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GLOBAL PRESENCE

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embraco POWER **IN.** CHANGE **ON.**

Subject to alteration without previous notice - Code AME001EN - Date September 2012 - Version 01

embraco POWER IN. CHANGE ON.

EUROPE
COMMERCIAL PRODUCT LINE

R134a | R404A/R507 | R290 | R600a

All images used are for illustrative purposes only.

EMBRACO IN PILLS

EUROPE RANGE COMMERCIAL COMPRESSORS

COMPRESSOR SELECTION

GENERAL DATA AND PERFORMANCE

EXTERNAL VIEWS & WIRING DIAGRAMS

HIGH EFFICIENCY & GREEN SOLUTIONS
EMBRACO COMMERCIAL PRODUCT OVERVIEW

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.

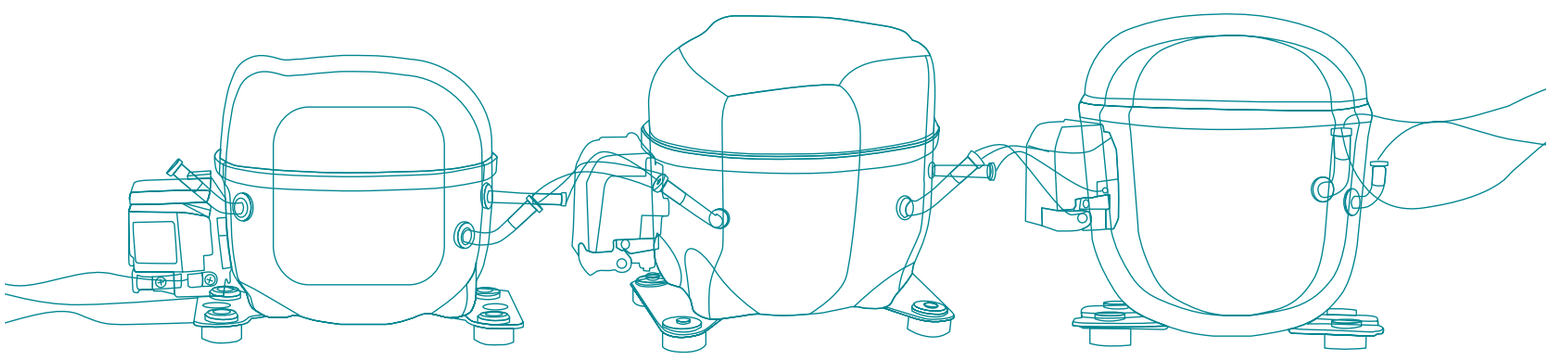
As a result of efforts to increase energy efficiency in our products, and to surpass our customers' highest expectations, we have developed **Embraco Fullmotion** – a compressor that varies the cooling capacity according to the need, providing a reduction in energy consumption up to 40%.

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.



Embraco Commercial Product Overview

EUROPE RANGE

EMT

NEK

NT

NJ

BRAZIL RANGE

EM

F

EG

CONDENSING UNIT

UEMT

UNEK

UNT

UNJ

VCC

VEM

VEG

VNEK

EUROPE RANGE

COMMERCIAL COMPRESSORS

EMT

Small Size

High Efficiency
Up to 1,36 w/w - LBP
Up to 2,82 w/w - M/HBP
50 Hz @rated point EN 12900

Global Platform

Low Noise ~2 dB(A) less
(If compared to the average noise of other models of the same range.)

Developed for: Refrigerators, Freezers and Bottle coolers.

Applications: **LBP, MBP/HBP**

Refrigerants: **R134a; R404A/R507; R600a; R290**

FAMILY	REFRIGERANT	COOLING CAPACITY* W				EFFICIENCY** W/W				DISPLACEMENT cc		HP		WEIGHT	HEIGHT
		LBP		MBP/HBP		LBP		MBP/HBP							
		MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN/MAX Kg	MIN/MAX mm
EMT	R134a	37	88	321	725	0,86	1,16	2,18	2,85	3,4	7,69	1/10	1/3+	7,1 - 7,8	158 - 166
	R404A	141	222	378	484	1,08	1,15	1,76	1,9	3,97	6,76				
	R290	123	198	343	485	1,12	1,24	1,96	2,05	3,97	6,76				
	R600a	45	118	244	588	0,98	1,36	2,2	2,82	3,97	12,21				

(*) (**) data @50 Hz EN12900 conditions

NEK

High Cooling Capacity at Low Evaporating Temperatures
NEW VALVE SYSTEM
to improve cooling capacity and efficiency.

High Efficiency Level
Up to 1,21 w/w - LBP
Up to 2,43 w/w - M/HBP
50 Hz @rated point EN 12900
NEW HEAD designed to decrese heat loss, low super heat mechanical losses, resulting in greater energy efficiency.

Better Performances
NEW PLASTIC SUCTION MUFFLER
To optimize acoustic and fluidynamic

Very Low Sound Level
NEW SHELL DESIGN
To improve high frequency noise.

Developed for: Freezers, Merchandisers, Ice makers

Applications: **LBP, MBP/HBP**

Refrigerants: **R134a; R404A/R507; R600a; R290**

FAMILY	REFRIGERANT	COOLING CAPACITY* W				EFFICIENCY** W/W				DISPLACEMENT cc		HP		WEIGHT	HEIGHT
		LBP		MBP/HBP		LBP		MBP/HBP							
		min	MAX	min	MAX	min	MAX	min	MAX	min	MAX	min	MAX	MIN/MAX Kg	MIN/MAX mm
NEK	R134a	93	217	663	1.377	0,85	1,16	1,96	2,46	7,28	16,8	1/4	3/4	10,4 - 11,6	187 - 206
	R404A	125	462	395	1.166	0,8	1,06	1,46	1,64	4,51	16,8				
	R290	109	427	402	1.558	0,85	1,21	1,73	1,94	4,52	16,8				
	R600a			489	805			2,28	2,43	9,99	16,8				

(*) (**) data @50 Hz EN12900 conditions

NT/NTU

New Design
NEW INTERNAL DESIGN
New Vertical Tubes Configuration
New Universal base plate

High Efficiency
Up to 1,23 w/w - LBP
Up to 2,11 w/w - M/HBP
50 Hz @rated point EN 12900

Better Performances

Low Sound and Vibration Level
NEW SUSPENSION SYSTEM
To improve high frequency noise.

Developed for: Reach in coolers, Merchandisers, Ice Makers, Beers Coolers.

Applications: **LBP, MBP/HBP**

Refrigerants: **R134a; R404A/R507; R290.**

FAMILY	REFRIGERANT	COOLING CAPACITY* W				EFFICIENCY** W/W				DISPLACEMENT cc		HP		WEIGHT	HEIGHT
		LBP		MBP/HBP		LBP		MBP/HBP							
		min	MAX	min	MAX	min	MAX	min	MAX	min	MAX	min	MAX	MIN/MAX Kg	MIN/MAX mm
NT	R134a			1246	2145			1,92	2,64	17,39	27,8	1/2	1 1/2	15,7 - 18,3	207 - 250
	R404A	354	719	891	2426	0,89	1,07	1,5	2,02	12,55	27,8				
	R290	400	689	952	1558	1,1	1,23	1,74	2,11	14,5	27,8				

(*) (**) data @50 Hz EN12900 conditions

NJ

Frame Breaker
Up to 33,4 cm³

High reliability and proved performances

Easy installation
Rotolock valve version

Low Sound and Vibration Level

Developed for: Walk-in Coolers, Merchandisers, Milk Coolers, Refrigerated Islands, GDM.

Applications: **LBP, MBP/HBP**

Refrigerants: **R134a; R404A/R507**

FAMILY	REFRIGERANT	COOLING CAPACITY* W				EFFICIENCY** W/W				DISPLACEMENT cc		HP		WEIGHT	HEIGHT
		LBP		MBP/HBP		LBP		MBP/HBP							
		MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN/MAX Kg	MIN/MAX mm
NJ	R134a	226	231	1975	2307	0,74		2,02	2,47	26,11	34,38	1	1 1/2	19,6 - 21,7	253 - 277
	R404A	585	809	1648	2506	0,85	1,06	1,59	1,9	21,71	34,37				

(*) (**) data @50 Hz EN12900 conditions

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.

MBP
(Medium Back Pressure)
Medium evaporating temperatures (higher than -20 °C);
Applications:
fresh food cabinets, drink coolers, ice makers etc.

M/HBP
(Medium / High Back Pressure)
Evaporating temperatures between -20°C and +10°C;
Applications: coolers, merchandisers, etc

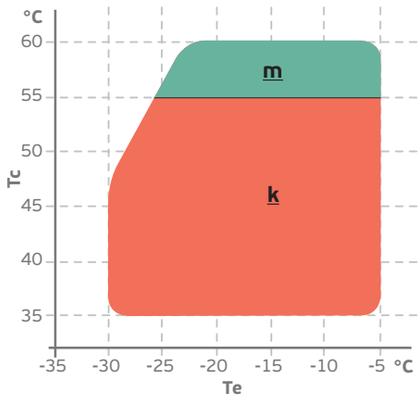
HBP
(High Back Pressure)
High evaporating temperatures (higher than -15 °C)
Applications: fresh food cabinets, ice makers, dehumidifiers. dryers,etc.

TEST CONDITIONS (RATING POINT)	APPLICATION	EVAPORATING TEMPERATURE C°	CONDENSING TEMPERATURE C°	GAS RETURN TEMPERATURE C°	SUBCOOLING	COMPRESSOR AMBIENT TEMPERATURE C°
EN 12900	LBP	-35°	40°	20° (*)	NO SUBCOOLING	32°
	MBP	-10°	45°	20° (*)		
	HBP	+5°	50°	20° (*)		
ARI 540	LBP	-23,3°	48,9°	4,4°	NO SUBCOOLING	35°
	MBP	-6,7°	48,9°	4,4°		
	HBP	+7,2	54,4°	18,3°	8,3 K	
ASHRAE SUBCOOLED	LBP	-23,3°	54,4°	32,2°	22,2 K	32,2°
	M/HBP	7,2°	54,4°	35°	8,3 K	35°
CECOMAF	LBP	-25%	55°	32°	NO SUBCOOLING	32°

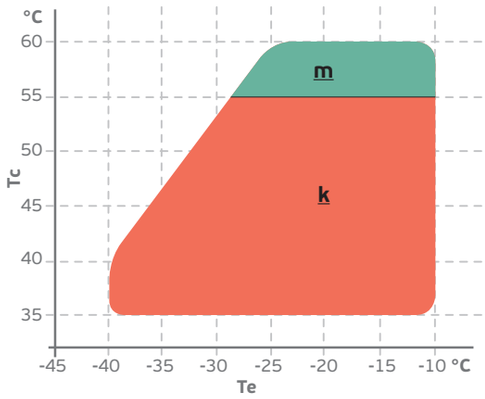
(*) for EMT, NE/NEK return gas temperature 32°C

Operating Envelope

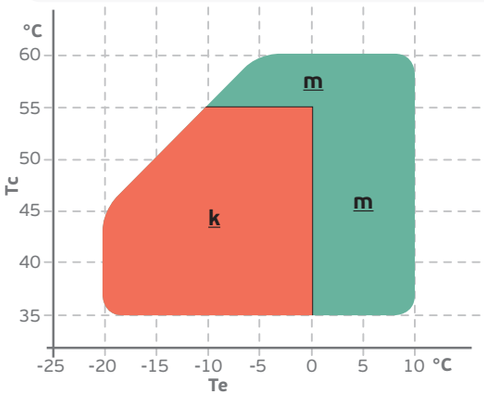
1- REFRIGERANT R134a - R600a APPLICATION LBP



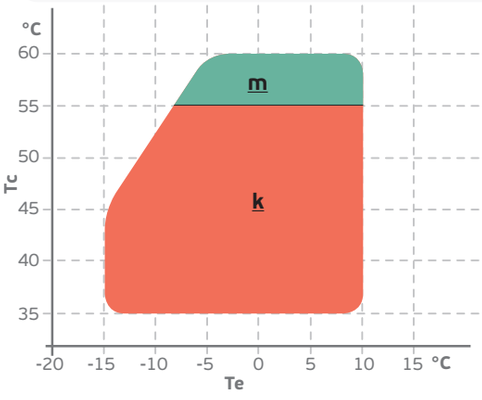
2- REFRIGERANT R404A - R507 - R290 APPLICATION LBP



