EFFICIENCY W/W																	
UEMT	UEMT61446K	A	CSR	3197	7.7	1/5	649	296	1.68	2.19	222	1.73	452	519	599	680	0.6	3/8	1/4	200	5/28*	1	300	17.1	430	308	225	DWG02	3	8	UEMT61446K		
	UEMT61526K	A	CSR	4150	8.5	1/4	676	581	1.84	1.16	326	1.76	470	549	631	716	0.6	3/8	1/4	200	5/28*	1	300	13.3	430	308	225	DWG02	3	8	UEMT61526K		
	UEMT61656K	A	CSR	5120	10.4	1/4	858	407	2.32	2.11	395	1.79	583	697	799	908	1.1	3/8	1/4	200	5/28*	1	420	16.5	435	308	254	DWG03	3	9	UEMT61656K		
	UNEK61656K	A	CSR	6120	12.4	1/3	UD	UD	UD	UD	350	1.57	628	754	923	1065	1.1	3/8	1/4	200	5/28*	1	420	16.5	435	308	254	DWG05	3	9	UNEK61656K		
	UNEK61816K	A	CSR	7128	12.0	1/2	1252	620	2.70	2.02	368	1.48	715	860	1020	1130	1.1	3/8	1/4	254	5/28*	1	595	21.0	467	339	295	DWG08	3	11	UNEK61816K		
UNE	UNEK62106K	A	CSR	8178	16.1	1/2	1302	628	3.91	2.07	501	1.49	859	995	1140	1294	1.1	3/8	1/4	254	5/28*	1	595	21.4	467	339	295	DWG08	3	11	UNEK62106K		
	UNEK62136K	A	CSR	1212	19.3	1/2	1531	1074	5.97	1.43	653	1.52	1130	1292	1480	1730	1.1	3/8	1/4	254	5/28*	1	595	22.5	467	339	295	DWG06	3	11	UNEK62136K		
	UNEK62136K	A	CSR	1212	14.1	1/2	1502	843	3.92	1.78	UD	UD	UD	UD	UD	UD	1.1	3/8	1/4	254	5/28*	1	595	22.6	467	339	295	DWG06	3	11	UNEK62136K		
	UNEK62176K	A	CSR	14130	21.5	3/4	1946	799	4.10	2.44	827	1.64	1412	1630	1859	2100	2.3	1/2	3/8	275	5/31*	1	640	28.5	470	395	324	DWG09	3	12	UNEK62176K		
	UNEK62106K	A	CSR	7128	16.0	UD	UD	UD	UD	UD	469	1.52	798	933	1082	1244	1.1	3/8	1/4	254	5/28*	1	595	21.4	465	340	295	UD	3	11	UNEK62106K		
UNT	UNT62176K	A	CSR	12155	23.0	3/4	1912	882	5.30	2.17	697	1.69	1268	1487	1720	1968	2.3	1/2	3/8	275	5/31*	1	640	31.8	470	395	324	DWG09	3	12	UNT62176K		
	UNT62206K **	N	CSR	14150	29.5	3/4	2124	1095	5.15	1.94	830	1.77	1495	1733	1975	2223	2.3	1/2	3/8	275	5/31*	1	640	35.1	470	395	324	DWG15	3	12	UNT62206K		
	UNT62226K **	A	CSR	17140	30.0	1	2389	1225	6.25	1.95	989	1.69	1729	2006	2297	2603	2.3	1/2	3/8	275	5/31*	1	640	31.3	470	395	324	DWG15	3	12	UNT62226K		
	UNT62246K	A	CSR	20140	29.0	1	UD	UD	UD	UD	1022	1.73	2009	2444	2950	3428	2.3	1/2	3/8	275	5/31*	1	640	31.3	470	395	324	DWG15	3	12	UNT62246K		
	UNT62266K **	A	CSR	22140	30.0	1+	3016	1500	7.27	2.01	1091	1.59	2048	2414	2808	3210	2.3	1/2	3/8	300	5/28*	1	700	36.4	485	405	372	DWG16	3	14	UNT62266K		
UNJ	UNJ92226K	V	CSR	21170	27.5	1+	3141	1403	6.70	2.24	1047	1.64	2071	2473	2909	3360	2.3	5/8	3/8	300	5/28*	1	700	39.2	512	410	372	DWG09	3	14	UNJ92226K		
	UNJ92266K	M	3 PH	21170	10.0	1	2720	1300	2.78	2.09	883	1.41	1580	1831	2091	2360	2.3	5/8	3/8	300	5/28*	1	700	36.9	512	410	372	DWG08	3	14	UNJ92266K		
	UNJ92326K	A	CSR	26110	43.0	1 1/4	3474	1728	8.12	2.01	1340	1.92	2357	2742	3149	3579	3.9	5/8	1/2	300	***	1	1450	46.1	600	440	372	DWG30	3	14	UNJ92326K		
	UNJ92326K	M	3 PH	26110	13.0	1 1/4	3365	1685	3.35	2.00	1265	1.60	2276	2751	3124	3523	3.9	5/8	1/2	300	***	1	1450	43.8	600	440	372	DWG31	3	14	UNJ92326K		
	UNJ92326K	V	CSR	32170	43.0	1 1/2+	4104	2221	10.01	1.85	1776	1.56	3099	3509	3903	4282	3.9	5/8	1/2	300	***	1	1300	46.8	600	440	372	DWG30	4	14	UNJ92326K		
UNJ92326K	M	3 PH	32170	22.0	1 1/2+	4419	2332	4.49	1.89	1889	2.24	3662	3549	4084	4667	3.9	5/8	1/2	300	***	1	1300	42.0	600	440	372	DWG31	4	14	UNJ92326K			

Note:  
 \* Comparison device C.V.  
 \*\* Under test in CSR execution and assembly group DWG17 (1955413)  
 UD - Under Development

High efficiency versions of UNEK models (UNEU) available on demand

### R290 • LBP • 50HZ

PERFORMANCE DATA ASHRAE

SERIES	MODEL	VOLTAGE & FREQUENCY CODE	MOTOR TYPE	DISPL. cm <sup>3</sup>	LRA A	HP	PERFORMANCE DATA EN13215												OVERALL DIMENSIONS				CONDENSER		MODEL									
							EVAPORATING TEMPERATURE - °C												VALVE CONNECTION EXTERNAL DIAMETER				WEIGHT (REFERENCE ONLY)			NO. OF ROWS	NO. OF TUBES							
							RATED POINT 23.3 °C				RATED POINT -15 °C				RATED POINT -35 °C				SUCTION	LIQUID	EXTERNAL DIAMETER	FAN	AIR FLOW RATE	W				kg						
							COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY W/W	COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY W/W	COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY W/W								RECEIVER VOLUME liter	INCH		INCH	mm	mm	mm	mm	mm
UEMT	UEMT2121U	A	CSIR	5,57	7,7	1/3	292	195	1,32	1,50	125	160	169	0,95	203	249	302	365	423	0,6	3/8	1/4	200	5/28"	1	420	16,6	430	308	226	DWG02	3	8	UEMT2121U
	UEMT2125U	A	CSIR	5,95	9,1	1/3+	318	205	1,59	1,55	136	173	182	0,95	232	281	343	420	486	1,1	3/8	1/4	230	5/28"	1	420	15,4	435	308	254	DWG03	3	9	UEMT2125U
	UNEK2121U	A	CSIR	6,20	12,4	1/3	291	225	1,83	1,29	111	143	153	0,93	186	243	306	384	505	0,6	3/8	1/4	200	5/28"	1	420	16,6	435	306	254	DWG05	3	8	UNEK2121U
UNE	UNEK2125U	A	CSIR	7,28	12,4	1/2-	363	250	1,88	1,45	177	203	225	0,99	247	306	378	456	658	0,6	3/8	1/4	230	5/31"	1	420	16,6	435	306	254	DWG05	3	9	UNEK2125U
	UNEK2134U	A	CSIR	10,00	13,1	1/2+	504	324	2,08	1,56	228	288	285	1,01	340	425	526	643	782	1,1	3/8	1/4	254	5/28"	1	595	18,6	465	340	296	DWG06	3	11	UNEK2134U
	UNEK2150U	A	CSIR	13,54	19,5	1/2+	648	417	3,23	1,55	256	332	343	0,97	426	543	680	832	1008	1,1	3/8	1/4	254	5/28"	1	595	21,6	465	340	296	DWG06	3	11	UNEK2150U
UNT	UNEK2160U	A	CSR	16,80	18,0	3/4	785	507	2,78	1,55	312	405	383	1,06	508	642	793	971	1165	1,1	3/8	1/4	254	5/28"	1	595	21,6	465	340	296	DWG06	3	11	UNEK2160U
	UNEK2195U	A	CSR	13,54	17,1	3/4	674	440	2,80	1,53	290	370	320	1,16	465	570	708	850	1025	1,1	3/8	1/4	254	5/28"	1	595	20,9	465	340	296	DWG13	3	11	UNEK2195U
	UNEK2168U	A	CSR	16,80	21,0	3/4	832	585	3,45	1,50	372	471	485	1,16	585	714	856	1014	1186	1,1	3/8	1/4	254	5/28"	1	595	24,5	494	340	296	DWG12	4	11	UNEK2168U
UNT	UNT2170U	A	CSR	20,40	25,0	3/4	949	574	3,12	1,65	415	536	465	1,15	670	816	974	1146	1329	1,15	3/8	1/4	254	5/28"	1	595	26,8	474	348	296	DWG17	4	11	UNT2170U
	UNT2180U	A	CSR	22,40	35,0	1	1030	695	4,90	1,48	436	564	555	1,12	705	859	1027	1209	1404	1,15	3/8	1/4	254	5/28"	1	595	28,6	474	348	296	DWG17	4	11	UNT2180U
	UNT2210U	A	CSR	27,80	33,0	1 1/4	1311	830	4,75	1,58	552	720	687	1,05	877	1103	1370	1632	1964	2,3	3/8	1/4	275	5/31"	1	800	16,8	470	395	324	DWG15	3	12	UNT2210U