3- REFRIGERANT R404A - R507 - R290 APPLICATION MBP



4- REFRIGERANT R134a - R600a APPLICATION HBP



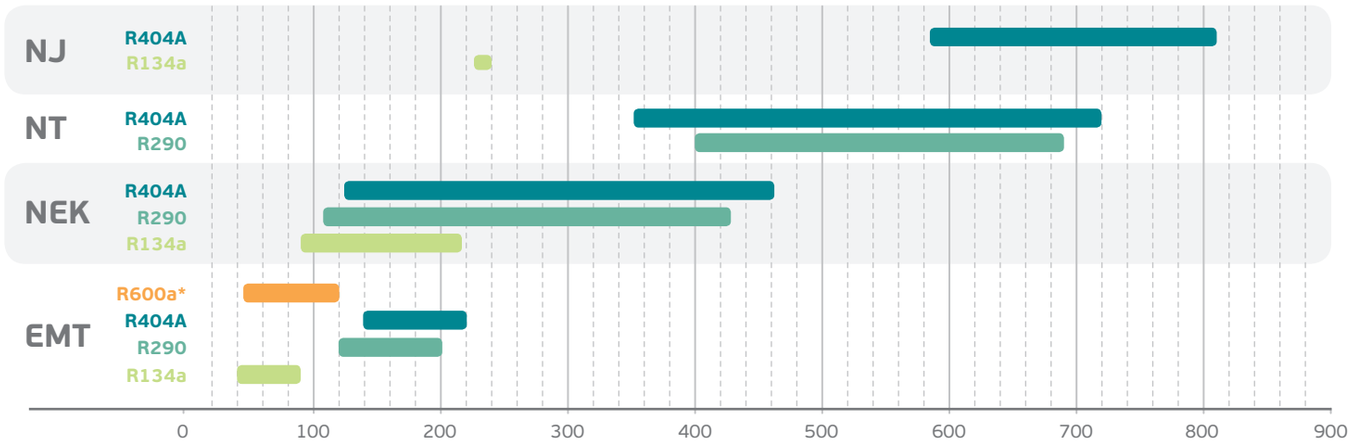
Tc - Condensing Temperature | **k** - Ambient 32ºC and return gas 20ºC
Te - Evaporating Temperature | **m** - Ambient 32ºC and return gas 20ºC (for transitory period)

PLEASE NOTE: the use of the compressor outside the intended working range cannot make use of the warranty.

Cooling Capacity Range

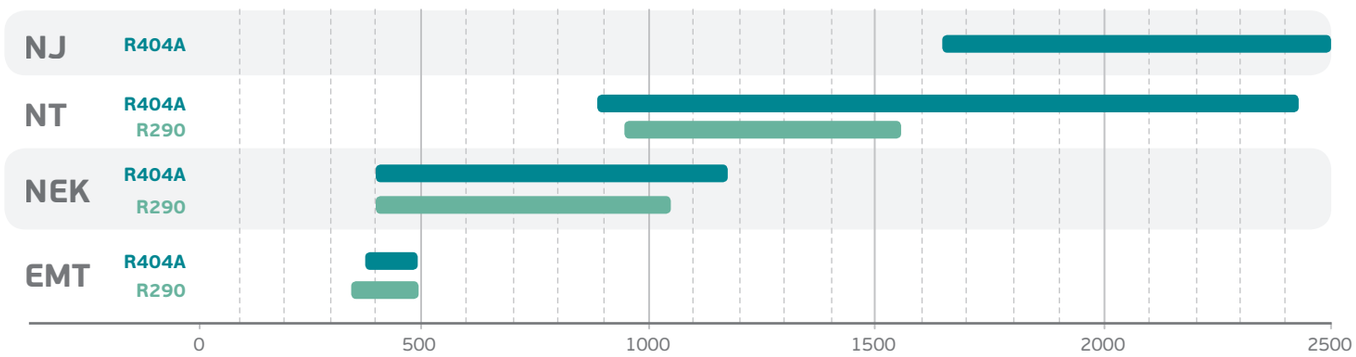
50 HZ RANGE (EN 12900)

LBP - Cooling capacity [W]

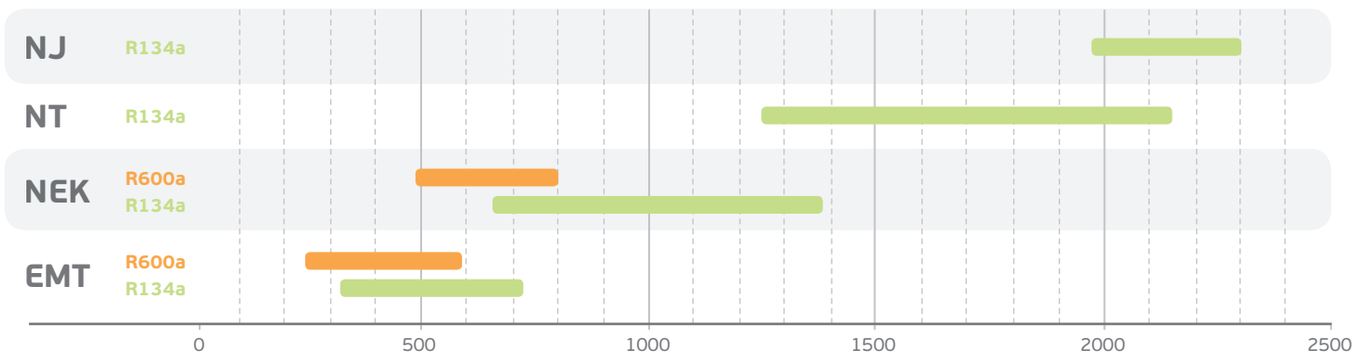


*EN12900 HOUSEHOLD

MBP - Cooling capacity [W]

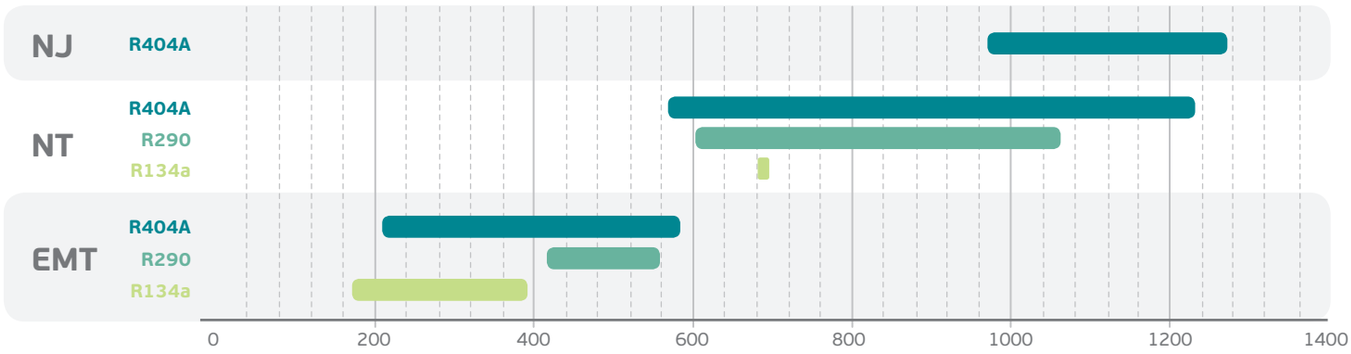


HBP - Cooling capacity [W]

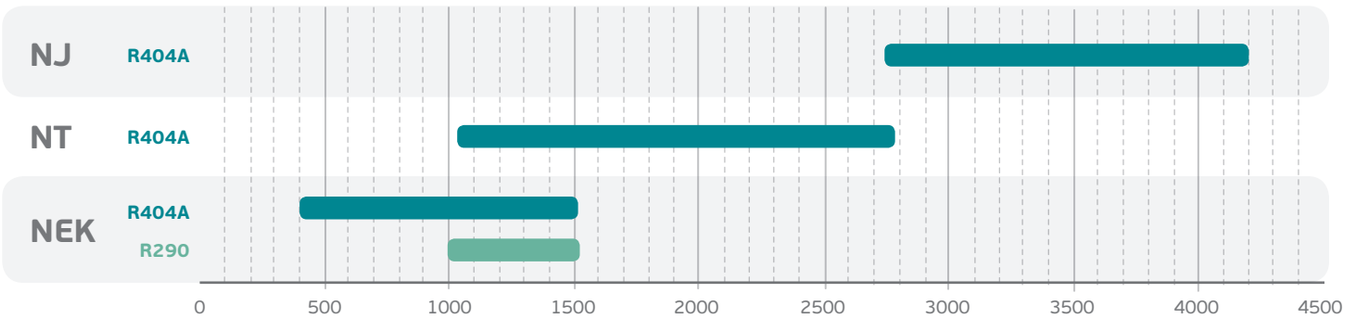


Cooling Capacity Range
60 HZ RANGE (ARI)

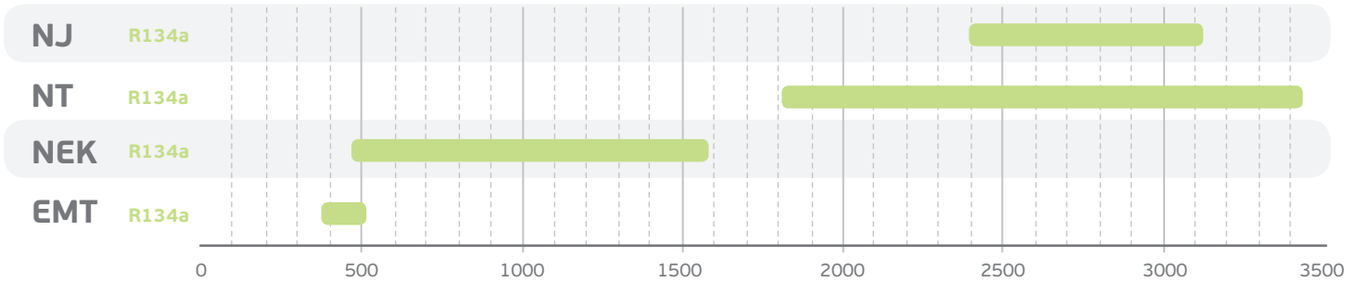
LBP - Cooling capacity [W]



MBP - Cooling capacity [W]



HBP - Cooling capacity [W]