Notes:  
Expansion device CV  
Fan is according EN60335-2-89 and EN 60079-15

### R290 • MBP • 50HZ

PERFORMANCE DATA EN13215

SERIES	MODEL	VOLTAGE & FREQUENCY CODE	MOTOR TYPE	DISPL. cm <sup>3</sup>	LRA A	HP	PERFORMANCE DATA EN13215												OVERALL DIMENSIONS				CONDENSER		MODEL									
							EVAPORATING TEMPERATURE - °C												VALVE CONNECTION EXTERNAL DIAMETER				WEIGHT (REFERENCE ONLY)			NO. OF ROWS	NO. OF TUBES							
							RATED POINT 7,2 °C				RATED POINT -10 °C				RATED POINT -15 °C				SUCTION	LIQUID	EXTERNAL DIAMETER	FAN	AIR FLOW RATE	W				kg						
							COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY W/W	COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY W/W	COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY W/W								RECEIVER VOLUME liter	INCH		INCH	mm	mm	mm	mm	mm
UEMT	UEMT6144U	A	CSIR	4,50	7,7	1/4	644	299	1,51	2,15	277	336	400	1,88	2,13	470	540	623	707	0,6	3/8	1/4	200	5/28"	1	300	17,1	430	308	226	DWG02	3	8	UEMT6144U
	UEMT6152U	A	CSIR	5,20	8,5	1/4	688	336	1,73	2,05	324	391	464	2,08	2,23	513	619	727	855	1,1	3/8	1/4	200	5/28"	1	300	17,1	430	308	226	DWG02	3	8	UEMT6152U
	UNEK6169U	A	CSIR	5,96	10,4	1/2-	790	375	1,95	2,11	345	414	490	2,51	1,95	575	668	770	880	1,1	3/8	1/4	200	5/28"	1	420	16,5	435	308	254	DWG03	3	9	UNEK6169U
UNE	UNEK6181U	A	CSIR	7,28	12,0	1/3	835	395	2,54	2,11	333	420	509	3,02	1,69	601	695	791	890	1,1	3/8	1/4	200	5/28"	1	300	23,8	467	339	296	DWG08	3	11	UNEK6181U
	UNEK6210U	A	CSIR	8,78	16,0	1/3	1120	471	3,08	2,38	465	559	664	3,77	1,76	782	911	1053	1208	1,1	3/8	1/4	254	5/28"	1	595	23,8	467	339	296	DWG08	3	11	UNEK6210U
	UNEK6213U	A	CSIR	12,12	19,3	1/3+	1328	732	4,60	1,81	475	592	741	512	1,45	869	1031	1212	1413	1,1	3/8	1/4	254	5/28"	1	595	23,9	467	339	296	DWG08	3	11	UNEK6213U
UNT	UNEK6210U	A	CSIR	8,78	20	1/2-	1202	459	3,33	2,62	420	553	686	3,73	1,84	817	948	1077	1205	1,1	3/8	1/4	254	5/28"	1	595	22,7	467	339	296	DWG08	3	11	UNEK6210U
	UNEK6217U	A	CSIR	14,30	21,0	1/2+	1862	786	4,20	2,50	801	959	1132	5,79	1,96	1321	1527	1748	1985	2,3	3/8	3/8	254	5/28"	1	595	23,9	467	339	296	DWG08	3	11	UNEK6217U
	UNEK6220U	A	CSIR	14,50	25,0	1/2+	1694	707	4,56	2,40	527	659	821	546	1,50	1016	1248	1521	1840	2,3	3/8	3/8	275	5/31"	1	640	33,3	470	395	324	DWG19	3	12	UNEK6220U
UNT	UNEK6220U	A	CSIR	17,40	29,0	2/3	2115	1000	5,30	2,12	786	965	1166	656	1,78	1388	1632	1898	2185	2,3	3/8	3/8	275	5/31"	1	640	30,8	470	395	324	DWG19	3	12	UNEK6220U
	UNEK6222U	A	CSIR	20,40	29,0	3/4	2294	1194	7,10	1,92	944	1195	1388	837	1,66	1643	1920	2219	2541	2,3	3/8	3/8	275	5/31"	1	640	31,0	470	395	324	DWG19	3	12	UNEK6222U
	UNEK6224U	A	CSR	22,40	26,0	1	2973	1030	4,90	2,89	1109	1354	1558	835	1,87	1863	2200	2590	3021	2,3	1/2	3/8	275	5/31"	1	640	33,2	470	395	324	DWG15	3	12	UNEK6224U
UNEK6230U	A	CSR	27,80	39,0	1 1/4	3368	1380	6,90	2,44	1403	1602	1855	1064	1,74	2163	2525	2942	3414	2,3	1/2	3/8	300	5/28"	1	700	35,7	485	405	372	DWG16	3	14	UNEK6230U	

Notes:  
Expansion device CV  
Fan is according EN60335-2-89 and EN 60079-15

High efficiency versions of UNEK models (UNEU) available on demand

## R134a - LBP • 60HZ

SERIES	MODEL	VOLTAGE & FREQUENCY CODE	MOTOR TYPE	DISPL. cm <sup>3</sup>	LRA A	HP	EVAPORATING TEMPERATURE °C							RECEIVER VOLUME liter	VALVE CONNECTION EXTERNAL DIAMETER		FAN			WEIGHT (REFERENCE ONLY) kg	OVERALL DIMENSIONS				CONDENSER		MODEL		
							RATED POINT 7.2 °C								SUCTION INCH	LIQUID INCH	EXTERNAL DIAMETER mm	NO. / ANGLE OF BLADES	AIR FLOW RATE m <sup>3</sup> /h		A mm	B mm	C mm	EXT. VIEW REF.	NO. OF ROWS	NO. OF TUBES			
							-15 W	-10 W	-5 W	0 W	COOLING W	POWER INPUT W	CURRENT A															EFFICIENCY W/W	1.0 W
UNE	UNE02140Z	G	CSR	16,80	40,0	1/2	816	1014	1236	1482	1877	940	9,8	2,00	2044	3/8	1/4	254/10,00	5/28"	1	660	17/37,5	467/18,29	339/13,35	296/11,65	DWG08	3	11	UNE02140Z

## R134a - HBP • 60HZ

SERIES	MODEL	VOLTAGE & FREQUENCY CODE	MOTOR TYPE	DISPL. cm <sup>3</sup>	LRA A	HP	EVAPORATING TEMPERATURE °C							RECEIVER VOLUME liter	VALVE CONNECTION EXTERNAL DIAMETER		FAN			WEIGHT (REFERENCE ONLY) kg	OVERALL DIMENSIONS				CONDENSER		MODEL			
							RATED POINT 7.2 °C								SUCTION INCH	LIQUID INCH	EXTERNAL DIAMETER mm	NO. / ANGLE OF BLADES	AIR FLOW RATE m <sup>3</sup> /h		A mm	B mm	C mm	EXT. VIEW REF.	NO. OF ROWS	NO. OF TUBES				
							-15 W	-10 W	-5 W	0 W	COOLING W	POWER INPUT W	CURRENT A															EFFICIENCY W/W	1.0 W	
UNE	UNE0107Z	D	CSR	12,12	17,3	1/3+	571	717	878	1051	1221	577	3,21	2,13	1429	3/8	1/4	254/10,00	5/28"	1	660	16,0/26,6	467/18,29	339/13,35	296/11,65	DWG08	3	11	UNE0107Z	
	UNE0109Z	G	CSR	12,12	29,0	1/3+	571	717	878	1051	1221	577	6,81	2,13	1429	3/8	1/4	254/10,00	5/28"	1	660	20,6/45,3	467/18,29	339/13,35	296/11,65	DWG08	3	11	UNE0109Z	
	UNE0160Z	G	CSR	7,28	13,5	1/4+	369	464	571	692	888	383	4,83	2,22	971	3/8	1/4	230/9,06	5/31"	1	480	15,9/37,3	435/17,13	306/12,05	254/10,00	DWG05	3	9	UNE0160Z	
	UNE0170Z	G	CSR	8,40	28,5	1/4	431	453	557	683	767	382	5,31	2,01	1121	3/8	1/4	230/9,06	5/31"	1	480	17,4/38,7	435/17,13	306/12,05	254/10,00	DWG05	3	9	UNE0170Z	
	UNE0210Z	G	CSR	12,12	37,0	1/3+	578	723	884	1061	1342	622	7,3	2,16	1460	3/8	1/4	254/10,00	5/28"	1	660	21,7/48,3	467/18,29	339/13,35	296/11,65	DWG08	3	11	UNE0210Z	
	UNE0212Z	G	CSR	14,30	40,0	1/2	UD	UD	UD	UD	1574	UD	UD	UD	UD	UD	UD	UD	UD	UD	1	660	20,0/44,0	467/18,29	339/13,35	296/11,65	DWG08	3	11	UNE0212Z
	UNE0213Z	B	CSR	14,30	22,5	1/2	UD	UD	UD	UD	1574	UD	UD	UD	UD	UD	UD	UD	UD	UD	1	660	23,0/51,2	467/18,29	339/13,35	296/11,65	DWG08	3	11	UNE0213Z
	UNE0214Z	D	CSR	16,80	30,0	1/2+	UD	UD	UD	UD	1769	UD	UD	UD	UD	UD	UD	UD	UD	UD	1	660	21,4/51,2	467/18,29	339/13,35	296/11,65	DWG08	3	11	UNE0214Z
	UNE0214Z	G	CSR	16,80	48,0	1/2+	UD	UD	UD	UD	1769	UD	UD	UD	UD	UD	UD	UD	UD	UD	1	660	22,3/49,1	467/18,29	339/13,35	296/11,65	DWG08	3	11	UNE0214Z
	UNE0107Z	G	CSR	10,00	39	1/2-	537	669	807	949	1165	532	6,40	2,19	1252	3/8	1/4	254/10,00	5/28"	1	660	20,0/44,1	467/18,29	339/13,35	296/11,65	DWG08	3	11	UNE0107Z	
	UNE0212Z	G	CSR	14,30	40	1/2	673	830	1009	1211	1543	788	9,14	1,96	1684	3/8	1/4	254/10,00	5/28"	1	660	20,6/45,3	467/18,29	339/13,35	296/11,65	DWG08	3	11	UNE0212Z	
	UNE0214Z	G	CSR	16,80	50	3/4-	812	932	1190	1404	1742	943	10,18	1,86	1883	3/8	1/4	254/10,00	5/28"	1	660	21,4/51,2	467/18,29	339/13,35	296/11,65	DWG08	3	11	UNE0214Z	
	UNE0214Z	D	CSR	16,80	30	3/4-	812	932	1190	1404	1742	925	5,50	1,88	1883	3/8	1/4	254/10,00	5/28"	1	660	22,3/49,1	467/18,29	339/13,35	296/11,65	DWG08	3	11	UNE0214Z	
	UNT6215Z	D	CSR	17,40	20,8	1/2+	842	1051	1284	1531	1793	847	5,23	2,12	2075	3/8	1/4	254/10,00	5/28"	1	660	27,2/60,0	465/18,31	340/13,29	296/11,65	DWG14	3	11	UNT6215Z	
	UNT6215Z	G	CSR	17,40	44,0	1/2+	852	1064	1293	1540	1805	776	8,69	2,33	2088	3/8	1/4	254/10,00	5/28"	1	660	27,2/60,0	465/18,31	340/13,29	296/11,65	DWG14	3	11	UNT6215Z	
	UNT6217Z	G	CSR	20,40	45,0	3/4	988	1239	1505	1822	2261	1021	11,40	2,21	2503	1/2	3/8	275/10,83	5/31"	1	720	33,5/73,9	470/18,50	395/15,55	324/12,76	DWG15	3	12	UNT6217Z	
	UNT6217Z	D	CSR	20,40	31,0	3/4	988	1239	1505	1822	2261	930	5,60	2,49	2503	1/2	3/8	275/10,83	5/31"	1	720	33,5/73,9	470/18,50	395/15,55	324/12,76	DWG18	3	12	UNT6217Z	
	UNT6220Z	G	CSR	22,40	54,5	1	1138	1436	1766	2129	2710	1107	11,60	2,45	2954	1/2	3/8	275/10,83	5/31"	1	720	34,5/76,0	470/18,50	395/15,55	324/12,76	DWG15	3	12	UNT6220Z	
	UNT6220Z	D	CSR	22,40	33,7	1	1138	1436	1766	2129	2710	1085	6,85	2,50	2954	1/2	3/8	275/10,83	5/31"	1	720	34,5/76,0	470/18,50	395/15,55	324/12,76	DWG18	3	12	UNT6220Z	
	UNJ6220Z	D	CSR	26,10	42,0	1	1163	1470	1790	2156	2520	1124	7,18	2,24	2912	1/2	3/8	275/10,83	5/31"	1	720	34,7/76,5	481/18,94	409/16,10	324/12,76	DWG27	3	12	UNJ6220Z	
	UNJ6220Z	G	CSR	26,10	72,0	1	1163	1470	1790	2156	2520	1153	12,69	2,19	2912	1/2	3/8	275/10,83	5/31"	1	720	34,7/76,5	481/18,94	409/16,10	324/12,76	DWG27	3	12	UNJ6220Z	
	UNJ6226Z	D	CSR	34,40	40,0	1+	1390	1740	2100	2466	2840	1344	6,67	2,11	3223	5/8	3/8	275/10,83	5/31"	1	720	37,5/82,7	481/18,94	409/16,10	324/12,76	DWG27	3	12	UNJ6226Z	

Notes:  
Expansion device CV  
High efficiency versions of UNEK models (UNEU) available on demand

## R404A / R507 / R452A - LBP • 60HZ

### PERFORMANCE DATA ASHRAE

SERIES	MODEL	VOLTAGE & FREQUENCY CODE	MOTOR TYPE	DISPL. cm <sup>3</sup>	LRA A	HP	EVAPORATING TEMPERATURE - °C										RECEIVER VOLUME liter	VALVE CONNECTION EXTERNAL DIAMETER		FAN			WEIGHT (REF.) EXCESS UNIT kg	OVERALL DIMENSIONS				CONDENSER		MODEL	
							RATED POINT -23.3 °C					EFFICIENCY W/W						SUCTION INCH	LIQUID INCH	EXTERNAL DIAMETER mm	NO. / ANGLE OF BLADES	AIR FLOW RATE m <sup>3</sup> /h		A mm	B mm	C mm	SUCT VIEW REF.	NO. OF ROWS	NO. OF TUBES		
							-40	-35	-30	COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY W/W	-20	-15	-10															W
UNE	UNEK21216K	G	CSR	5,45	26,5	1/3	152	199	259	359	298	4,70	1,20	415	513	623	1	3/8	1/4	200/7,87	5/28*	1	340	16,66/36,6	435/17,13	306/12,05	254/10,00	DWG05	3	8	UNEK21216K
	UNEK21256K	G	CSR	6,20	26,5	1/3*	178	231	295	403	355	5,21	1,14	455	552	659	1	3/8	1/4	230/9,06	5/28*	1	420	17,0/37,5	435/17,13	306/12,05	254/10,00	DWG05	3	9	UNEK21256K
	UNEK21346K	G	CSR	8,78	37,5	3/4	254	329	423	591	465	6,30	1,25	672	827	1001	1	3/8	1/4	254/10,00	5/28*	1	595	17,9/39,5	467/18,39	339/13,35	296/11,65	DWG08	3	11	UNEK21346K
	UNEK21346K	D	CSR	8,78	20,0	1/2	254	329	423	591	456	3,41	1,27	672	827	1001	1	3/8	1/4	254/10,00	5/28*	1	595	17,9/39,5	467/18,39	339/13,35	296/11,65	DWG08	3	11	UNEK21346K
	UNEK21506K	G	CSR	12,12	41,5	1/2*	317	417	540	742	610	7,80	1,22	856	1049	1265	1	3/8	1/4	254/10,00	5/28*	1	595	20,0/44,1	467/18,39	339/13,35	296/11,65	DWG08	3	11	UNEK21506K
	UNEK21506K	D	CSR	12,12	20,0	1/2*	317	417	540	742	598	4,22	1,24	856	1049	1265	1	3/8	1/4	254/10,00	5/28*	1	595	20,0/44,1	467/18,39	339/13,35	296/11,65	DWG08	3	11	UNEK21506K
	UNT21686K	D	CSR	14,50	29,0	1	342	482	648	911	651	4,30	1,40	1058	1303	1573	1	3/8	1/4	254/10,00	5/28*	1	595	26,8/59,0	477/18,80	398/15,7	296/11,7	DWG21	4	11	UNT21686K
	UNT21686K	G	CSR	14,50	54,5	1	342	482	648	911	633	6,30	1,44	1058	1303	1573	1	3/8	1/4	254/10,00	5/28*	1	595	26,8/59,0	477/18,80	398/15,7	296/11,7	DWG21	4	11	UNT21686K
	UNT21806K	D	CSR	20,40	40,0	1	461	655	880	1245	840	4,65	1,45	1420	1735	2080	1	3/8	1/4	254/10,00	5/28*	1	595	27,5/60,6	477/18,80	398/15,7	296/11,7	DWG21	4	11	UNT21806K
	UNT21806K	G	CSR	20,40	66,0	1	461	655	880	1245	857	8,6	1,45	1420	1735	2080	1	3/8	1/4	254/10,00	5/28*	1	595	27,5/60,6	477/18,80	398/15,7	296/11,7	DWG21	4	11	UNT21806K
UNT	UNT21926K	D	CSR	25,40	40,0	1+	756	825	922	1039	780	3,90	1,33	1086	1333	1507	2,3	3/8	1/4	275/10,83	5/31*	1	800	32,1/70,6	470/18,50	395/15,55	324/12,76	DWG15	3	12	UNT21926K
	UNT21926K	G	CSR	25,40	56,0	1+	756	825	922	1039	927	7,21	1,12	1086	1333	1507	2,3	3/8	1/4	275/10,83	5/31*	1	800	36,2/79,8	470/18,50	395/15,55	324/12,76	DWG15	3	12	UNT21926K
	UNT22126K	G	CSR	27,80	81,0	2 1/4	720	983	1281	1614	1358	13,31	1,19	1981	2382	2818	2,3	1/2	3/8	275/10,83	5/31*	1	800	33,8/74,5	470/18,50	395/15,55	324/12,76	DWG15	3	12	UNT22126K
	UNT22126K	D	CSR	27,80	45,0	2 1/4	720	983	1281	1614	1090	5,37	1,48	1981	2382	2818	2,3	1/2	3/8	275/10,83	5/31*	1	980	34,7/76,5	470/18,50	395/15,55	324/12,76	DWG15	3	12	UNT22126K
	UNJ21926K	D	CSR	26,10	40,0	1 1/2*	530	715	930	1170	944	4,58	1,24	1442	1742	2057	2,3	1/2	3/8	275/10,83	5/31*	1	720	36,2/79,8	481/18,94	409/16,10	324/12,76	DWG27	3	12	UNJ21926K
	UNJ22126K	D	CSR	34,40	46,0	2 1/4*	721	1037	1360	1730	1124	5,31	1,54	2136	2571	3048	2,3	5/8	3/8	275/10,83	5/31*	1	720	38,3/84,2	481/18,94	409/16,10	324/12,76	DWG27	3	12	UNJ22126K

Notes:  
Expansion device CV

High efficiency versions of UNEK models (UNEU) available on demand

## R404A / R507 / R452A - M/HBP • 60HZ

SERIES	MODEL	VOLTAGE & FREQUENCY CODE	MOTOR TYPE	DISPL. cm <sup>3</sup>	LRA A	HP	PERFORMANCE DATA ASHRAE										RECEIVER VOLUME			VALVE CONNECTION EXTERNAL DIAMETER		FAN			WEIGHT (REFERENCE ONLY)			OVERALL DIMENSIONS				CONDENSER			MODEL
							EVAPORATING TEMPERATURE - °C										LITER	SUCTION		EXTERNAL DIAMETER mm	NO. / ANGLE OF BLADES	NO. OF FANS	AIR FLOW RATE m <sup>3</sup> /h	kg	A mm	B mm	C mm	EXT. VIEW REF.	NO. OF ROWS	NO. OF TUBES					
							-20	-15	-10	0	5	10	COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY M/W		COOLING W	POWER INPUT W												EFFICIENCY M/W	1.0 W	INCH	INCH	
UNE	UNEK61446K	G	CSIR	4.52	26.0	1/4	299	366	436	511	592	676	376	4.57	1.80	766	0.5	3/8	1/4	200/7.87	5/28*	1	340	17.4 / 36.4	431 / 16.97	306 / 12.05	226 / 8.90	DW605	3	8	UNEK61446K				
	UNEK62106K	D	CSIR	8.78	23.0	1/3*	470	557	663	786	928	1087	679	4.21	1.60	1265	1.3	3/8	1/4	254 / 10.00	5/28*	1	595	22.7 / 49.9	465 / 18.31	340 / 13.39	296 / 11.65	DW608	3	11	UNEK62106K				
	UNEK62106K	G	CSIR	8.78	38.0	1/3*	470	557	663	786	928	1087	642	7.23	1.69	1265	1.3	3/8	1/4	254 / 10.00	5/28*	1	595	22.7 / 49.9	465 / 18.31	340 / 13.39	296 / 11.65	DW608	3	11	UNEK62106K				
	UNEK62116K	D	CSIR	12.12	30.0	1/2*	626	785	945	1106	1267	1430	917	5.77	1.56	1756	1.3	3/8	1/4	254 / 10.00	5/28*	1	595	22.3 / 49.0	465 / 18.19	340 / 13.39	296 / 11.65	DW608	3	11	UNEK62116K				
	UNEK62136K	G	CSIR	12.12	51.0	1/2*	626	785	945	1106	1267	1430	972	11.42	1.47	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	DW608	3	11	UNEK62136K				
UNT	UNT62176K	D	CSIR	12.60	27.0	3/4	871	1091	1329	1584	1858	2284	798	4.20	2.86	2460	2.3	1/2	3/8	275 / 10.83	5/31*	1	640	30.0 / 66.1	470 / 18.50	395 / 15.55	324 / 12.76	DW618	3	12	UNT62176K				
	UNT62176K	G	CSIR	12.60	50.0	3/4	871	1091	1329	1584	1858	2284	814	7.77	2.81	2460	2.3	1/2	3/8	275 / 10.83	5/31*	1	640	30.0 / 66.1	470 / 18.50	395 / 15.55	324 / 12.76	DW618	3	12	UNT62176K				
	UNT62206K	D	CSIR	14.50	26.5	3/4	1038	1308	1566	1872	2166	2604	1177	5.82	2.21	2779	2.3	1/2	3/8	275 / 10.83	5/31*	1	640	31.0 / 68.2	470 / 18.50	395 / 15.55	324 / 12.76	DW615	3	12	UNT62206K				
	UNT62206K	G	CSIR	14.50	54.5	3/4	1038	1308	1566	1872	2166	2604	1200	10.59	2.17	2779	2.3	1/2	3/8	275 / 10.83	5/31*	1	640	31.0 / 68.2	470 / 18.50	395 / 15.55	324 / 12.76	DW615	3	12	UNT62206K				
	UNT62226K	D	CSIR	17.40	33.7	1	1236	1526	1834	2161	2507	3037	1428	8.65	2.13	3253	2.3	1/2	3/8	275 / 10.83	5/31*	1	640	33.5 / 73.9	470 / 18.50	395 / 15.55	324 / 12.76	DW615	3	12	UNT62226K				
UNJ	UNJ62226K	G	CSIR	17.40	70.0	1	1236	1526	1834	2161	2507	3037	1457	16.00	2.13	3253	2.3	1/2	3/8	275 / 10.83	5/31*	1	640	33.5 / 73.9	470 / 18.50	395 / 15.55	324 / 12.76	DW615	3	12	UNJ62226K				
	UNJ62266K	D	CSIR	21.70	37.0	1+	1522	1745	2077	2338	2890	3508	1611	7.82	2.18	4194	2.3	5/8	3/8	300 / 11.81	5/28*	1	1200	37.5 / 82.7	512 / 20.16	410 / 16.14	390 / 15.35	DW622	4	14	UNJ62266K				

## R290 • MBP • 60HZ

SERIES	MODEL	VOLTAGE & FREQUENCY CODE	MOTOR TYPE	DISPL. cm <sup>3</sup>	LRA A	HP	PERFORMANCE DATA ASHRAE										RECEIVER VOLUME		VALVE CONNECTION EXTERNAL DIAMETER		FAN			WEIGHT (REFERENCE ONLY)			OVERALL DIMENSIONS				CONDENSER			MODEL	
							EVAPORATING TEMPERATURE - °C										LITER	SUCTION	LIQUID DIAMETER	EXTERNAL DIAMETER	NO. / ANGLE OF BLADES	NO. OF FANS	AIR FLOW RATE m <sup>3</sup> /h	kg	A mm	B mm	C mm	EXT. VIEW REF.	NO. OF ROWS	NO. OF TUBES					
							-20	-15	-10	0	5	10	COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY M/W															COOLING W	POWER INPUT W	EFFICIENCY M/W		-5
UNE	UNEK6152U	G	CSIR	5.45	25	1/4	903	350	446	507	579	602	415	507	279	1.82	602	702	805	913	1.0	3/8	1/4	230	5/28*	1	420	17.1	435	305	254	DW605	3	9	UNEK6152U
	UNJ61818U	G	CSIR	7.28	30	1/3	1269	434	479	591	701	827	497	591	701	342	2.05	827	968	1124	1296	1.0	3/8	1/4	254	5/28*	1	595	23.8	465	340	296	DW608	3	11

Notes:  
Expansion device CV  
High efficiency versions of UNEK models (UNEU) available on demand