Product Maps 50Hz
COMPRESSOR PRODUCT MAP 50 Hz/DUAL FREQUENCY/3Ø

50Hz 50-60Hz	R134a								R404A / R507							
	LBP	VOLT. FREQ.	COOL. CAP. [W]	DISPL. [cc]	HBP	VOLT. FREQ.	COOL. CAP. [W]	DISPL. [cc]	LBP	VOLT. FREQ.	COOL. CAP. [W]	DISPL. [cc]	MBP	VOLT. FREQ.	COOL. CAP. [W]	DIS [c
EM	EMT22HLP	A	39	3,00	EMT37HDP	A / B	324	3,40	EMT2117GK	A	141	4,50	EMT6144GK	A	380	3,
	EMT36HLP	A	58	3,97	EMT45HDR	A	375	3,97	EMT2121GK	A	174	5,19	EMT6152GK	A	424	4,
	EMT43HLP	A	71	4,85	EMT50HDP	A / B	430	4,50	EMT2125GK	A	204	5,96	EMT6165GK	A	485	5,
	EMT49HLP	A	83	5,19	EMT6144Z	A	520	5,19	EMT2130GK	A	222	6,76				
	EMT60HLP	A	98	6,76	EMT6160Z	A	662	6,76								
					EMT6170Z	A	730	7,69								
					EMTE6187Z	A	786	2,31								
NE NEK	NEK1116Z	A	97	7,37	NEK6160Z	A / B	633	7,28	NEK2117GK	A	125	4,51	NEK6144GK	A	550	4,
	NEK2116Z	A	93	7,37	NEK6170Z	A / B	740	8,39	NEK2121GK	A	151	5,44	NEK6165GK	A	743	6,
	NEK1118Z	A	111	8,39	NEK6187Z	A / B	855	9,99	NEK2125GK	A	182	6,20	NEK6181GK	A	841	7,
	NE1121Z	A / N	127	9,26	NEK6210Z	A / B	1.096	12,11	NEK2130GK	A	213	7,37	NEK6210GK	A / N	1.005	8,
	NEK1121Z	A	123	9,26	NEK6212Z	A / B	1.143	14,28	NEK2134GK	A / N	248	8,77	NEK6213GK	A	1.337	12,
	NE2121Z	A / N	126	9,26	NEK6214Z	A	1.314	16,80	NEK2150GK	A	329	12,11	NEK6217GK	A / N	1.164	
	NE1130Z	A / N	163	12,11					NEK2168GK	A	378	14,28				
	NE2130Z	A / N	173	12,11					NEK2172GK	C	819	16,80				
	NE2134Z	A	181	14,28												
	NEK2140Z	A	217	16,80												
NT NTU					NT6215Z	C / N	1.405	17,39	NT2168GK	N (CSIR)	330	14,50	NT6217GK	A / N (CSIR)	960	12,
					NT6217Z	A / N	1.619	20,44	NT2168GK	N (CSR)	354	14,50	NT6217GK	A / N (CSR)	891	12,
					NT6220Z	N	1.744	22,37	NT2168GS	R	412	14,50	NT6220GK	N (CSIR)	1.080	14,
					NTU6222ZV	A	2.117	23,70	NT2178GK	N / A (CSIR)	416	17,39	NT6220GK	N (CSR)	1.096	14,
					NTU6224ZV	A	2.582	27,80	NT2178GK	C / A (CSR)	441	17,39	NT6222GK	A (CSIR)	1.338	17,
									NT2180GK	A (CSIR)	488	20,44	NT6222GK	A / N (CSR)	1.307	17,
									NT2180GK	A (CSR)	530	20,44	NT6224GK	A (CSR)	1.391	20,
									NT2192GK	A (CSIR)	568	22,37	NT6226GK	A (CSIR)	1.725	22,
									NT2192GK	A (CSR)	565	22,37	NT6226GK	A (CSR)	1.752	22,
									NT2192GS	R	639	22,40	NTU6232GKV	A	1.757	20,
									NT2212GK	A (CSIR)	710	27,80	NTU6234GKV	A	2.091	23,
									NT2212GS	R	823	27,80	NTU6238GKV	A	2.288	26,
									NT2210GK	A	t.b.c.	26,20	NTU6240GKV	A	2.427	27,
NJ	NJ2152Z	A	226	27,16	NJ6220Z	A	2.056	26.11	NJ2192GK	A	588	26,11	NJ9226GK	V	1.940	21,
					NJ6220ZX	M	2.148	26.11	NJ2192GS	M	739	26,11	NJ9226GS	M	1.660	21,
					NJ6226Z	A	2.403	34.38	NJ2212GK	A	770	34,37	NJ9232GK	A	2.054	26,
					NJ6226ZX	M	2.510	34.38	NJ2212GS	M	1.012	34,38	NJ9232GS	M	2.054	26,
													NJ9238GK	V	2.466	32,
													NJ9238GS	M	2.466	32,

* @ rated point EN12900 Household

Cool. Cap. EN12900 / Rated Point

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

		R290								R600a							
DL. P.]	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]
0	3,97	**EMT1117U**	A	123	4,5	**EMT6144U**	A	343	4,50	**EMY20CLC***	A	47	3,97	**EMT30CDP**	A	232	4,50
4	4,50	**EMT1121U**	A	159	5,57	**EMT6152U**	A	418	5,20	**EMY26CLC***	A	62	5,19	**EMU5125Y**	A	244	4,50
5	5,19	**EMT1125U**	A	177	5,96	**EMT6165U**	A	485	5,96	**EMT26CLP***	A	62	5,20	**EMT45CDP**	A	346	6,76
		EMT1130U	A	198	6,76	**EMTE6181U**	A	697	2,77	**EMY32CLC***	A	73	5,96	**EMU5132Y**	A	358	6,76
		EMT2117U	A	123	4,5					**EMT32CLP***	A	71	5,96	**EMT6144Y**	A	486	9,04
		EMT2121U	A	159	5,57					**EMY40CLC***	A	91	7,23	**EMT6160Y**	A	588	11,14
		EMT2125U	A	177	5,96					**EMT40CLP***	A	91	7,23				
		EMT2130U	A	196	6,76					**EMY46CLC***	A	102	7,96				
		EMTE2134U	A	265	1,31					**EMT46CLP***	A	102	7,96				
										EMY55CLP*	A	112	9,04				
										EMT56CLP*	A	118	9,04				
										EMX70CLC*	A	143	11,14				
										EMX80CLC*	A	165	12,23				
0	4,51	**NEK2117U**	A	117	4,51	**NEK6152U**	A	403	5,45					**NEK6144Y**	A	541	9,99
3	6,20	**NEK1121U**	A	176	6,20	**NEK6165U**	A	478	6,20					**NEK6160Y**	A	667	12,11
1	7,28	**NEK2121U**	A	174	6,20	**NEK6181U**	A	531	7,28					**NEK6170Y**	A	721	14,30
05	8,77	**NEK2125U**	A	202	7,28	**NEK6210U**	A	654	8,77					**NEK6187Y**	A	837	16,80
37	12,11	**NEK2134U**	A	271	9,99	**NEK6213U**	A	881	12,12								
	14,28	**NEK1150U**	A	365	13,54	**NEK6217U**	A	1.019	14,28								
		NEK2150U	A	354	13,54												
		NEK2160U	A	467	16,80												
0	12,55	**NT2160U**	A (CSIR)	394	17,39	**NT6217U**	A (CSIR)	894	14,50								
1	12,55	**NT2160U**	A (CSR)	402	17,39	**NT6220U**	A (CSIR)	1.147	17,40								
80	14,50	**NT2170U**	A (CSIR)	478	20,44	**NT6220U**	A (CSR)	1.134	17,40								
96	14,50	**NT2170U**	A (CSR)	480	20,44	**NT6222U**	A (CSIR)	1.317	20,44								
38	17,39	**NT2180U**	A (CSIR)	545	22,37	**NT6222U**	A (CSR)	1.352	20,44								
07	17,39	**NT2180U**	A (CSR)	547	22,37	**NT6224U**	A	1.502	22,40								
91	20,44	**NT2210U**	A (CSR)	656	27,80												
25	22,37																
52	22,37																
57	20,44																
91	23,70																
88	26,20																
27	27,80																
40	21,70																
60	21,70																
54	26,20																
54	26,20																
66	32,70																
66	32,70																

Product Maps 60Hz
COMPRESSOR PRODUCT MAP 60Hz

60Hz	R134a								R404A / R507							
	LBP	VOLT. FREQ.	COOL. CAP. [W]	DISPL. [cc]	HBP	VOLT. FREQ.	COOL. CAP. [W]	DISPL. [cc]	LBP	VOLT. FREQ.	COOL. CAP. [W]	DISPL. [cc]	MBP	VOLT. FREQ.	COOL. CAP. [W]	DIS [c
NE NEK	NEK2116Z	G	171	7,37	NEK6132Z	G	432	4,51	NEK2117GK	G	169	4,51	NEK6144GK	G	400	4,
	NE2121Z	G	208	9,26	NEK6144Z	G	532	5,44	NEK2121GK	G	211	5,44	NEK6152GK	G	481	5,
	NE2130Z	G	274	12,11	NEK6160Z	G	744	7,28	NEK2125GK	G	287	6,20	NEK6165GK	G	557	6,
	NE2134Z	G / D	331	14,28	NEK6170Z	G	745	8,39	NEK2134GK	G / D	390	8,77	NEK6181GK	G / D	610	7,
	NEK2140Z	G	390	16,80	NEK6170Z	B	856	8,39	NEK2150GK	G	491	12,11	NEK6210GK	G / D	777	8,
					NEK6187Z	G	991	9,99	NEK2150GK	G / D	500	12,11	NEK6213GK	G / D	1.032	12
					NEK6210Z	G / B	1.173	12,11	NEK2168GK	G / D	577	14,28				
					NEK6212Z	G / B	1.361	14,28								
					NEK6214Z	G / B	1.525	16,80								
NT	NT2152Z	G	603	26,21	NT6215Z	G / D	1.762	17,39	NT2168GK	G / D	580	14,50	NT6217GK	G / D	1.115	12
					NT6217Z	G / D	1.982	20,44	NT2178GK	G / D	790	17,39	NT6220GK	G / D	1.283	14
					NT6220Z	G / D	2.152	22,37	NT2180GK	G / D	879	20,44	NT6222GK	G / D	1.569	17
					NTU6222ZV	G / D	2.627	23,74	NT2192GK	G / D	943	22,40	NT6224GK	G / D	1.859	20
					NTU6224ZV	G / D	3.059	27,80	NT2212GK	G / D	1230	27,80	NT6226GK	G / D	1.985	22
													NTU6232GKV	G / D	2.101	20
													NTU6234GKV	G / D	2.477	23
													NTU6238GKV	D	2.748	26
													NTU6240GKV	D	2.860	
NJ					NJ6220Z	G / D	2.160	26,11	NJ2192GK	G / D	1.023	26,11	NJ9226GK	D	2.742	21
					NJ6220ZX	M	2.159	26,11	NJ2192GS	M	1.023	26,11	NJ9226GS	M	2.811	21
					NJ6226Z	D	2.364	34,38	NJ2212GK	G / D	1.236	34,37	NJ9232GK	D	3.479	26
					NJ6226ZX	M	2.523	34,38	NJ2212GS	M	1.236	34,37	NJ9232GS	M	3.488	26
													NJ9238GK	J	3.848	32
													NJ9238GS	M	4.168	32

Cool. Cap. **ARI / Rated Point**

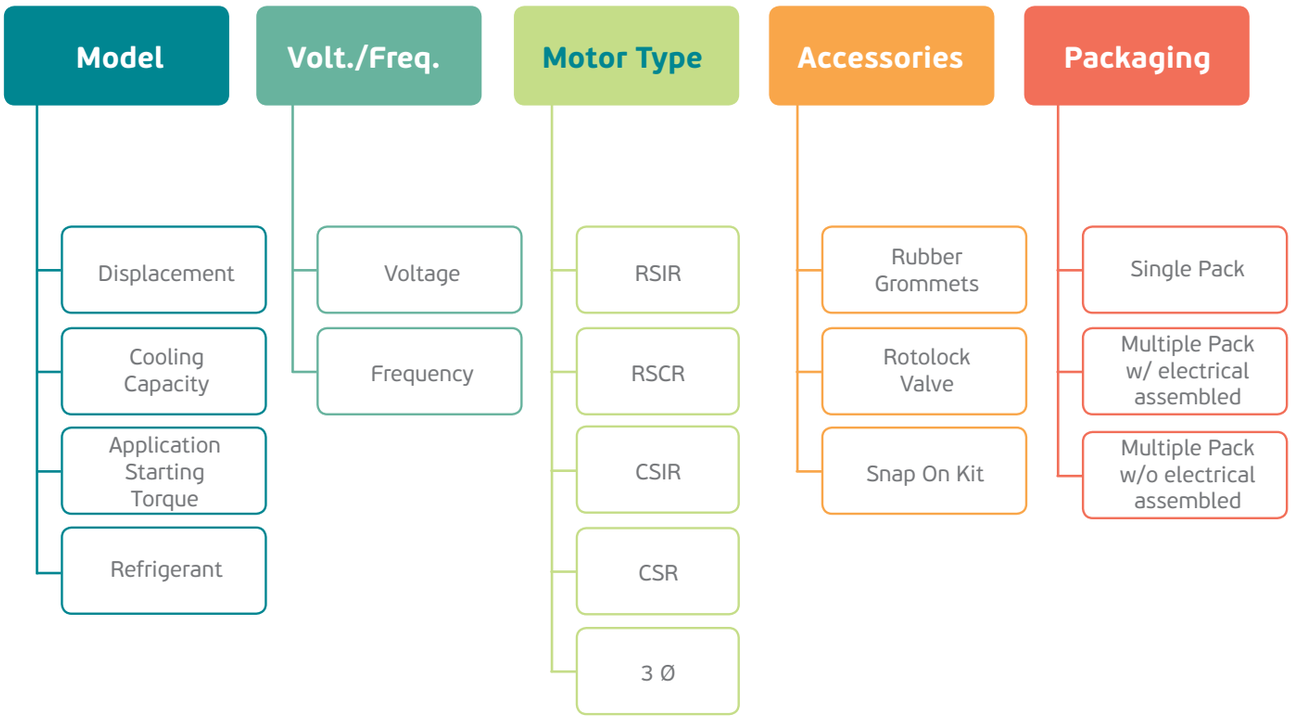
Volt./Freq.
B 208-230V/60Hz 1~ D 208-230V/60Hz 1~ G 115V/60Hz 1~ J 230V/60Hz 1~ M 440-480V/60Hz 3~

		R290							
L. P.]	DISPL. [cc]	LBP	VOLT. FREQ.	COOL. CAP. [W]	DISPL. [cc]	M/HBP	VOLT. FREQ.	COOL. CAP. [W]	DISPL. [cc]
00	4,51	**NEK2134U**	G	419	10,00	**NEK6213U**	G	998	12,11
31	5,44	**NEK2150U**	G	558	13,54				
57	6,20								
10	7,28								
77	8,77								
032	12,11								
.15	12,60	**NT2160U**	G / D	638	17,39	**NT6217U**	G	u.d.	u.d.
283	14,50	**NT2170U**	D	672	20,44	**NT6222U**	G	1.522	20,44
569	17,40	**NT2180U**	G		22,4	**NT6224U**	D	u.d.	u.d.
359	20,40	**NT2210U**	G / D	1051	27,8				
985	22,40								
.01	20,44								
477	23,74								
748	26,21								
0	27,80								
742	21,71								
311	21,71								
479	26,11								
488	26,11								
948	32,70								
.68	32,70								

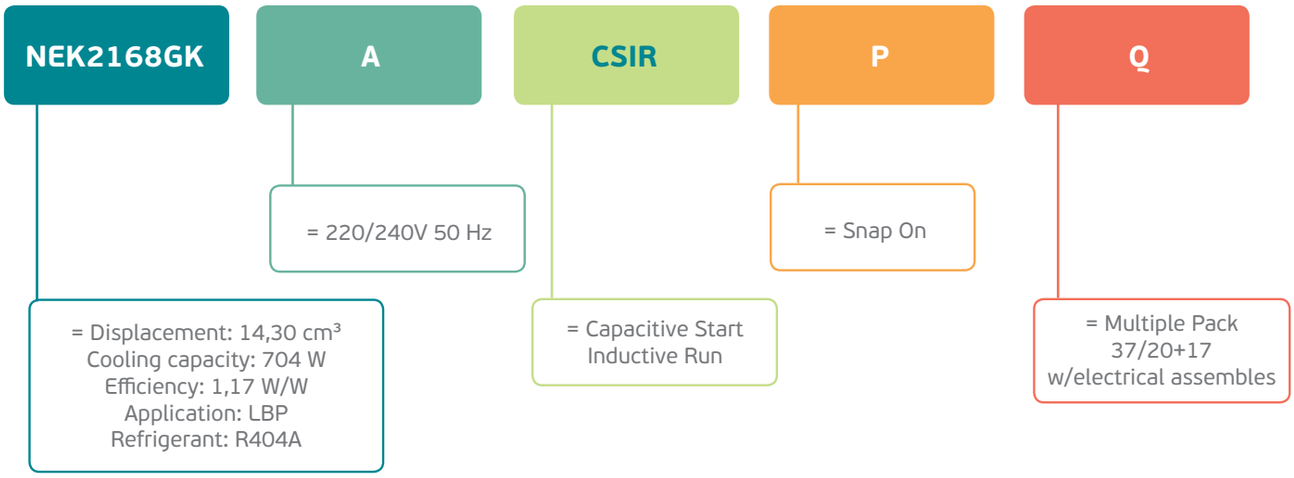
COMPRESSOR SELECTION

HOW TO ORDER YOUR COMPRESSOR

Ordering Code



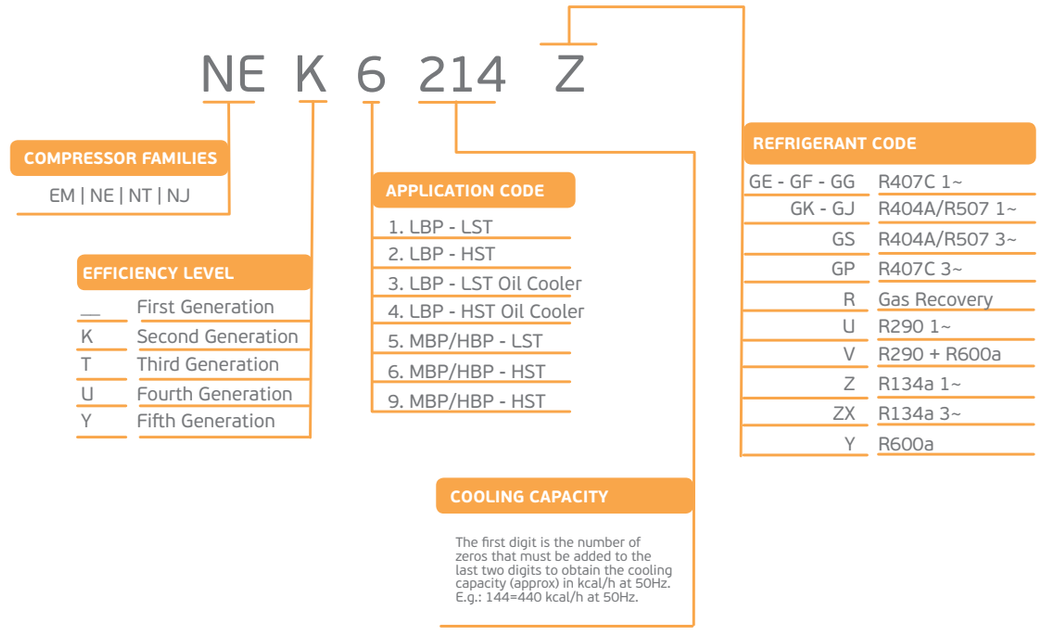
Example:



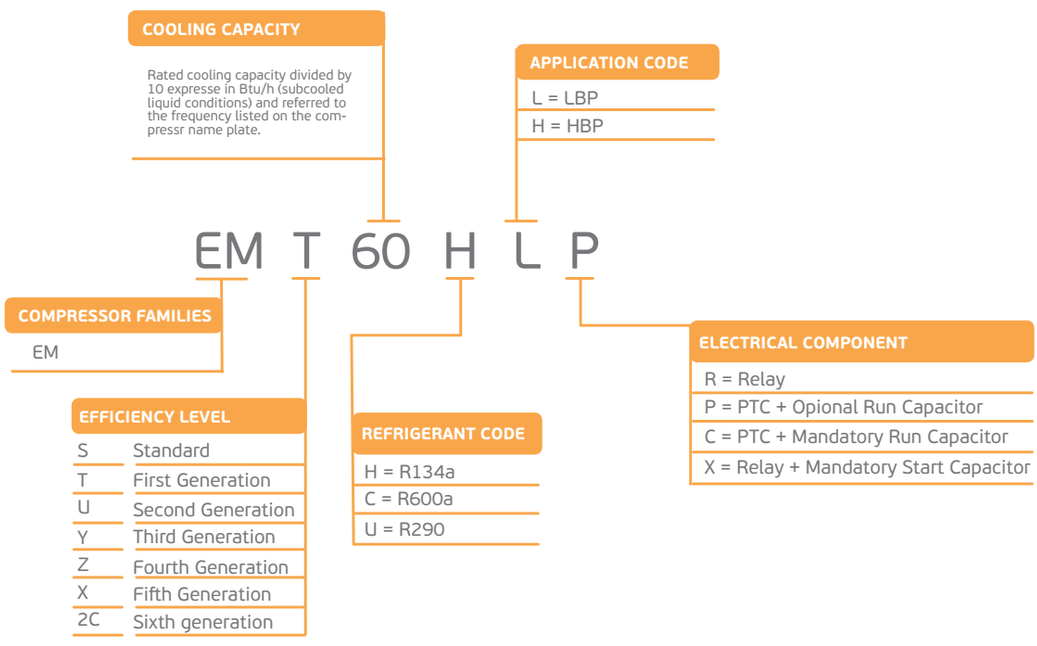
NOTE: not all combination are possible

Nomenclature

EM/NE/NT/NJ



EM



Families

FAMILIES	LBP				MBP				HBP			
	R134a	R404A	R290	R600a	R134a	R404A	R290	R600a	R134a	R404A	R290	R600a
EM	✓	✓	✓	✓	✗	✓	✓	✗	✓	✗	✗	✓
NEK	✓	✓	✓	✗	✗	✓	✓	✗	✓	✗	✗	✓
NT	✓	✓	✓	✗	✗	✓	✓	✗	✓	✗	✗	✗
NJ	✓	✓	✗	✗	✗	✓	✗	✗	✓	✗	✗	✗

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
J	230V/60Hz 1 ~		207V-253V		195V
K	200-220V/50Hz 1 ~	180V-234V		170V	
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
R	200V/50-60Hz 3 ~	180V-220V	180V-220V	170V	170V
V	230V/50Hz 1 ~	207V-253V		195V	
Z	200-230V/60Hz 1 ~		180V-244V		170V

Fan Coolers Characteristic

FREE AIRFLOW	m^3/h	COMPRESSOR
	270	EMT
	520	NEK - NT
	800	NJ

Cooling Type

S **Static Cooling:**
the compressor does not require forced cooling, but it must be installed so that the ambient air can adequately cool to avoid overheating

F **Fan Cooling:**
the compressor requires forced cooling through the use of a fan

Electrical motor starting torque

LST

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

HST

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

Electrical motor types

RSIR

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

RSCR

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

CSIR

Capacitive Start – Inductive Run
Similar to RSIR motor, 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

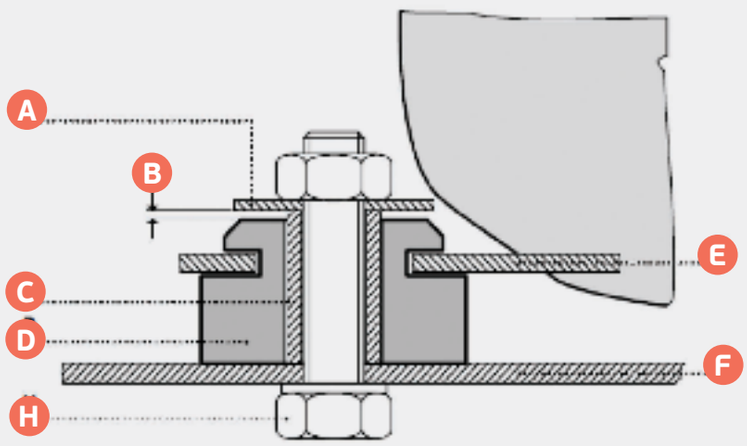
Motor Type	Overload Protector	Starting Device			Capacitors	
		Current Relay	Voltage Relay	PTC	Start	Run
RSIR	✓	✓	✗	✓	✗	✗
RSCR	✓	✗	✗	✓	✗	✓
CSIR	✓	✓	✗	✗	✓	✗
CSR	✓	✗	✓	✗	✓	✓
PSC	✓	✗	✗	✗	✗	✓

Accessories & Options

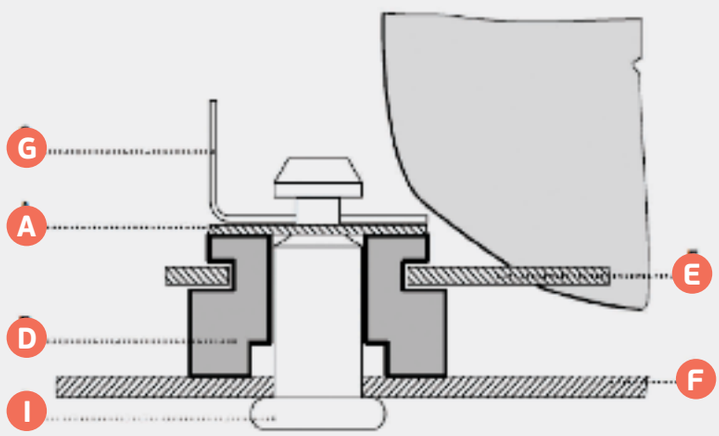
ACCESSORIES & OPTIONS	EMT	NEK	NT	NJ
A	Only Rubber Grommets	Only Rubber Grommets	Only Rubber Grommets	Only Rubber Grommets
P	snap-on kit	snap-on kit	×	×
V	×	×	×	Rotolock Valve Mechanical
Z	×	×	×	Rotolock Valve Solder