DOUBLE FAN R404A

R404A / R507 / R452A - LBP • 50HZ

		PERFORMANCE DATA ASHRAE												PERFORMANCE DATA EN13215																										
SERIES	MODEL	VOLTAGE & FREQUENCY CODE	MOTOR TYPE	DISPL. cm <sup>3</sup>	LRA A	EVAPORATING TEMPERATURE - °C												RECEIVER VOLUME				VALVE CONNECTION EXTERNAL DIAMETER				FAN				WEIGHT (REF. ONLY)				OVERALL DIMENSIONS				CONDENSER		MODEL
						RATED POINT -23.3 °C						RATED POINT -15 °C						LITER	INCH	SUCTION	LIQUID	EXTERNAL DIAMETER	NO. / ANGLE OF BLADES	NO. OF FANS	AIR FLOW RATE	WEIGHT	A	B	C	EXT. VIEW REF.	NO. OF ROWS	NO. OF TUBES								
						COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY W/W	COOLING W	POWER INPUT W	EFFICIENCY W/W	-40	-35	-30	-25	-20																-15	-10						
UNT	ULNT2126K	A	CSR	27,8	33	2	1443	991	5,84	1,46	515	669	710	0,94	873	1130	1438	1820	2258	2,3	3/8	2x254	5/28*	2	1190	40,0	650	440	321	DWG20	3	11	ULNT2126K							
UNJ	ULNJ22126K	A	CSR	34,4	35	2	1599	1175	6,14	1,36	488	717	745	0,96	962	1251	1574	1990	2366	2,3	5/8	2x254	5/28*	2	1190	40,0	612	440	296	DWG25	3	11	ULNJ22126K							

R404A / R507 / R452A - M/HBP • 50HZ

		PERFORMANCE DATA ASHRAE												PERFORMANCE DATA EN13215																										
SERIES	MODEL	VOLTAGE & FREQUENCY CODE	MOTOR TYPE	DISPL. cm <sup>3</sup>	LRA A	EVAPORATING TEMPERATURE - °C												RECEIVER VOLUME				VALVE CONNECTION EXTERNAL DIAMETER				FAN				WEIGHT (REF. ONLY)				OVERALL DIMENSIONS				CONDENSER		MODEL
						RATED POINT 7.2 °C						RATED POINT -10 °C						LITER	INCH	SUCTION	LIQUID	EXTERNAL DIAMETER	NO. / ANGLE OF BLADES	NO. OF FANS	AIR FLOW RATE	WEIGHT	A	B	C	EXT. VIEW REF.	NO. OF ROWS	NO. OF TUBES								
						COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY W/W	COOLING W	POWER INPUT W	EFFICIENCY W/W	-15	-20	-25	-30	-35																-40							
UNT	ULNT6226K	A	CSR	224	38	1+	3016	1500	8,17	2,01	1091	1391	1706	1,076	1,59	2048	2414	2808	3210	2,3	1/2	3/8	2x254	5/28*	2	1190	38,6	600	440	296	DWG20	3	11	ULNT6226K						
	ULNJ9226K	V	CSR	21,7	27,5	1+	3141	1403	6,79	2,24	1047	1364	1701	1,035	1,64	2071	2473	2909	3360	2,3	5/8	3/8	2x254	5/28*	2	1190	39,7	612	440	296	DWG25	3	11	ULNJ9226K						
	ULNJ9226K	M	3 PH	21,7	10	1	2720	1300	3,9	2,09	1040	1351	1655	950	1,74	1951	2259	2655	2831	2,3	5/8	3/8	2x254	5/28*	2	1400	43	785	490	296	DWG24	4	11	ULNJ9226K						
	ULNJ9226K	A	CSR	26,1	43	1/4	3474	1719	8,38	2,02	1214	1565	1929	1,040	1,85	2341	2770	3229	3696	2,3	5/8	1/2	2x254	5/28*	2	850	41,3	785	440	296	DWG23	3	11	ULNJ9226K						
UNJ	ULNJ9226K	M	3 PH	26,1	13	1/4	3565	1709	4,4	1,97	1265	1646	2015	1,060	1,60	2376	2751	3124	3523	2,3	5/8	1/2	2x254	5/28*	2	1400	44	785	490	296	DWG24	3	11	ULNJ9226K						
	ULNJ9226K	V	CSR	32,7	43	1/2+	4104	2221	11,19	1,85	1507	1905	2325	1,608	1,45	2942	3282	3819	4372	2,3	5/8	1/2	2x254	5/28*	2	1140	45	785	460	296	DWG23	4	11	ULNJ9226K						
	ULNJ9226K	M	3 PH	32,7	22	1/2+	4231	2215	5,48	1,91	1614	2012	2498	1,171	2,08	2904	3426	3942	4487	2,3	5/8	1/2	2x254	5/28*	2	1600	45,4	785	490	296	DWG24	4	11	ULNJ9226K						

R404A / R507 / R452A - M/HBP • 60HZ

		PERFORMANCE DATA ASHRAE												RECEIVER VOLUME				VALVE CONNECTION EXTERNAL DIAMETER				FAN				WEIGHT (REF. ONLY)				OVERALL DIMENSIONS				CONDENSER		MODEL
SERIES	MODEL	VOLTAGE & FREQUENCY CODE	MOTOR TYPE	DISPL. cm <sup>3</sup>	LRA A	EVAPORATING TEMPERATURE °C												LITER	INCH	SUCTION	LIQUID	EXTERNAL DIAMETER	NO. / ANGLE OF BLADES	NO. OF FANS	AIR FLOW RATE	WEIGHT	A	B	C	EXT. VIEW REF.	NO. OF ROWS	NO. OF TUBES				
						COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY W/W	COOLING W	POWER INPUT W	EFFICIENCY W/W	0	-5	-10	-15	-20																			
						UNJ	UNJ9226K	D	CSR	21,7	37	1+	1522	1745	2077	2338	2890	3508	1611	7,82	2,18	4194	2,3	5/8	3/8	2x254/10x00	5/28*	2	850	39,1 / 76,5	614	440	320	DWG26	3	11

Notes:  
Expansion device CV

## GEMINI UNITS

### R134a • M/HBP • 50HZ

SERIES	MODEL	VOLT. & FREQ. CODE	MOTOR TYPE	DISPL. cm <sup>3</sup>	LRA A	HP	PERFORMANCE DATA EN13215											
							EVAPORATING TEMPERATURE -°C											
							RATED POINT 7.2°C						RATED POINT -10 °C					
							COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY W/W	COOLING W	POWER INPUT W	EFFICIENCY W/W	COOLING W	POWER INPUT W	EFFICIENCY W/W	-5 W	0 W
UGNJ	UGNJ6220ZX	M	3 PH	2X26.10	2X10.0	1 1/2	4570	2008	3.2	2.28	2.28	1297	1.60	2655	3366	4141	4976	
	UGNJ6226ZX	M	3 PH	2X34.40	2X13.0	2	6012	2586	4.6	2.32	2.32	1780	1.56	3533	4419	5409	6488	

### R404A / R507 / R452A • LBP • 50HZ

SERIES	MODEL	VOLT. & FREQ. CODE	MOTOR TYPE	DISPL. cm <sup>3</sup>	LRA A	HP	PERFORMANCE DATA EN13215											
							EVAPORATING TEMPERATURE -°C											
							RATED POINT -23.3°C						RATED POINT -35 °C					
							COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY W/W	COOLING W	POWER INPUT W	EFFICIENCY W/W	COOLING W	POWER INPUT W	EFFICIENCY W/W	-30 W	-25 W
UGNT	UGNT21806K	A	CSR	2X20.40	2X24.5	2	3198	2958	4.60	1.08	1.08	1657	0.99	2129	2680	3287	3951	4672
	UGNJ21926K	A	CSR	2X26.10	2X26.0	2 1/4	2396	1884	8.62	1.27	1.27	1065	0.93	1315	1839	2367	2993	3687
UGNJ	UGNJ21926S	M	3 PH	2X26.10	2X13.5	2 1/4	2162	1800	4.20	1.20	1.20	1088	0.91	1315	1691	2126	2640	3209
	UGNJ22126K	A	CSR	2X34.40	2X16.0	2 3/4	3198	2350	12.2	1.36	1.36	1496	0.96	1924	2502	3148	3900	4732
	UGNJ22126S	M	3 PH	2X34.40	2X20.6	2 3/4	3198	2958	4.60	1.08	1.08	1657	0.99	2129	2680	3287	3951	4672
	UGNJ21806K	A	CSR	2X20.40	2X24.5	2	3198	2958	4.60	1.08	1.08	1657	0.99	2129	2680	3287	3951	4672

### R404A / R507 / R452A • M/HBP • 50HZ

SERIES	MODEL	VOLT. & FREQ. CODE	MOTOR TYPE	DISPL. cm <sup>3</sup>	LRA A	HP	PERFORMANCE DATA EN13215											
							EVAPORATING TEMPERATURE -°C											
							RATED POINT 7.2°C						RATED POINT -10 °C					
							COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY W/W	COOLING W	POWER INPUT W	EFFICIENCY W/W	COOLING W	POWER INPUT W	EFFICIENCY W/W	-5 W	0 W
UGNJ	UGNJ92266K	V	CSR	2X21.70	2X38.0	2	6982	2806	12.8	2.17	2.17	1830	1.67	3783	4607	5524	6500	
	UGNJ92266S	M	3 PH	2X21.70	2X10.0	2	5440	2600	7.8	2.09	2.09	1795	1.42	3636	4318	5029	5662	
UGNJ	UGNJ92326K	A	CSR	2X26.10	2X43.0	2 1/2	6722	3438	16.8	1.96	1.96	2489	1.40	4287	5169	6144	7138	
	UGNJ92326S	M	3 PH	2X26.10	2X13.0	2 1/2	6730	3418	5.6	1.97	1.97	2489	1.49	4428	5259	6125	6538	
	UGNJ92386K	V	CSR	2X32.70	2X43.0	3	8208	4442	20.2	1.85	1.85	3539	1.41	5771	6626	7537	8502	
	UGNJ92386S	M	3 PH	2X32.70	2X22.0	3	8332	4370	7.2	1.91	1.91	3616	1.49	5482	6512	7657	8538	

Notes:  
Expansion device CVV

## SLIDING UNIT

### R134a • MBP • 50HZ

SERIES	MODEL	VOLTAGE & FREQUENCY CODE	MOTOR TYPE	DISPL. cm <sup>3</sup>	LRA A	HP	PERFORMANCE DATA EN13215																								
							EVAPORATING TEMPERATURE - °C																								
							RATED POINT 7.2 °C						RATED POINT -10 °C						REC. VOLUME liter												
							COOLING W	POWER INPUT W	CURRENT A	-15 W	COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY W/W	-5 W	0 W	5 W	10 W	SUCTION INCH	LIQUID INCH	EXTERNAL DIAMETER mm	AIR FLOW RATE m <sup>3</sup> /h	WEIGHT (REF. ONLY) kg	OVERALL DIMENSIONS			CONDENSER		MODEL		
UNE	UDNEK6210Z	A	CSR	12,12	19,5	1/3+	1150	522	3,05	479	597	364	2,55	1,64	729	875	1036	1212	1,1	3/8	1/4	250	840	65	822	460	470	DW637	3	11	UDNEK6210Z
	UDNEK6212Z	A	CSR	14,3	19,5	1/2	1342	652	3,88	545	662	438	3,30	1,51	883	968	1280	1327	1,1	3/8	1/4	250	840	66	822	460	470	DW637	3	11	UDNEK6212Z
	UDNEK6214Z	A	CSR	16,8	21,2	1/2+	1439	776	5,06	610	758	542	4,32	1,40	931	1098	1374	1541	1,1	3/8	1/4	250	840	66	822	460	470	DW637	3	12	UDNEK6214Z
UNT	UDNT6218Z	N	CSR	17,4	21	1/2+	1566	741	4,4	657	820	479	3,30	1,71	1001	1200	1416	1641	2,3	3/8	1/4	250	840	69	822	460	470	DW637	3	12	UDNT6218Z
	UDNT6217Z	A	CSR	20,4	25	3/4+	1798	779	5,41	774	956	615	4,53	1,55	1166	1406	1647	1872	2,3	1/2	3/8	250	840	75,5	822	460	470	DW637	3	12	UDNT6217Z
UNJ	UDNJ6220Z	A	CSR	26,1	35	1	2312	1083	6,37	963	1226	738	5,23	1,66	1512	1832	2158	2516	2,3	1/2	3/8	250	840	75,5	822	460	470	DW637	3	12	UDNJ6220Z
	UDNJ6226Z	A	CSR	34,4	31	1 1/4	2983	1360	6,8	1234	1521	901	6,07	1,69	1835	2177	2547	2944	2,3	1/2	3/8	300	1450	82	822	460	470	DW637	3	14	UDNJ6226Z