Assembling Accessories

A. RUBBER GROMMET



P. SNAP ON

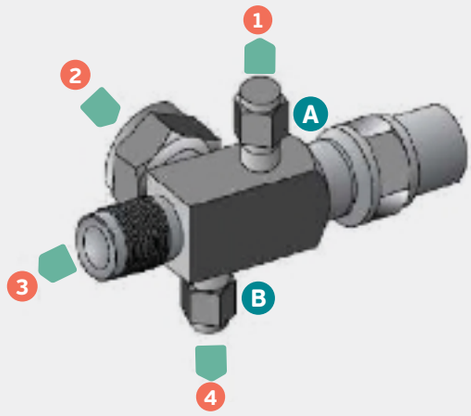


Rubber Grommets Assembling Process:

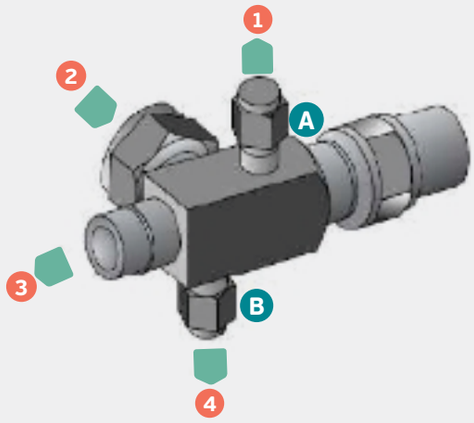
- A Washer
- B Gap
- C Sleeve
- D Grommets
- E Base Plate
- F Mounting Base
- G Clip
- H Screw M& (M8)
- I Pin

Rotolock Valve

V. MECHANICAL CONNECTION



Z. SOLDERED CONNECTION

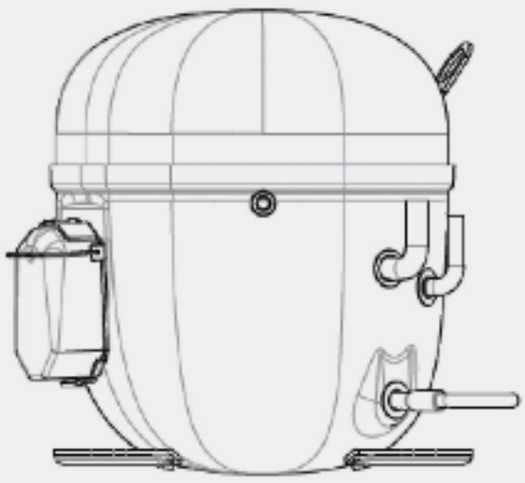


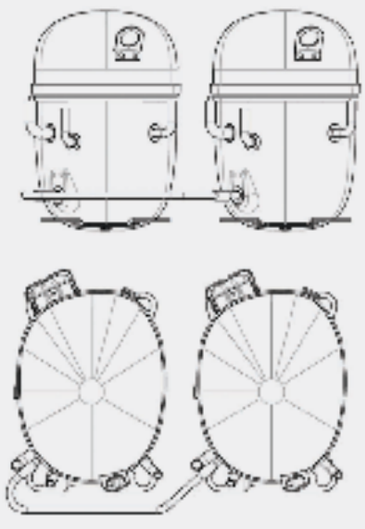
1 Attachement for service or for a manometer
2 Connection to the receiver or to the compressor
3 Main port
4 Connections for pressure-stat

A & B Service caps (hexagonal nuts)

NT/NJ Gemini

Gemini is a product line that matches low noise and short height for typical semi-hermetic solution. Through an especial shape Embraco designed an hermetic light commercial compressors which can be embedded in appliances, considering individual or dual mode, it means a modular cooling capacity when demanded. These products are available in condensing units and also only compressors.





Packaging code

EMT

SINGLE MULTIPLE PACK	CODE	QTY COMPRESSORS	LAYERS	ELECTRICAL COMPONENTS		NOTES
				ASSEMBLED	NOT ASSEMBLED	
SINGLE PACK	A	70	14+14+14+14+14	✓	✗	excluded capacitor
MULTIPLE PACK	R	100	20+20+20+20+20	✗	✓	grommets and sleves delivered separately
	S	120	20+20+20+20+20+20	✗	✓	
	G	100	20+20+20+20+20	✓	✗	
	N	37	20+17	✓	✗	and accessories included
	O	74	20+20+20+14	✓	✗	and accessories included

NE/NEK

SINGLE MULTIPLE PACK	CODE	QTY COMPRESSORS	LAYERS	ELECTRICAL COMPONENTS		NOTES
				ASSEMBLED	NOT ASSEMBLED	
SINGLE PACK	A	56	14+14+14+14	✓	✗	excluded capacitor
	F	44	11+11+11+11	✗	✓	with electrical box inside pack
	J	56	14+14+14+14	✓	✗	including capacitor
MULTIPLE PACK	H	28	14+14	✓	✗	with electrical box inside pack
	M	80	20+20+20+20	✗	✓	electricals packed in separate carton box
	N	40	20+20	✗	✓	electricals packed in separate carton box
	O	74	20+17+20+17	✓	✗	
	Q	37	20+17	✓	✗	

NT/NTU

SINGLE MULTIPLE PACK	CODE	QTY COMPRESSORS	LAYERS	ELECTRICAL COMPONENTS		NOTES
				ASSEMBLED	NOT ASSEMBLED	
SINGLE PACK	A	56	14+14+14+14	✓	✗	excluded capacitor
	F	44	11+11+11+11	✗	✓	with electrical box inside pack
MULTIPLE PACK	C	36	18+18	✗	✓	
	Z	24	12+12	✓	✗	

NJ

SINGLE MULTIPLE PACK	CODE	QTY COMPRESSORS	LAYERS	ELECTRICAL COMPONENTS		NOTES
				ASSEMBLED	NOT ASSEMBLED	
SINGLE PACK	A	33	11+11+11	✗	✓	excluded capacitor
	F	33	11+11+11	✗	✗	with electrical box inside pack
MULTIPLE PACK	C	36	18+18	✗	✓	
	Y	28	14+14	✓	✗	

Load Characteristics for 20' container

SERIES	FIRST LAYER PACK Nº - Nº COMP.	SECOND LAYER PACK Nº - Nº COMP.	THIRD LAYER PACK Nº - Nº COMP.	TOTAL Nº OF COMPRESSORS
EM	14 - 120	14 - 60	4	2.520
NEK 1	14 - 72	11 – 72 2	4	1.800
	14 - 72	13 – 73 2	4	1.944
NT 1	14 - 36	14 - 36	7 – 36 4	1.260
	14 - 72	14 - 36	4	1.512
NJ	14 - 36	11 - 36 2	4	900

1 The different load structure (1.800 or 1.944 NE/NEK series compressors - 1.260 or 1.512 NT compressors) is determined by the ratio between the maximum container weight and the compressor weight.

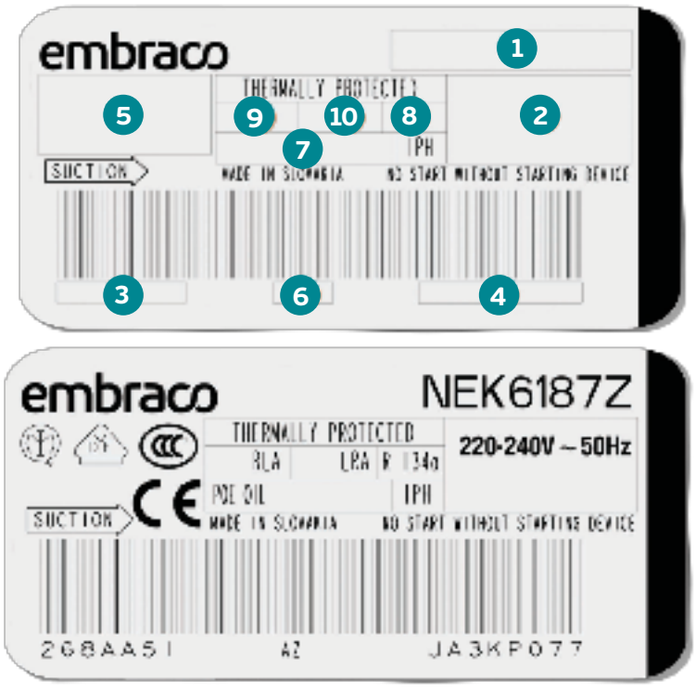
2 **No. 3** package filler is added (containing all the equipped components).

3 A package as filler packaging, containing part of the equipped components is added.

4 Type of load which is rarely used. To be avoided due to an incomplete 3rd layer. Packages are added containing the equipped components.

Identification Label

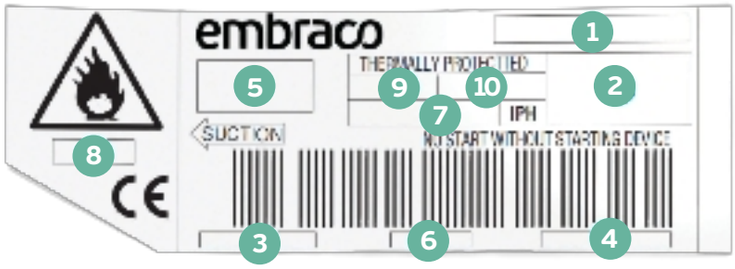
NEK/NT/NTU/NJ label



1. Compressor model
2. Supply Voltage
3. Bill of Materials code
4. Serial Number
5. Agency Approval Marks
6. Date code or Production date
7. Oil type and quantity
8. Refrigerant type
9. Current Consumption
   (Rated Load Amperage, when applicable)
10. Locked Rotor Amperage
    (when applicable)

EM label

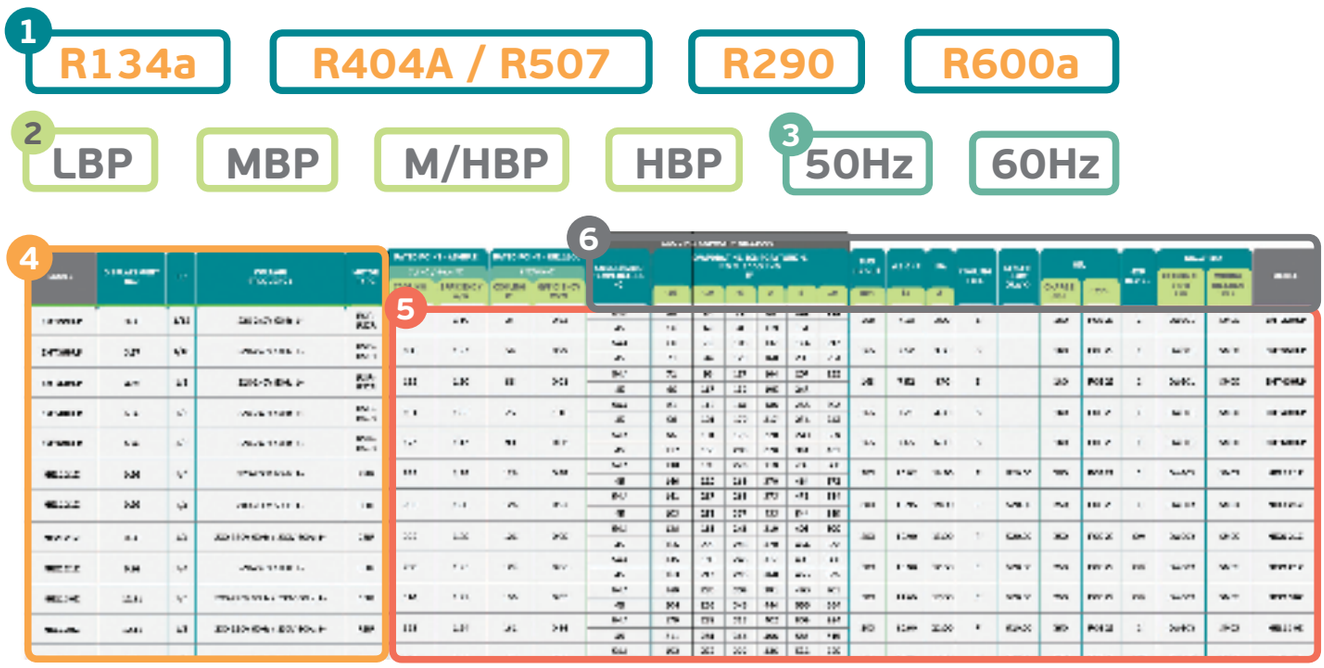
1. Compressor model
2. Supply Voltage
3. Bill of Materials code
4. Serial Number
5. Agency Approval Marks
6. Date code or Production date
7. Oil type and quantity
8. Refrigerant type
9. Current Consumption
   (Rated Load Amperage, when applicable)
10. Locked Rotor Amperage
    (when applicable)