### R404A / R507 / R452A - LBP • 50HZ

SERIES	MODEL	VOLTAGE & FREQUENCY CODE	MOTOR TYPE	DISPL. cm <sup>3</sup>	LRA A	HP	PERFORMANCE DATA EN13215																									
							EVAPORATING TEMPERATURE - °C																									
							RATED POINT -23.3 °C						RATED POINT -35 °C						REC. VOLUME liter													
							COOLING W	POWER INPUT W	CURRENT A	-40 W	COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY W/W	-30 W	-25 W	-20 W	-15 W	-10 W	SUCTION INCH	LIQUID INCH	EXTERNAL DIAMETER mm	AIR FLOW RATE m <sup>3</sup> /h	WEIGHT (REF. ONLY) kg	OVERALL DIMENSIONS			CONDENSER		MODEL		
UNE	UDNEK1506K	A	CSR	12,12	19,5	3/4	535	525	3,6	236	319	386	3,05	0,83	387	497	578	690	830	1,1	3/8	1/4	250	840	65	822	460	470	DW637	3	11	UDNEK2100K
	UDNEK1606K	A	CSR	14,3	19,5	1	608	602	4,1	312	386	444	3,5	0,87	497	614	730	841	930	1,1	3/8	1/4	250	840	66	822	460	470	DW637	3	12	UDNEK2160K
	UDNT2100K	A	CSR	20,4	24,5	1+	809	762	4,7	423	538	575	2,8	0,94	668	813	973	1147	1326	2,3	1/2	3/8	250	840	66	822	460	470	DW637	3	12	UDNT2100K
UNT	UDNT2192K	A	CSR	22,4	34,5	1 1/2	912	744	3,8	450	607	553	2,9	1,10	773	950	1136	1332	1538	2,3	1/2	3/8	300	1450	75,5	822	460	470	DW637	3	12	UDNT2192K
	UDNT2212K	A	CSR	27,8	33	2-	1125	955	4,8	556	725	710	3,7	1,02	915	1134	1355	1606	1873	2,3	1/2	3/8	300	1450	75,5	822	460	470	DW637	3	14	UDNT2212K
UNJ	UDNJ2212K	A	CSR	34,4	36	2	1315	1210	5,9	617	849	848	4,4	1,00	1085	1339	1565	1810	2057	2,3	1/2	3/8	300	1450	76	822	460	470	DW637	3	14	UDNJ2212K
	UDL639752BK	A	CSR	46	49	2 1/6	2251	1288	7,04	631	947	815	5,28	1,16	1281	1632	2002	2390	2795	4	5/8	3/8	400	2750	116	890	632	599	DW639	4	18	UDL639752BK
UL	UDL63A113BK	A	CSR	65	60	3 1/5	3333	1856	8,82	967	1377	1183	6,21	1,16	1854	2399	3012	3692	4441	4	5/8	3/8	400	2750	116	890	632	599	DW639	4	18	UDL63A113BK
	UDL63A183BK	A	CSR	99	104	4	4169	2344	12,7	1537	1958	1745	10,65	1,12	2458	3037	3695	4432	5248	4	3/4	1/2	400	2750	116	890	632	599	DW639	4	18	UDL63A183BK

Notes:  
Expansion device CV



## SLIDING UNIT

# R404A / R507 / R452A - M/HBP • 50HZ

SERIES	MODEL	VOLTAGE & FREQUENCY CODES	MOTOR TYPE	DISPL. cm <sup>3</sup>	LRA A	HP	PERFORMANCE DATA ASHRAE										PERFORMANCE DATA EN13215										VALVE CONNECTION EXTERNAL DIAMETER			FAN			WEIGHT (REF. ONLY)			OVERALL DIMENSIONS				CONDENSER		MODEL
							RATED POINT 7,2 °C					RATED POINT -10 °C					SEES VOLUME		SUCTION		LIQUID		EXTERNAL DIAMETER		AIR FLOW RATE		A		B		C		EXT. VIEW REF.		NO. OF ROWS		NO. OF TUBES					
							COOLING W	POWER INPUT W	CURRENT A	-20 W	-15 W	COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY W/W	-5 W	0 W	5 W	10 W	liters	inch	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	m <sup>3</sup> /h	kg	mm	mm	mm	
UNE	UDNEK62106K	A	CSR	8,78	16,1	1/2	1123	662	3,70	521	640	704	466	2,9	1,51	883	1006	1131	1258	1,1	3/8	1/4	250	840	65	822	460	470	DWG37	3	11	UDNEK62106K										
	UDNEK62136K	A	CSR	12,42	19,3	1/2+	1490	823	4,40	720	814	907	660	4,7	1,37	1035	1187	1378	1594	1,1	3/8	1/4	250	840	66	822	460	470	DWG37	3	12	UDNEK62136K										
	UDNEK62176K	A	CSR	14,3	21,5	3/4	1671	1214	5,80	796	994	1184	703	3,35	1,68	1317	1443	1583	1723	2,3	1/2	3/8	250	840	67	822	460	470	DWG37	3	12	UDNEK62176K										
UNT	UDNT62226K	A	CSR	17,4	30	1-	2052	1240	6,20	890	1099	1314	826	4,3	1,59	1535	1763	1996	2235	2,3	1/2	3/8	250	840	75,5	822	460	470	DWG37	3	12	UDNT62226K										
	UDNT62266K	A	CSR	22,4	39	1+	2593	1563	7,30	1183	1429	1614	1076	5,3	1,50	1933	2191	2454	2720	2,3	1/2	3/8	300	1450	75,5	822	460	470	DWG37	3	14	UDNT62266K										
	UDN192326K	A	CSR	26,1	43	1,1/4	3005	2086	9,80	1406	1745	2055	1282	7,5	1,60	2342	2601	2834	3076	2,3	1/2	3/8	300	1450	82	822	460	470	DWG37	3	14	UDN192326K										
UNJ	UDNJ92386K	V	CSR	32,7	43	1,1/2+	3820	2478	11,31	1657	2044	2422	1660	7,76	1,46	2791	3153	3506	3861	2,3	1/2	3/8	300	1300	85,5	822	460	470	DWG37	4	14	UDNJ92386K										
	UDH79826UABHA	A	CSR	48	58	2,2/7	6544	3235	16,61	2408	3012	3675	2208	12,5	1,66	4398	5181	6024	6926	4	5/8	3/8	400	2750	116	890	632	599	DWG59	4	18	UDH79826UABHA										
	UDH73A38DBE	380-415	3PH	68	39	3	8657	3540	6,12	2961	3775	4680	2423	4,62	1,93	5676	6762	7938	9205	4	3/4	3/8	450	3940	165	1063	778	768	DWG38	4	20	UDH73A38DBE										
UH	UDH73A60DBE	380-415	3PH	84	53	4,1/5	12309	3003	8,21	4299	5329	6538	2360	6,06	2,77	7925	9492	11238	13163	10	7/8	1/2	500	4900	165	1063	778	768	DWG38	5	24	UDH73A60DBE										
	UDH73A62DBE	380-415	3PH	103	62	4,3/5	12330	5929	10,19	5237	6674	7876	4125	7,41	1,91	9142	10373	11669	12729	10	7/8	1/2	500	4900	166	1063	778	768	DWG38	5	24	UDH73A62DBE										
	UDH79A72DBV	380-415	3PH	117	79	5	13822	6833	12,16	5908	7578	9121	4892	9,55	1,86	10536	11825	12886	14020	10	7/8	1/2	500	4900	165	1063	778	768	DWG38	5	24	UDH79A72DBV										

Notes:  
Expansion device CV

## SUPERTROPICAL

### R404A / R507 / R452A - LBP • 50HZ

SERIES	MODEL	VOLTAGE & FREQUENCY CODE	MOTOR TYPE	DISPL. cm <sup>3</sup>	LRA A	HP	PERFORMANCE DATA EN13215											PERFORMANCE DATA ASHRAE				OVERALL DIMENSIONS				CONDENSER		MODEL						
							EVAPORATING TEMPERATURE -°C						RATED POINT -23.3 °C		RATED POINT -35 °C		RATED POINT -35 °C			REC. VOLUME liter	VALVE CONNECTION EXTERNAL DIAMETER		FAN			WEIGHT (REF. ONLY) kg	A mm		B mm	C mm	EXT. VIEW REFR.	NO. OF ROWS	NO. OF TUBES	
							COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY W/W	COOLING W	POWER INPUT W	EFFICIENCY W/W	COOLING W	POWER INPUT W	EFFICIENCY W/W	-40 W	-30 W	-25 W		-20 W	-15 W	-0 W	SUCTION INCH	LIQUID INCH									EXTERNAL DIAMETER mm
																				W						W	W		W	W	W	W	W	
UNJ	USNJ21926K	A	CSR	26.1	26.0	1 1/2	1410	1032	5.1	1.37	542	742	785	0.95	945	1.102	1385	1502	1854	2.3	1 1/2	3/8	275	5/31*	1	1450	38	482	411	372	DW629	3	14	USNJ21926K
	USNJ22126K	A	CSR	34.4	36.0	2	1758	1288	6.3	1.36	573	789	834	0.95	1051	1.423	1726	2156	2597	2.3	5/8	3/8	275	5/31*	1	1450	39	482	411	372	DW629	3	14	USNJ22126K

### R404A / R507 / R452A - M/HBP • 50HZ

SERIES	MODEL	VOLTAGE & FREQUENCY CODE	MOTOR TYPE	DISPL. cm <sup>3</sup>	LRA A	HP	PERFORMANCE DATA EN13215											PERFORMANCE DATA ASHRAE				OVERALL DIMENSIONS				CONDENSER		MODEL						
							EVAPORATING TEMPERATURE -°C						RATED POINT 7.2 °C		RATED POINT -10 °C		RATED POINT -10 °C			REC. VOLUME liter	VALVE CONNECTION EXTERNAL DIAMETER		FAN			WEIGHT (REF. ONLY) kg	A mm		B mm	C mm	EXT. VIEW REFR.	NO. OF ROWS	NO. OF TUBES	
							COOLING W	POWER INPUT W	CURRENT A	EFFICIENCY W/W	COOLING W	POWER INPUT W	EFFICIENCY W/W	COOLING W	POWER INPUT W	EFFICIENCY W/W	-15 W	-5 W	0 W		5 W	10 W	SUCTION INCH	LIQUID INCH	EXTERNAL DIAMETER mm									NO. / ANGLE OF BLADES
																				W						W	W		W	W	W	W	W	
UEMT	UEMT61666K	A	CSR	5.20	10.4	1/4	1020	351	2.2	2.91	375	448	530	305	1.74	620	719	840	972	1.1	3/8	1/4	254	5/28*	1	995	17	466	343	296	DW604	3	11	UEMT61666K
	USNEK62106K	A	CSR	8.78	16.1	1/2	1563	733	4.12	2.13	541	683	792	448	1.77	921	1084	1248	1603	1.1	3/8	1/4	254	5/28*	1	995	22.7	476	399	296	DW610	3	11	USNEK62106K
UNE	USNEK62156K	A	CSR	12.12	19.3	1/2+	1930	965	5.3	2.00	660	856	1035	675	1.53	1208	1369	1512	1886	1.1	3/8	1/4	275	5/31*	1	1450	24	476	399	324	DW611	3	12	USNEK62156K
	USNJ92266K	V	CSR	21.7	27.5	1	3436	1540	7.2	2.23	1164	1498	1876	1070	1.75	2282	2684	3384	3653	2.3	5/8	3/8	300	-	1	1450	39	600	440	372	DW631	3	14	USNJ92266K
UNJ	USNJ92326K	A	CSR	26.1	43.0	1 1/4	3587	1832	8.6	1.96	1435	1787	2206	1282	1.72	2482	2757	3976	4012	3.9	5/8	1/2	300	-	1	1300	46	600	440	372	DW631	4	14	USNJ92326K
	USNJ92386K	V	CSR	32.7	43.0	1 1/2+	4512	2332	11.2	1.93	1812	2103	2577	1610	1.60	3267	3622	4540	4893	3.9	5/8	1/2	300	-	1	2200	48	600	440	426	DW632	4	16	USNJ92386K
	USNJ92386S	M	CSR	32.7	22.0	1 1/2+	4863	2543	5.3	1.91	1866	2234	2668	1472	1.81	3356	3834	4763	4968	3.9	5/8	1/2	300	-	1	2200	48	600	440	426	DW632	4	16	USNJ92386S