GENERAL DATA & PERFORMANCE

Table index

How to read our catalogue



1. Grouped by refrigerant type
2. Grouped by Application Type
3. Data classified by supply frequency
4. Model Selection
5. Cooling capacity
   @ rated point
   ASHRAE & EN12900 or ARI or CECOMAF
6. Operative Range of evaporating temp

R134a
LBP 50Hz

R134a | R404A / R507 | R290 | R600a

LBP | MBP | M/HBP | HBP

50Hz | 60Hz

MODEL	DISPLACEMENT cm3	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - ASHRAE -23,3 °C / 54,4 °C		RATED POINT - EN12900 -35°C/40 °C		COOLING CA	
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W	CONDENSING TEMPERATURE °C	EVAP -30	-2
EMT22HLP	3,00	1/12	220-240V 50Hz 1~	RSIR	74	1,19	40	0,94	55	37	5
									45	50	6
EMT36HLP	3,97	1/10+	220-240V 50Hz 1~	RSIR	108	1,27	58	1,04	55	60	8
									45	71	9
EMT43HLP	4,85	1/8+	220-240V 50Hz 1~	RSIR	133	1,31	71	1,01	55	74	9
									45	89	11
EMT49HLP	5,56	1/6	220-240V 50Hz 1~	RSIR-	151	1,32	83	1,11	55	82	11
									45	99	13
EMT60HLP	6,76	1/5	220-240V 50Hz 1~	RSIR	175	1,16	98	0,98	55	95	13
									45	118	15
NEK1116Z	7,37	1/5	220-240V 50HZ 1~	RSIR-RSCR	194	1,44	96	1,12	55	101	14
									45	126	17
NEK2116Z	7,37	1/5	220-240V 50HZ 1~	CSIR	187	1,22	93	0,89	55	96	13
									45	121	16
NEK1118Z	8,39	1/4	220-240V 50HZ 1~	RSIR-RSCR	224	1,43	111	1,08	55	120	16
									45	144	19
NE1121Z	9,26	1/4	220-240V 50HZ 1~	RSIR	253	1,28	126	0,90	55	138	18
									45	166	21
NEK1121Z	9,26	1/4	220-240V 50Hz 1~	RSIR	248	1,27	123	0,99	55	131	17
									45	158	21
NE2121Z	9,26	1/4	200-220V 50Hz / 230V 60Hz 1~	CSIR	253	1,28	126	0,90	55	138	18
									45	166	22
NE2121Z	9,26	1/4	220-240V 50Hz 1~	CSIR	250	1,23	124	0,86	55	135	18
									45	163	21
NE1130Z	12,11	1/3	200-220V 50Hz / 230V 60Hz 1~	RSIR	323	1,24	161	0,86	55	179	23
									45	211	28
NE1130Z	12,11	1/3	220-240V 50Hz 1~	RSIR	323	1,32	161	0,85	55	179	23
									45	211	28
NE2130Z	12,11	1/3	200-220V 50Hz / 230V 60Hz 1~	CSIR	314	1,22	156	0,85	55	169	23
									45	204	26
NE2130Z	12,11	1/3	220-240V 50Hz 1~	CSIR	343	1,32	171	0,85	55	193	25
									45	227	29
NE2130Z	12,11	1/3	100V 50-60HZ 1~	CSIR	323	1,20	161	1,16	55	169	23
									45	204	26
NE2134Z	14,28	1/3	220-240V 50Hz 1~	CSIR	359	1,23	179	0,90	55	196	26
									45	234	31
NEK1140Z	16,80	1/2	220-240V 50Hz 1~	RSIR	437	1,26	217	1,00	55	231	31
									45	281	38
NEK2140Z	16,80	1/2	220-240V 50HZ 1~	CSIR	437	1,28	217	0,97	55	239	31
									45	284	37
NJ2152Z	27,16	1/2	220-240V 50HZ 1~	CSIR	568	1,18	226	0,74	55	234	39
									45	325	46

LING CAPACITY EN12900																
EVAPORATING TEMPERATURE °C NO SUBCOOLING W						MAX HEIGHT	WEIGHT	LRA	COOLING TYPE	FAN AIR FLOW (M3/H)	OIL		EXP DEVICE	DRAWINGS		MODEL
											CHARGE cm3	TYPE		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.	
	-25	-20	-15	-10	-5	mm	kg	Amp								
7	54	74	99	127	158	158	7,1	3,0	S		180	POE 22	C	DWG01	SM00	**EMT22HLP**
0	69	92	118	148	182											
0	80	105	137	174	217	166	7,5	3,8	S		180	POE 22	C	DWG01	SM00	**EMT36HLP**
	94	123	160	203	253											
4	98	127	163	208	263	166	7,5	4,7	S		180	POE 22	C	DWG01	SM00	**EMT43HLP**
9	118	153	195	246	308											
2	110	145	186	235	292	166	7,7	4,8	S		180	POE 22	C	DWG01	SM00	**EMT49HLP**
9	130	170	218	275	342											
5	131	175	228	290	359	166	7,7	6,2	S		180	POE 22	C	DWG01	SM00	**EMT60HLP**
8	158	209	270	340	420											
1	141	200	245	312	390	200	10,80	14,00	S		350	POE 22	C	DWG02	SM00	**NEK1116Z**
6	172	225	291	367	460											
5	136	184	241	305	378	200	10,40	10,00	S		350	POE 22	C/V	DWG03	SM05	**NEK2116Z**
1	166	221	284	357	436											
0	163	217	283	357	446	200	10,70	16,00	S		350	POE 22	C	DWG02	SM00	**NEK1118Z**
4	195	256	328	417	519											
8	186	246	319	403	500	200	10,90	16,50	F	520	350	POE 22	C	DWG03	SM03	**NE1121Z**
6	220	288	370	464	572											
1	179	241	314	401	500	206	11,60	23,00	S		350	POE 22	C	DWG03	SM03	**NEK1121Z**
8	213	282	365	462	574											
8	186	246	319	403	500	200	10,90	15,00	F	520	350	POE 22	C/V	DWG03	SM05	**NE2121Z**
6	220	288	370	464	572											
5	183	245	317	403	500	200	10,90	12,60	F	520	350	POE 22	C/V	DWG03	SM05	**NE2121Z**
3	217	285	368	465	575											
9	238	313	402	506	624	200	10,90	22,00	F	520	350	POE 22	C	DWG03	SM03	**NE1130Z**
1	281	366	466	583	715											
9	238	313	402	506	624	200	10,90	16,30	F	520	350	POE 22	C	DWG03	SM03	**NE1130Z**
1	281	366	466	583	715											
9	230	305	391	490	601	200	11,65	17,00	F	520	350	POE 22	C/V	DWG03	SM05	**NE2130Z**
4	268	348	444	555	684											
3	255	332	426	536	660	200	10,95	13,20	F	520	350	POE 22	C/V	DWG03	SM05	**NE2130Z**
7	298	386	491	613	753											
9	230	305	391	490	601	200	10,95	32,00	F	520	350	POE 22	C/V	DWG03	SM05	**NE2130Z**
4	268	348	444	555	684											
6	267	351	453	571	711	206	11,65	17,00	F	520	350	POE 22	C/V	DWG03	SM05	**NE2134Z**
4	313	410	526	662	822											
1	319	426	553	699	865	206	11,60	23,00	F	520	350	POE 22	C	DWG03	SM03	**NEK1140Z**
1	381	505	651	820	1011											
9	319	421	543	686	850	206	11,60	19,00	F	520	350	POE 22	C/V	DWG03	SM05	**NEK2140Z**
4	377	495	636	801	991											
4	390	566	761	975	1226	265	20,00	26,00	F	800	750	POE 22	C/V	DWG14	SM14	**NJ2152Z**
5	462	624	834	1070	1336											

NOTE: performance curves are calculated from Ashrae actual curves.

R134a
HBP 50Hz

R134a | R404A / R507 | R290 | R600a

LBP | MBP | M/HBP | HBP

50Hz | 60Hz

MODEL	DISPLACEMENT cm3	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - ASHRAE 7,2 °C / 54,4 °C		RATED POINT - EN12900 5°C/50 °C		COOLING CA	
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W	CONDENSING TEMPERATURE °C	EVAP -15
EMT37HDP	3,4	1/8	220-240V / 50Hz 1~	RSIR	351	2,55	323	2,50	55	119
									45	143
EMT37HDP	3,4	1/8	200-230V 50Hz / 208-230V 60Hz 1~	RSIR	356	2,56	323	2,50	55	119
									45	143
EMT45HDR	3,97	1/8+	220-240V 50Hz 1~	CSIR	421	2,66	375	2,56	55	148
									45	172
EMT50HDP	4,5	1/6	220-240V 50Hz 1~	RSIR	474	2,57	430	2,58	55	161
									45	188
EMT50HDP	4,5	1/6	200-230V 50Hz / 208-230V 60Hz 1~	RSIR	474	2,58	430	2,58	55	161
									45	188
EMT6144Z	5,2	1/5	220-240V 50Hz 1~	CSIR	577	2,6	520	2,53	55	200
									45	234
EMT6160Z	6,76	1/4	220-240V 50Hz 1~	CSIR	720	2,39	662	2,39	55	262
									45	303
EMT6170Z	7,69	1/4+	220-240V 50Hz 1~	CSIR	806	2,27	730	2,19	55	285
									45	333
EMTE6187Z	9,5	1/4	220-240 / 50 Hz 1~	CSIR	924	2,5	786	2,31	55	377
									45	356
NEK6160Z	7,28	1/4	220-240V 50Hz 1~	CSIR	716	2,41	663	2,41	55	232
									45	281
NEK6160Z	7,28	1/4	200-230V 50Hz / 208-230V 60Hz 1~	CSIR	717	2,41	664	2,41	55	226
									45	277
NEK6170Z	8,39	1/4	220-240V 50Hz 1~	CSIR	837	2,41	775	2,45	55	284
									45	336
NEK6170Z	8,39	1/4	200-230V 50Hz / 208-230V 60Hz 1~	CSIR	841	2,44	779	2,46	55	284
									45	335
NEK6170Z	8,39	1/4	100V 50/60Hz 1~	CSIR	823	2,18	762	2,16	55	285
									45	337
NEK6187Z	9,99	1/3	220-240V 50Hz 1~	CSIR	967	2,36	896	2,38	55	314
									45	378
NEK6187Z	9,99	1/3	200-230V 50Hz / 208-230V 60Hz 1~	CSIR	965	2,39	894	2,40	55	360
									45	375
NEK6210Z	12,11	1/3	220-240V 50Hz 1~	CSIR	1129	2,29	1046	2,29	55	358
									45	456
NEK6210Z	12,11	1/3	200-230V 50Hz / 208-230V 60Hz 1~	CSIR	1105	2,13	1024	2,16	55	401
									45	469
NEK6212Z	14,28	1/2	220-240V 50Hz 1~	CSIR	1314	2,09	1217	2,12	55	444
									45	534
NEK6212Z	14,28	1/2	200-230V 50Hz / 208-230V 60Hz 1~	CSR	1302	2,12	1206	2,14	55	442
									45	521
NEK6214Z	16,8	1/2	220-240V 50Hz 1~	CSIR	1486	1,92	1377	1,96	55	499
									45	593
NT6215Z	17,39	1/2	220V 50Hz 1~	CSIR	1620	2,29	1256	1,92	55	484
									45	621

LING CAPACITY EN12900 EVAPORATING TEMPERATURE °C NO SUBCOOLING W						MAX HEIGHT	WEIGHT	LRA	COOLING TYPE	FAN AIR FLOW (M3/H)	OIL		EXP DEVICE	DRAWINGS		MODEL
	-10	-5	0	5	10	mm	kg	A			CHARGE cm3	TYPE		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.	
9	155	197	245	300	360	158	7,2	4,3	S		180	POE 22	C	DWG01	SM00	**EMT37HDP**
3	183	230	285	347	417											
9	155	197	245	300	360	166	7,7	5,4	S		180	POE 22	C	DWG01	SM00	**EMT37HDP**
3	183	230	285	347	417											
8	189	234	286	349	426	166	7,7	5,4	S		180	POE 22	C	DWG01	SM05	**EMT45HDR**
2	219	270	330	402	488											
1	207	261	324	396	476	166	7,7	6,4	S		180	POE 10	C/V	DWG01	SM00	**EMT50HDP**
8	242	306	379	463	555											
1	207	261	324	396	476	166	7,7	9,1	S		180	POE 22	C	DWG01	SM00	**EMT50HDP**
8	242	306	379	463	555											
0	254	318	394	482	582	166	7,7	8,5	F	520	180	POE 22	C/V	DWG01	SM05	**EMT6144Z**
4	296	370	456	555	668											
2	320	412	507	615	737	166	7,8	9,8	F	520	180	POE 22	C/V	DWG01	SM05	**EMT6160Z**
3	383	477	586	708	845											
5	364	455	560	675	804	166	7,8	10,4	F	520	180	POE 22	C/V	DWG01	SM05	**EMT6170Z**
3	423	528	647	780	927											
7	485	592	732	906	1081	170	7,8	17,4	F	UD.	210	UD.	UD.			**EMTE6187Z**
6	460	564	705	871	1037											
2	296	376	472	586	716	187	10,4	11,5	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6160Z**
1	355	448	481	687	834											
6	290	371	470	586	720	187	10,4	13,5	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6160Z**
7	350	442	478	684	833											
4	360	453	562	689	833	187	10,4	12,4	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6170Z**
6	422	527	572	798	964											
4	358	451	563	693	841	200	10,8	16,5	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6170Z**
5	420	526	573	802	971											
5	313	384	496	650	844	187	10,4	34	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6170Z**
7	367	445	505	742	958											
4	402	511	642	793	965	200	11,0	16,1	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6187Z**
8	477	600	654	918	1113											
0	439	538	657	796	955	206	11,6	19,3	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6187Z**
5	479	606	669	928	1123											
8	480	619	773	942	1127	200	11,0	19,5	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6210Z**
6	578	726	787	1097	1319											
1	454	554	699	891	1128	206	11,6	20	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6210Z**
9	523	637	711	1031	1314											
4	562	708	881	1081	1308	206	11,2	19,5	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6212Z**
4	665	828	897	1248	1504											
2	565	712	882	1076	1291	206	11,6	22,5	F	520	350	POE 22	C/V	DWG03	SM06	**NEK6212Z**
1	662	830	898	1249	1498											
9	640	814	1008	1215	1473	206	11,6	25,5	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6214Z**
3	752	945	1026	1412	1701											
4	646	843	1071	1326	1606	207	17,0	20,7	F	520	450	POE 22	C/V	DWG15	SM19	**NT6215Z**
1	796	1014	1090	1567	1894											

NOTE: performance curves are calculated from Ashrae actual curves.

R134a
HBP 50Hz

R134a | R404A / R507 | R290 | R600a

LBP | MBP | M/HBP | HBP

50Hz | 60Hz

MODEL	DISPLACEMENT cm3	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - ASHRAE 7,2 °C / 54,4 °C		RATED POINT - EN12900 5°C/50 °C		COOLING CA	
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W	CONDENSING TEMPERATURE °C	EVA -15
NT6215Z	17,39	1/2	200-240V 50Hz / 230V 60Hz 1~	CSIR	1607	2,52	1246	2,14	55	520
									45	627
NT6217Z	20,44	3/4	220-240V 50Hz 1~	CSIR	1863	2,31	1444	1,97	55	633
									45	754
NT6217Z	20,44	3/4	200-240V 50Hz / 230V 60Hz 1~	CSIR	1863	2,41	1444	2,06	55	598
									45	712
NT6220Z	22,37	3/4	200-240V 50HZ/230V 60Hz 1~	CSIR	2016	2,34	1563	1,99	55	675
									45	800
NT6220Z	22,37	3/4	200-240V 50Hz / 230V 60Hz 1~	CSR	2016	2,55	1563	2,17	55	675
									45	800
NTU6222ZV	23,74	3/4	220-240V 50Hz 1~	CSCR	2424	3,09	1879	2,64	55	811
									45	968
NTU6224ZV	27,8	1	220-240V 50Hz 1~	CSCR	2767	3	2145	2,56	55	1004
									45	1179
NJ6220Z	26,11	3/4	220-240V 50Hz 1~	CSIR	2547	2,6	1975	2,21	55	629
									45	822
NJ6220ZX	26,11	3/4	380-420V 50Hz / 440-480V 60Hz 3 ~	3PHASE	2547	2,91	1975	2,47	55	696
									45	882
NJ6226Z	34,38	1	220-240V 50Hz 1~	CSCR	2976	2,41	2307	2,02	55	868
									45	1144
NJ6226ZX	34,38	1	380-420V 50Hz / 440-480V 60Hz 3 ~	3PHASE	2976	2,5	2307	2,12	55	878
									45	1304

R134a
LBP 60Hz

R134a | R404A / R507 | R290 | R600a

LBP | MBP | M/HBP | HBP

50Hz | 60Hz

MODEL	DISPLACEMENT cm3	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - ASHRAE -23,3 °C / 54,4 °C		RATED POINT - ARI 540 -23,3°C/48,9 °C		COOLING CA	
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W	CONDENSING TEMPERATURE °C	EVAP -30
NEK2116Z	7,37	1/5	115V 60Hz 1~	CSIR	216	1,17	171	0,92	55	86
									45	122
NE2121Z	9,27	1/4	115V 60Hz 1~	CSIR	278	1,09	204	0,81	55	109
									45	132
NE2130Z	12,1	1/3	100V 50/60Hz 1~	CSIR	367	1,19	269	1,16	55	166
									45	205
NE2130Z	12,1	1/3	115V 60Hz 1~	CSIR	367	1,19	269	0,88	55	166
									45	205
NE2134Z	14,3	1/2	115V 60Hz 1~	CSIR	425	1,23	312	0,91	55	191
									45	228
NE2134Z	14,3	1/2	208-230V 60Hz 1~	CSIR	409	1,24	300	0,92	55	188
									45	230
NEK2140Z	16,8	1/2	115V 60Hz 1~	CSIR	500	1,19	390	0,94	55	236
									45	279
NT2152ZV	26,2	1/2	115V 60Hz 1~	CSR	681	1,31	610	1,07	55	261
									45	380

OLING CAPACITY EN12900 EVAPORATING TEMPERATURE °C NO SUBCOOLING W						MAX HEIGHT	WEIGHT	LRA	COOLING TYPE	FAN AIR FLOW (M3/H)	OIL		EXP DEVICE	DRAWINGS		MODEL
											CHARGE cm3	TYPE		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.	
5	-10	-5	0	5	10	mm	kg	A								
0	661	829	1033	1282	1582	220	17,0	21	F	520	450	POE 22	C/V	DWG15	SM19	**NT6215Z**
7	796	998	1241	1533	1883											
3	791	991	1234	1521	1853	220	17,0	25	F	520	450	POE 22	C/V	DWG15	SM19	**NT6217Z**
4	938	1173	1256	1795	2185											
8	764	961	1196	1473	1800	220	17,0	25	F	520	450	POE 22	C/V	DWG15	SM19	**NT6217Z**
2	912	1148	1428	1757	2143											
5	852	1060	1303	1586	1915	220	17,2	29,5	F	520	450	POE 22	C/V	DWG15	SM19	**NT6220Z**
0	1011	1260	1554	1897	2294											
5	852	1060	1303	1586	1915	220	17,2	29,5	F	520	450	POE 22	C/V	DWG15	SM23	**NT6220Z**
0	1010	1260	1554	1897	2294											
1	1044	1305	1605	1955	2365	253	18,3	30	F	520	650	POE 22	C/V	DWG19	SM26	**NTU6222ZV**
8	1225	1521	1866	2273	2754											
4	1272	1574	1921	2325	2795	253	18,3	30	F	520	650	POE 22	C/V	DWG19	SM26	**NTU6224ZV**
9	1484	1834	2242	2720	3277											
9	875	1147	1459	1826	2260	265	20,5	35,0	F	800	750	POE 22	C/V	DWG14	SM14	**NJ6220Z**
2	1104	1419	1780	2202	2699											
5	993	1326	1693	2096	2534	265	19,6	10	F	800	750	POE 22	C/V	DWG14	SM18	**NJ6220ZX**
2	1159	1502	1723	2389	2932											
8	1182	1531	1923	2371	2886	253	19,8	31	F	800	750	POE 22	C/V	DWG14	SM17	**NJ6226Z**
	1497	1892	2340	2852	3438											
8	1214	1589	2004	2457	2950	265	20,2	13,0	F	800	750	POE 22	C/V	DWG14	SM18	**NJ6226ZX**
4	1644	2044	2539	3027	3608											

NOTE: performance curves are calculated from Ashrae actual curves.

OLING CAPACITY ARI 540 EVAPORATING TEMPERATURE °C NO SUBCOOLING W						MAX HEIGHT	WEIGHT	LRA	COOLING TYPE	FAN AIR FLOW (M3/H)	OIL		EXP DEVICE	DRAWINGS		MODEL
											CHARGE cm3	TYPE		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.	
	-25	-20	-15	-10	-5	mm	kg	A								
5	127	180	247	328	422	200	10,0	22,0	S	520	350	POE 22	C/V	DWG04	SM04	**NEK2116Z**
2	169	229	300	385	481											
9	147	195	252	338	432	200	11,0	29,0	F	520	350	POE 22	C/V	DWG04	SM04	**NE2121Z**
2	176	230	310	390	490											
5	227	300	383	479	586	200	11,0	38,0	F	520	350	POE 22	C/V	DWG04	SM04	**NE2130Z**
5	268	348	443	553	679											
6	227	300	383	479	586	200	11,0	38,0	F	520	350	POE 22	C/V	DWG04	SM04	**NE2130Z**
5	268	348	443	553	679											
1	257	334	424	533	660	200	11,0	33,0	F	520	350	POE 22	C/V	DWG04	SM04	**NE2134Z**
8	303	392	495	618	764											
8	252	332	425	533	654	206	11,6	21,0	F	520	350	POE 22	C/V	DWG04	SM04	**NE2134Z**
0	302	392	498	622	763											
5	314	417	546	698	876	206	11,0	40,0	F	520	350	POE 22	C/V	DWG04	SM04	**NEK2140Z**
9	378	503	653	828	1030											
1	425	646	871	1104	1363	250	18,2	70,0	F	520	450	POE 22	C/V	DWG17	SM26	**NT2152ZV**
0	593	815	1049	1303	1582											

NOTE: performance curves are calculated from Ashrae actual curves.