Notes:  
Expansion device CV  
High efficiency versions of UNEK models (UNEU) available on demand

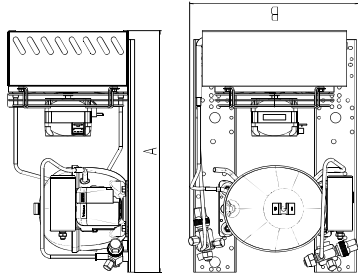
EXTERNAL VIEWS &  
WIRING DIAGRAMS



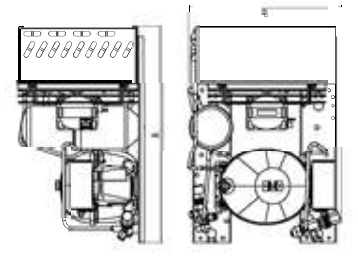
### EXTERNAL VIEWS - UEMT

### EXTERNAL VIEWS UNE/UNEK/UNEU

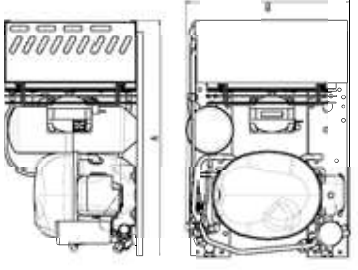
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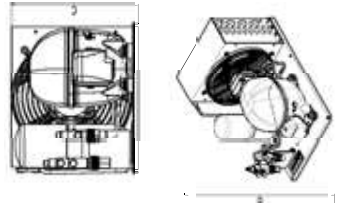
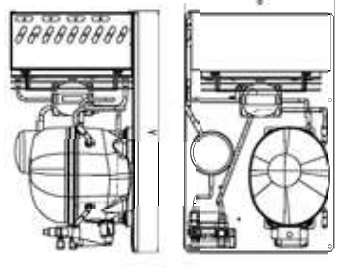
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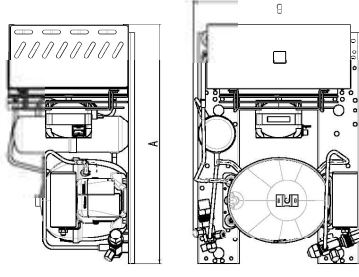
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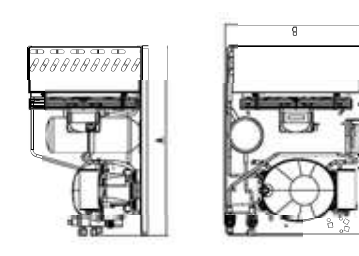
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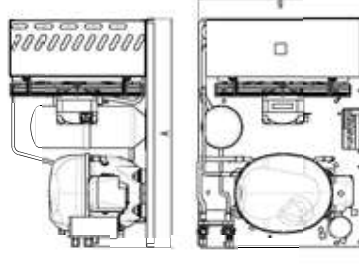
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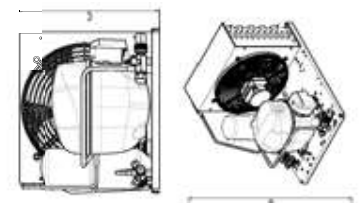
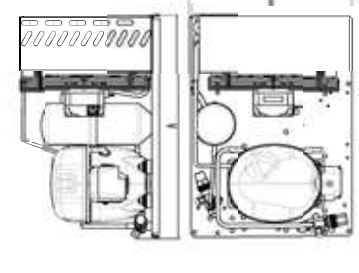
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DWG06

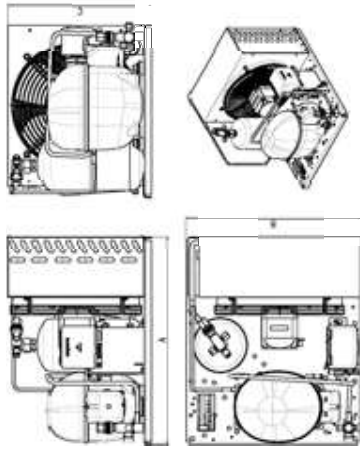


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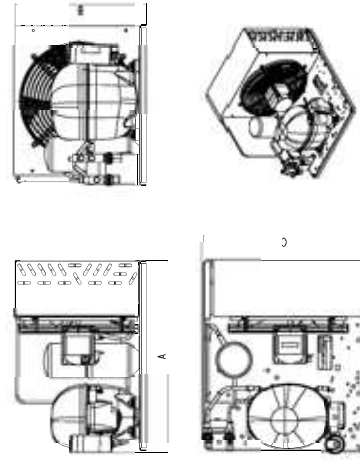


### EXTERNAL VIEWS UNE/UNEK/UNEU

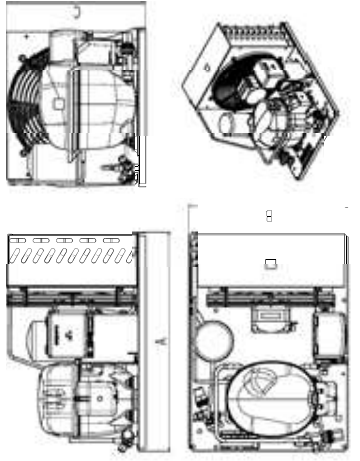
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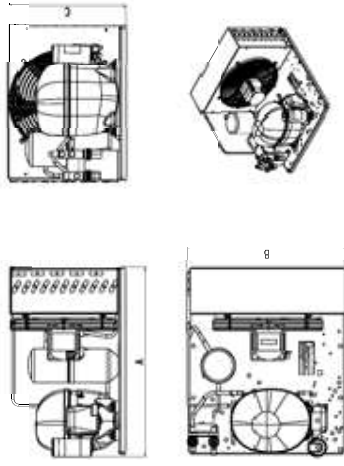
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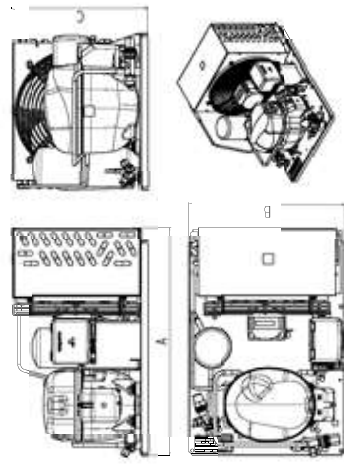
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DWG10

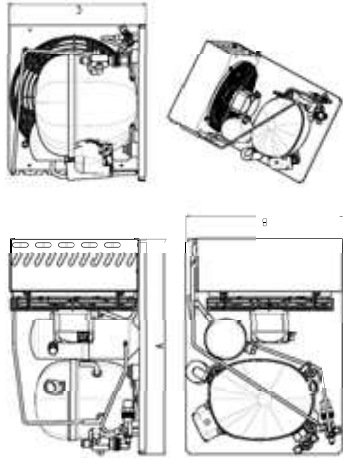


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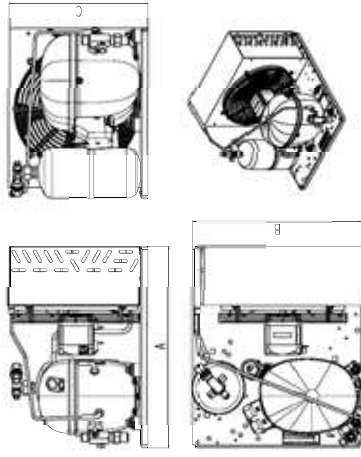


## EXTERNAL VIEWS UNIT

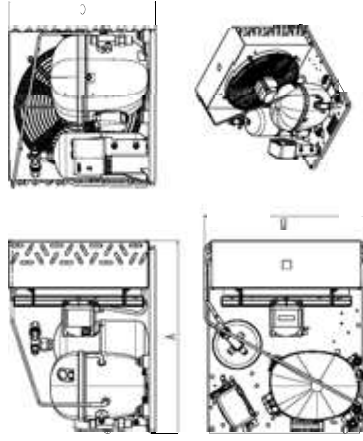
DWG14



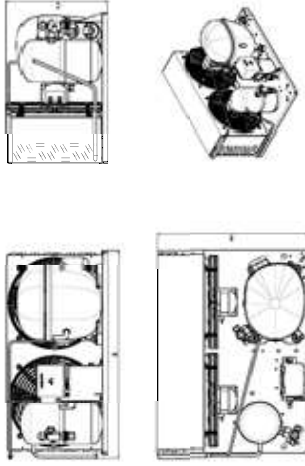
DWG18



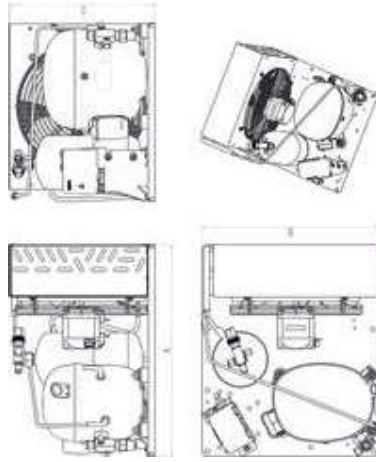
DWG16



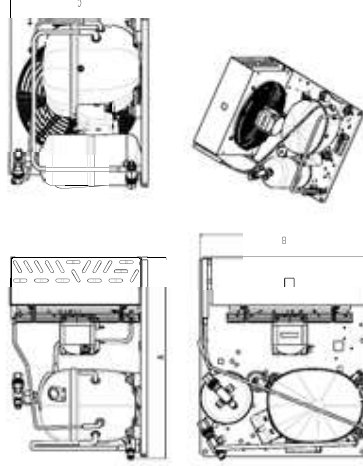
DWG20



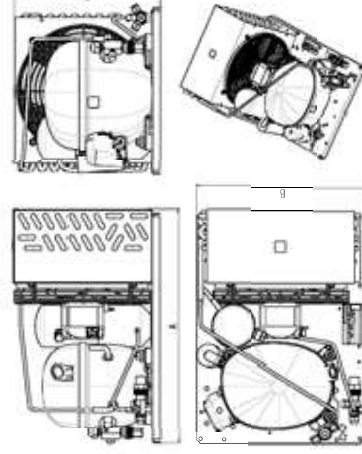
DWG15



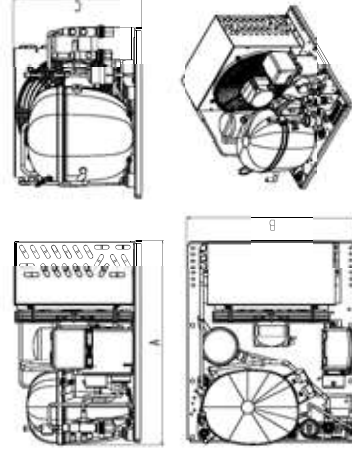
DWG19



DWG17

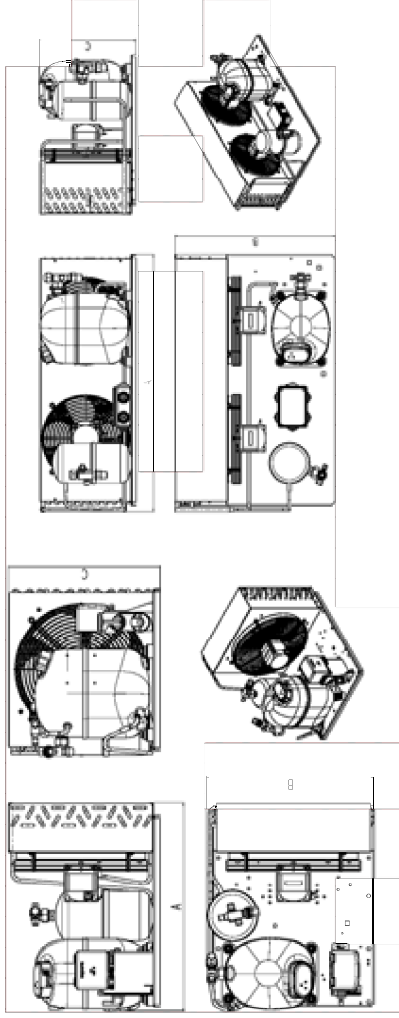


DWG21

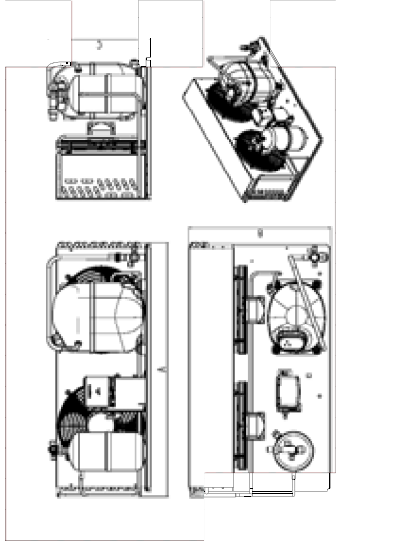


## EXTERNAL VIEWS UNJ

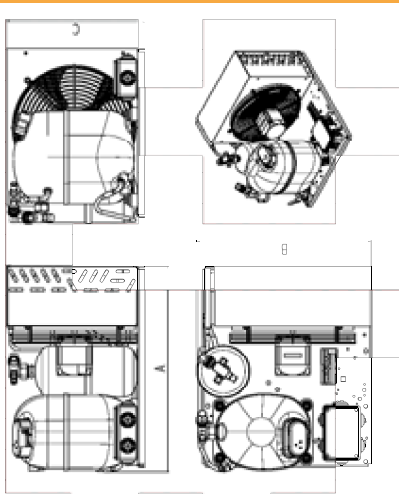
DWG22



DWG24

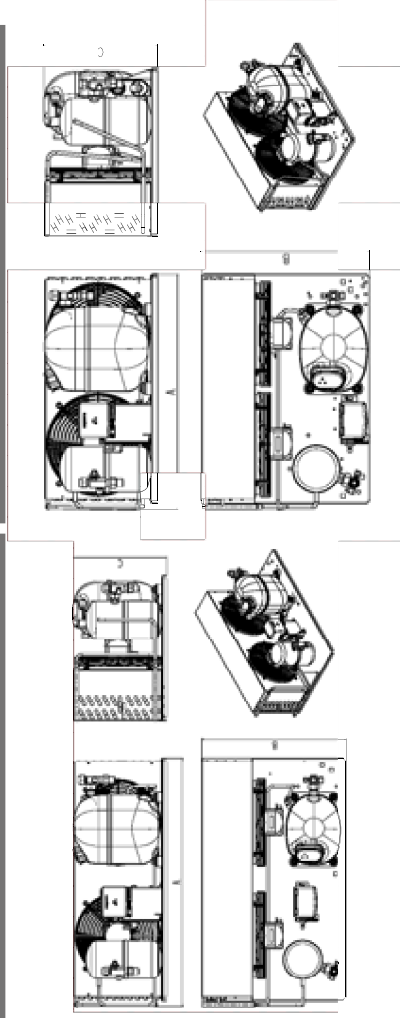


DWG26

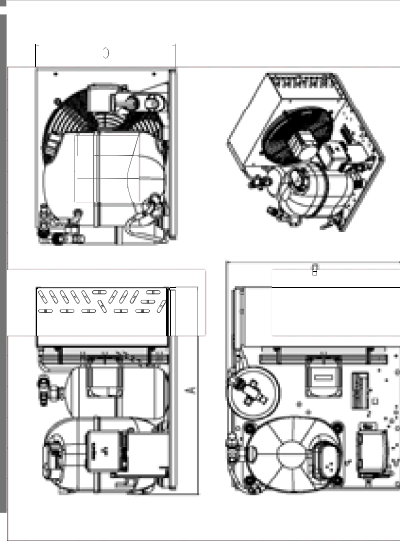


DWG28

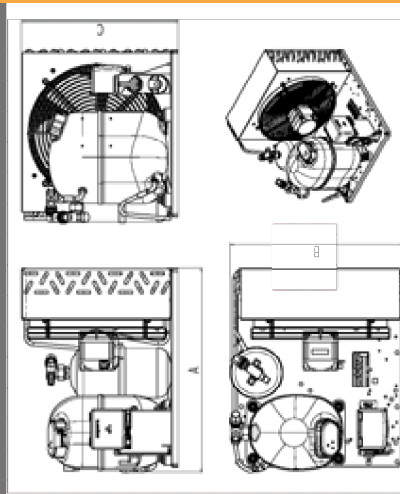
DWG23



DWG 25



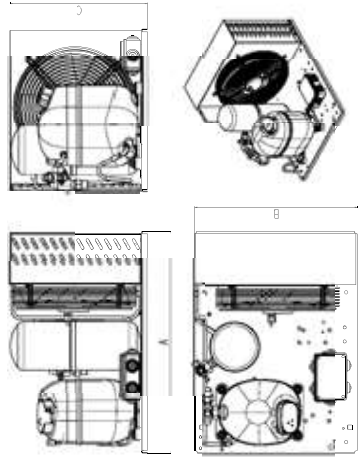
DWG27



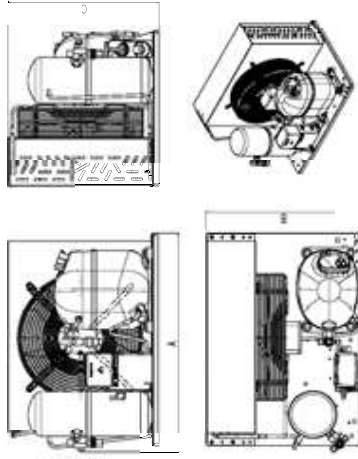
DWG29

### EXTERNAL VIEWS UNJ

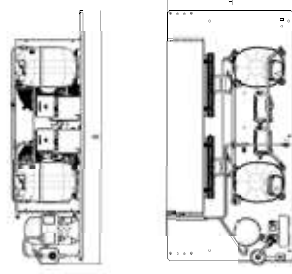
DWG30



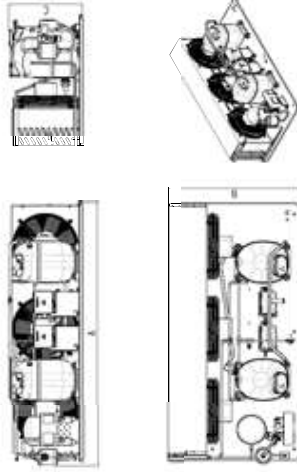
DWG32



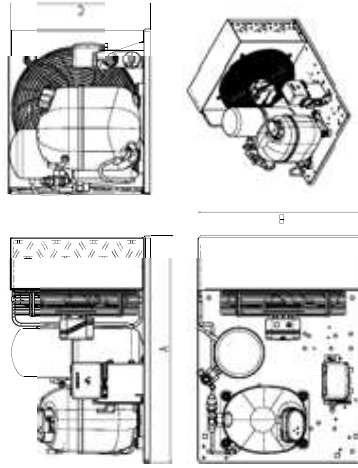
DWG33



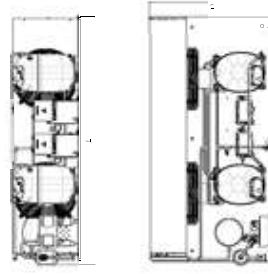
DWG35



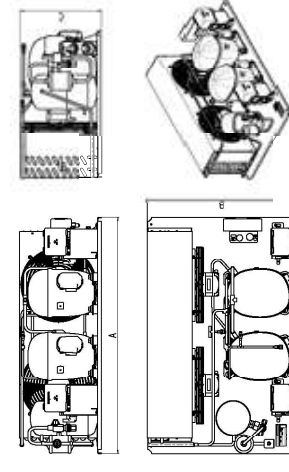
DWG31



DWG34



DWG36

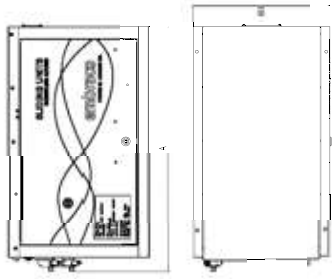


### EXTERNAL VIEWS - UGNJ - UGNT - GEMINI UNITS

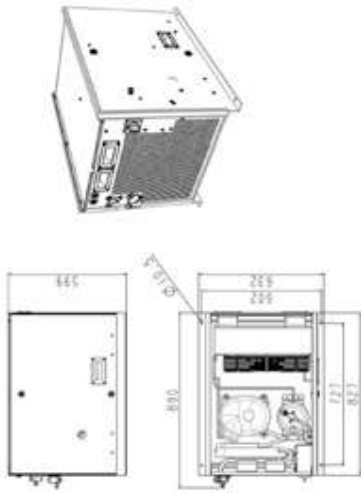


## EXTERNAL VIEWS SLIDING UNIT

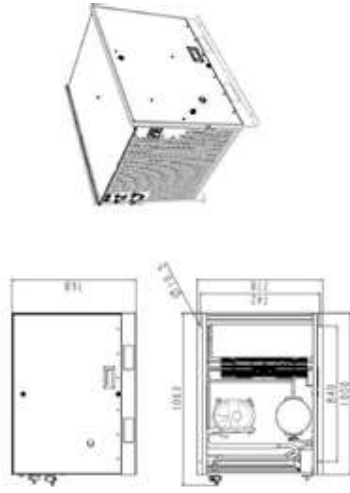
DWG37



DWG39



DWG38

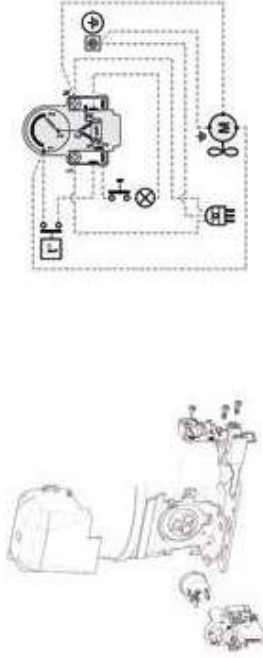


## WIRING DIAGRAMS KEY

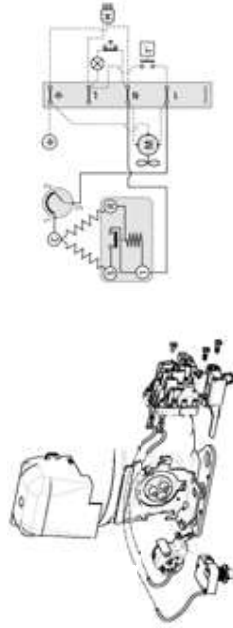
	OVERLOAD PROTECTOR	Ⓒ	COMMON (INTERNAL OVERLOAD PROTECTOR)
	START RELAY	Ⓔ	START
	START CAPACITOR	Ⓒ	COMMON
	RUN CAPACITOR	Ⓓ	RUN
	FAN MOTOR	Wh	WHITE CABLE
	THERMOSTAT	Blk	BLACK CABLE
	THERMOSTAT	YG	YELLOW-GREEN CABLE
	EARTH CONNECTION	Br	BROWN CABLE
	TERMINAL BLOCK	Bl	BLUE CABLE
	LAMP	Rd	RED CABLE
	PUSH BUTTON		
	LOW-HIGH PRESSURE SWITCH		

### WIRING DIAGRAMS

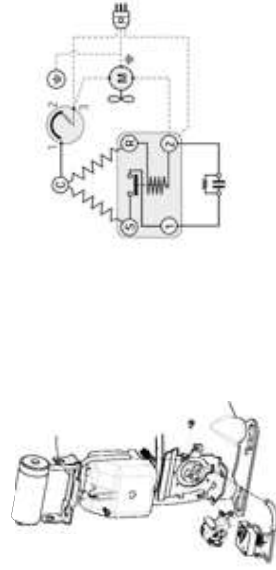
SM00 - UEMT SERIE RSIR CORD ANCHORAGE & PTC



SM03 - UNE SERIE RSIR TERMINAL BOARD

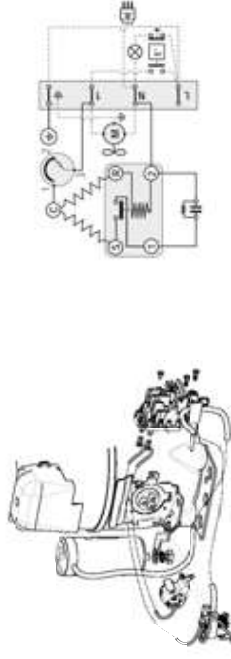


SM04 - UNE SERIE CSIR AMERICAN VERSION

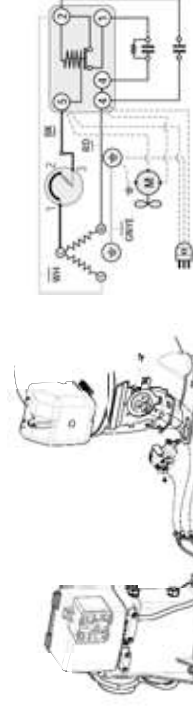


### WIRING DIAGRAMS

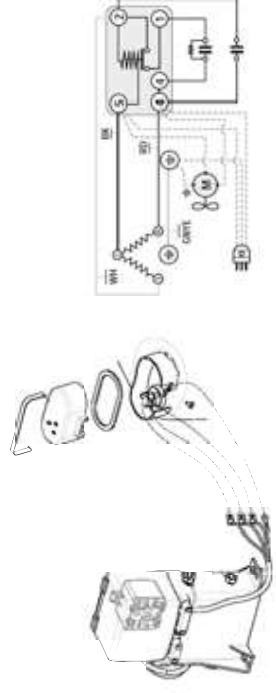
SM05 - UEMT, UNE SERIE CSIR TERMINAL BOARD



SM06 - UNE, UNT SERIE CSIR BOX

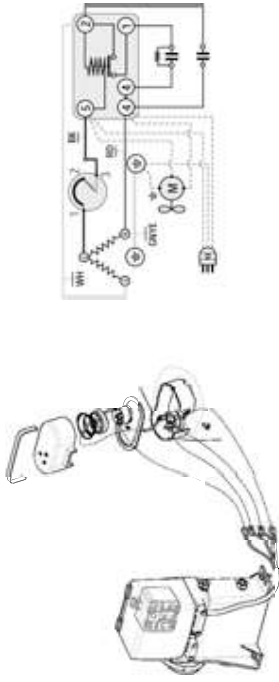


SM16 - UNJ SERIE - CSIR BOX (Internal Overload Protector)

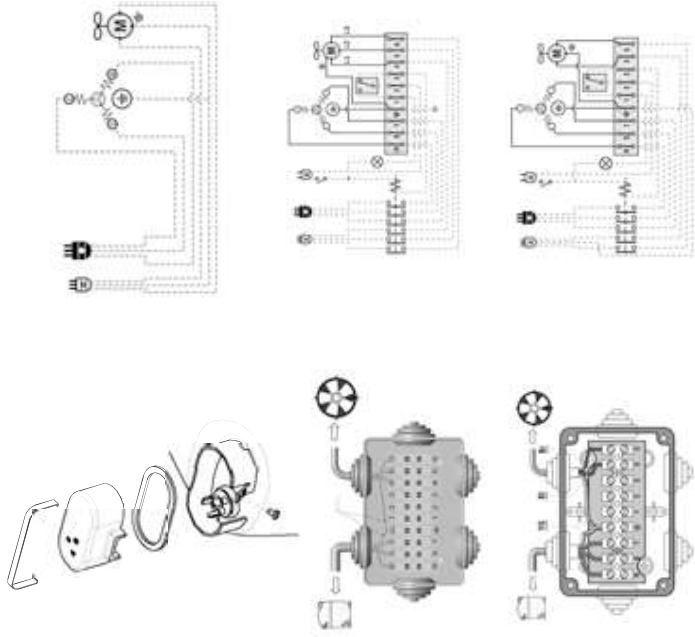


### WIRING DIAGRAMS

SM017 - UNJ SERIE CSR BOX (External Overload Protector)

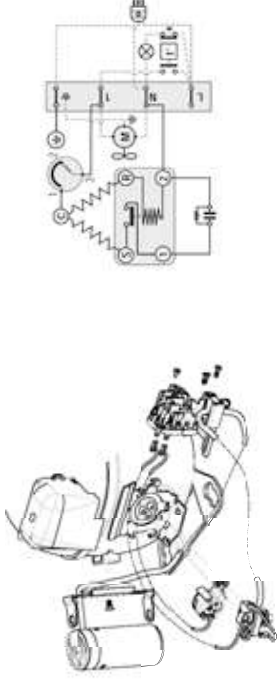


SM18 - UNJ SERIE - 3-PHASE (Internal Overload Protection)

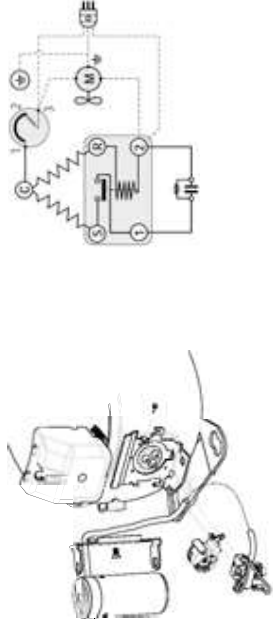


### WIRING DIAGRAMS

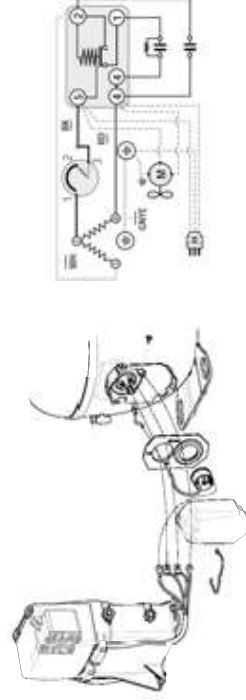
SM19 - UNT SERIE CSR TERMINAL BOARD



SM20 - UNT SERIE CSR AMERICAN VERSION

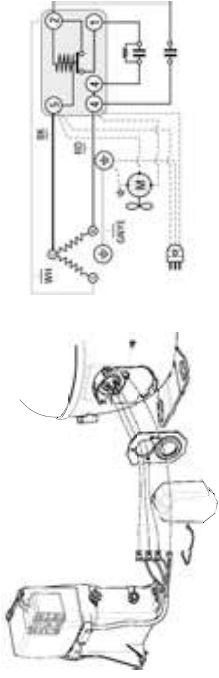


SM21 - UNT SERIE CSR BOX

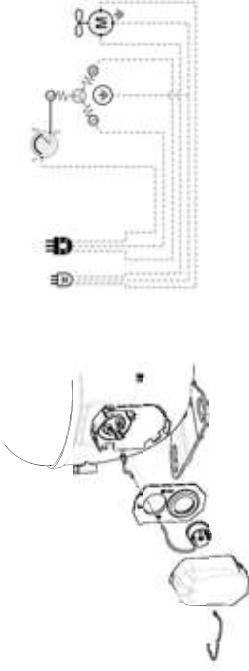


## WIRING DIAGRAMS

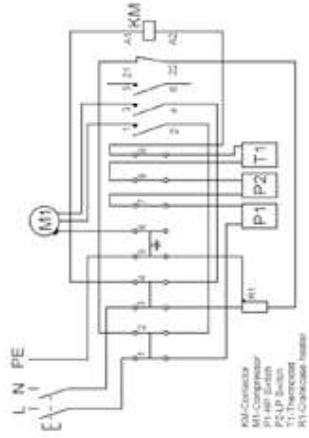
SM26 - NT SERIES CSR BOX (Internal Overload Protector)



SM27 - NT SERIES 3-PHASE (Internal + External Overload Protector)

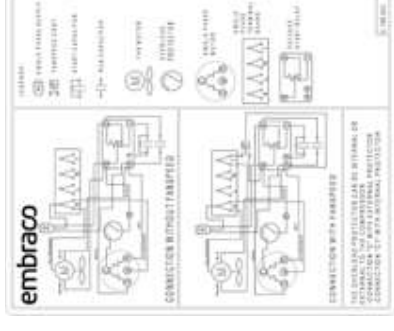


SM28 - SLIDING UNIT CONNECTION

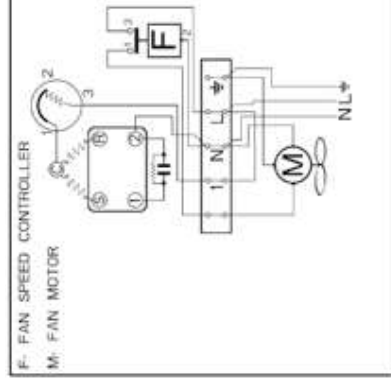


## WIRING DIAGRAMS

SM29 - SLIDING UNIT CSR



SM30 - SLIDING UNIT CSIR WITH FAN SPEED



# LOCATIONS



**BRAZIL**  
 Rui Barbosa, 1020 - P.O. BOX 91  
 89219-901 - Joinville - SC - Brazil  
 Phone: +55 47 3441-2121  
 Fax: + 55 47 3441-2780



**CHINA**  
 29 Yuhua Road  
 Area B of Beijing Tiangzhu Airport Industrial Zone  
 101312 - Beijing - China  
 Phone: +86 10 8048-2255  
 Fax: +86 10 6725-6825



**ITALY**  
 Via Pietro Andriano, 12  
 10020 - Riva Presso Chieri (Torino) - Italy  
 P.O. BOX 151 - 10023 Chieri (TO)  
 Phone: +39 011 943-7111  
 Fax: +39 011 946-8377  
 +39 011 946-9950



**MÉXICO**  
 Avenida de las Industrias 501 PMSA  
 Oriente Apodaca  
 Nuevo León - México  
 Phone: +52 81 4780-6700



**RUSSIA**  
 BC Lotos  
 Office 13 - 5 floor, room III  
 Odesskaya st., 2 - Moscow 117638 - Russia  
 Phone: +7 495 640-7050  
 Fax: +7 495 640-7060  
 General manager : Mr. Vladimir Demyachenko



**SLOVAKIA**  
 Odomska Cesta, 2 - 052-01  
 Spišská Nová Ves - Slovakia  
 Phone: +42 153 417-2291  
 +42 153 417-2293  
 Fax: +42 153 417-2299



**U.S.A.**  
 1610 Satellite Blvd - Suite B  
 Duluth, GA 30097  
 Phone: +1 800 548-9498  
 Fax: +1 877 631-9016  
 Tech Support: +1 678 804-1374

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# GLOBAL PRESENCE

**CONTACT US:**  
marketing.europe@embraco.com

**SALES OFFICE:**  
Via Pietro Andriano, 12  
10020 – Riva presso Chieri (TO) - Italy

**embraco**