R134a

HBP 60Hz

R134a | R404A / R507 | R290 | R600a

LBP | MBP | M/HBP | HBP

50Hz | 60Hz

MODEL	DISPLACEMENT cm3	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - ASHRAE 7,2 °C / 54,4 °C		RATED POINT - ARI 540 7,2°C/54,4 °C		COOLING CA	
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W	CONDENSING TEMPERATURE °C	EVA -15
EMT37HDP	3,40	1/2	200-230V 50Hz / 208-230V 60Hz 1~	RSIR	422	2,48	378	2,22	55	
									45	172
EMT50HDP	4,50	1/2	200-230V 50Hz / 208-230V 60Hz 1~	RSIR	563	2,55	506	2,29	55	
									45	232
EMTE6187Z	9,5	1/4	220-240V 50Hz 1~	CSIR	924	2,50	786	2,31	55	356
									45	377
NEK6132Z	4,51	1/6	115V 60Hz 1~	CSIR	516	2,13	473	1,94	55	
									45	192
NEK6144Z	5,44	1/6	115V 60Hz 1~	CSIR	640	2,18	584	1,98	55	
									45	245
NEK6160Z	7,28	1/4	115V 60Hz 1~	CSIR	845	2,35	758	2,11	55	
									45	327
NEK6160Z	7,28	1/4	200-230V 50Hz / 208-230V 60Hz 1~	CSIR	845	2,41	758	2,17	55	
									45	330
NEK6170Z	8,40	1/4	115V 60Hz 1~	CSIR	978	2,34	878	2,10	55	
									45	396
NEK6170Z	8,40	1/4	100V 50/60Hz 1~	CSIR	823	2,18	738	1,95	55	
									45	404
NEK6170Z	8,40	1/4	200-230V 50Hz / 208-230V 60Hz 1~	CSIR	981	2,38	881	2,14	55	
									45	393
NEK6187Z	10,00	1/3	115V 60Hz 1~	CSIR	1122	2,31	1007	2,07	55	
									45	442
NEK6187Z	10,00	1/3	200-230V 50Hz / 208-230V 60Hz 1~	CSIR	1115	2,30	1000	2,06	55	
									45	426
NEK6210Z	12,11	1/3	115V 60Hz 1~	CSIR	1326	2,18	1190	1,96	55	
									45	521
NEK6210Z	12,11	1/2	200-230V 50Hz / 208-230V 60Hz 1~	CSIR	1267	2,10	1138	1,88	55	
									45	543
NEK6212Z	14,28	1/2	115V 60Hz 1~	CSIR	1517	1,98	1361	1,78	55	
									45	599
NEK6212Z	14,28	1/2	115V 60Hz 1~	CSR	1568	2,18	1407	1,96	55	
									45	599
NEK6212Z	14,28	1/2	200-230V 50Hz / 208-230V 60Hz 1~	CSR	1474	1,97	1323	1,77	55	
									45	611
NEK6214Z	16,80	3/4	115V 60Hz 1~	CSR	1746	2,05	1568	1,84	55	
									45	689
NEK6214Z	16,80	3/4	208-230V 60Hz 1~	CSIR	1697	1,97	1523	1,77	55	
									45	671
NEK6214Z	16,80	3/4	208-230V 60Hz 1~	CSR	1712	2,11	1537	1,89	55	
									45	686
NT6215Z	17,40	1/2	115V 60Hz 1~	CSIR	1942	2,40	1933	2,37	55	
									45	818
NT6215Z	17,40	1/2	115V 60Hz 1~	CSR	2015	2,61	1925	2,50	55	
									45	810
NT6215Z	17,40	1/2	208-230V 60Hz 1~	CSIR	1876	2,25	1794	2,11	55	
									45	777

OLING CAPACITY ARI 540															
EVAPORATING TEMPERATURE °C NO SUBCOOLING W						MAX HEIGHT	WEIGHT	LRA	COOLING TYPE	FAN AIR FLOW (M3/H)	OIL		EXP DEVICE	DRAWINGS		MODEL
											CHARGE cm3	TYPE		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.	
	-10	-5	0	5	10	mm	kg	A								
	184	231	286	348	417	7.7	166	5.4	S		180	POE 22	C	DWG01	SM00	**EMT37HDP**
2	215	269	332	403	485											
	248	310	382	464	556	7.7	166	9.1	S		180	POE 22	C	DWG01	SM00	**EMT50HDP**
2	289	360	441	534	642											
5	460	564	705	871	1037	170	7,8	17,4	F	520	210	POE22	UD.	UD.	UD.	**EMTE6187Z**
7	485	592	732	906	1081											
	211	272	346	431	529	187	10	26.0	S		350	POE 22	C/V	DWG04	SM04	**NEK6132Z**
2	250	322	408	505	617											
	268	343	432	535	652	187	10,1	26,0	F	520	350	POE 22	C/V	DWG04	SM04	**NEK6144Z**
5	315	399	499	612	740											
	354	450	563	694	846	187	10,4	28,5	F	520	350	POE 22	C/V	DWG04	SM04	**NEK6160Z**
7	418	529	657	803	967											
	351	450	563	693	839	187	10,4	13,5	F	520	350	POE 22	C/V	DWG03	SM04	**NEK6160Z**
0	415	522	650	799	966											
	423	527	655	804	974	187	10,4	28,5	F	520	350	POE 22	C/V	DWG04	SM04	**NEK6170Z**
5	493	616	762	932	1126											
	382	461	585	759	988	187	10,4	35,5	F	520	340	POE 22	C/V	DWG04	SM04	**NEK6170Z**
4	448	535	673	866	1119											
	428	532	657	804	970	200	10,8	16,5	F	520	350	POE 22	C/V	DWG03	SM04	**NEK6170Z**
5	495	620	767	937	1130											
	476	597	746	921	1124	200	11,0	37,0	F	520	350	POE 22	C/V	DWG04	SM04	**NEK6187Z**
2	555	697	868	1068	1295											
	477	603	750	918	1109	206	11,6	19,3	F	520	350	POE 22	C/V	DWG03	SM04	**NEK6187Z**
5	549	693	857	1044	1253											
	575	722	895	1094	1319	200	11,0	37,0	F	520	350	POE 22	C/V	DWG04	SM04	**NEK6210Z**
1	667	841	1041	1267	1520											
	507	614	782	1011	1299	206	11,6	20,0	F	520	350	POE 22	C/V	DWG03	SM04	**NEK6210Z**
3	598	721	911	1167	1487											
	658	830	1028	1254	1506	206	11,6	40,0	F	520	350	POE 22	C/V	DWG04	SM04	**NEK6212Z**
9	769	967	1193	1446	1728											
	658	830	1028	1254	1506	206	11,6	40,0	F	520	350	POE 22	C/V	DWG04	SM06	**NEK6212Z**
9	769	967	1193	1446	1728											
	660	825	1011	1221	1450	206	11,6	22,5	F	520	350	POE 22	C/V	DWG03	SM06	**NEK6212Z**
1	778	971	1188	1432	1700											
	748	948	1180	1443	1734	206	11,6	48,0	F	520	350	POE 22	C/V	DWG04	SM06	**NEK6214Z**
9	875	1098	1357	1652	1980											
	731	921	1143	1396	1677	206	11,4	30,0	F	520	350	POE 22	C/V	DWG04	SM04	**NEK6214Z**
1	851	1068	1321	1610	1933											
	740	929	1153	1410	1698	206	11,4	30,0	F	520	350	POE 22	C/V	DWG03	SM06	**NEK6214Z**
6	865	1081	1331	1617	1937											
	893	1146	1439	1772	2144	207	16,5	44,0	F	520	450	POE 22	C/V	DWG15	SM20	**NT6215Z**
8	1059	1334	1642	1985	2361											
	880	1121	1410	1743	2124	207	15,7	44,0	F	520	450	POE 22	C/V	DWG15	SM23	**NT6215Z**
0	1043	1322	1652	2029	2454											
	861	1085	1347	1648	1986	207	17,0	20,8	F	520	450	POE 22	C/V	DWG15	SM20	**NT6215Z**
7	997	1256	1556	1895	2274											

NOTE: performance curves are calculated from Ashrae actual curves.

R134a
HBP 60Hz

R134a | R404A / R507 | R290 | R600a

LBP | MBP | M/HBP | HBP

50Hz | 60Hz

MODEL	DISPLACEMENT cm3	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - ASHRAE 7,22°C/54,4 °C		RATED POINT - ARI 540 7,2°C/54,4 °C		COOLING CA	
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W	CONDENSING TEMPERATURE °C	EVAP -15	EVAP -1
NT6217Z	20,44	3/4	115V 60Hz 1~	CSIR	2186	2,21	2174	2,18	55		10
									45	950	12
NT6217Z	20,44	3/4	115V 60Hz 1~	CSR	2189	2,29	2208	2,42	55		10
									45	956	12
NT6217Z	20,40	3/4	208-230V 60Hz 1~	CSIR	2221	2,27	2126	2,18	55		9
									45	922	11
NT6217Z	20,40	3/4	208-230V 60Hz 1~	CSR	2287	2,58	2157	2,45	55		9
									45	921	11
NT6220Z	22,37	1	115V 60Hz 1~	CSIR	2431	2,22	2361	2,34	55		11
									45	1060	13
NT6220Z	22,37	1	115V 60Hz 1~	CSR	2466	2,48	2361	2,47	55		11
									45	1067	13
NT6220Z	22,37	1	208-230V 60Hz 1~	CSIR	2447	2,27	2420	2,09	55		11
									45	1061	13
NTU6222ZV	23,74	1	115V 60Hz 1~	CSR	2965	2,96	2882	2,83	55		13
									45	1206	15
NTU6222ZV	23,74	1	208-230V 60Hz 1~	CSR	2944	3,04	2893	2,91	55		11
									45	1111	15
NTU6224ZV	27,80	1 1/4	115V 60Hz 1~	CSR	3471	2,82	3355	2,70	55		15
									45	1458	18
NTU6224ZV	27,80	1 1/4	208-230V 60Hz 1~	CSR	3391	2,87	3412	2,70	55		16
									45	1501	19
NJ6220Z	26,11	1	115V 60Hz 1~	CSIR	2980	2,39	2674	2,14	55		10
									45	886	11
NJ6220Z	26,11	1	208-230V 60Hz 1~	CSIR	2664	2,24	2391	2,01	55		9
									45	882	12
NJ6220ZX	26,11	1	380-420V 50Hz / 440-480V 60Hz 3~	3PHASE	2980	2,92	2674	2,62	55		11
									45	1036	13
NJ6226Z	34,38	1 1/4	208-230V 60Hz 1~	CSR	3261	2,26	2927	2,03	55		12
									45	1227	16
NJ6226ZX	34,38	1	380-420V 50Hz / 440-480V 60Hz 3~	3PHASE	3482	2,51	3125	2,25	55		14
									45	1533	19

OLING CAPACITY ARI 540 EVAPORATING TEMPERATURE °C NO SUBCOOLING W						MAX HEIGHT	WEIGHT	LRA	COOLING TYPE	FAN AIR FLOW (M3/H)	OIL		EXP DEVICE	DRAWINGS		MODEL
	-10	-5	0	5	10	mm	kg	A			CHARGE cm3	TYPE		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.	
	1040	1320	1635	1986	2372	220	17,5	45,0	F	520	450	POE 22	C/V	DWG15	SM20	**NT6217Z**
)	1210	1520	1879	2285	2740											
	1051	1339	1655	2013	2425	220	17,5	45,0	F	520	450	POE 22	C/V	DWG15	SM23	**NT6217Z**
5	1243	1558	1913	2320	2792											
	999	1268	1581	1936	2336	207	15,7	31,0	F	520	450	POE 22	C/V	DWG15	SM20	**NT6217Z**
2	1173	1474	1827	2229	2680											
	998	1267	1572	1935	2339	207	15,7	31,0	F	520	450	POE 22	C/V	DWG15	SM23	**NT6217Z**
1	1170	1474	1829	2228	2680											
	1169	1472	1810	2183	2592	220	17,0	54,5	F	520	450	POE 22	C/V	DWG17	SM20	**NT6220Z**
0	1334	1660	2036	2463	2941											
	1174	1476	1821	2196	2605	220	17,0	54,5	F	520	450	POE 22	C/V	DWG17	SM21	**NT6220Z**
7	1339	1668	2047	2481	2959											
	1150	1450	1797	2198	2665	220	17,2	33,7	F	520	450	POE 22	C/V	DWG16	SM20	**NT6220Z**
1	1357	1696	2088	2540	3060											
	1322	1703	2138	2633	3185	250	18,3	70,0	F	520	650	POE 22	C/V	DWG19	SM26	**NTU6222ZV**
6	1575	2002	2490	3041	3654											
	1187	1628	2142	2678	3179	250	18,3	35,0	F	520	650	POE 22	C/V	DWG19	SM26	**NTU6222ZV**
1	1517	2014	2550	3068	3516											
	1590	2021	2508	3054	3664	250	18,1	78,0	F	520	650	POE 22	C/V	DWG19	SM26	**NTU6224ZV**
8	1881	2359	2898	3499	4167											
	1622	2050	2519	3011	3509	250	18,1	46,0	F	520	650	POE 22	C/V	DWG19	SM26	**NTU6224ZV**
1	1907	2396	2951	3522	4186											
	1000	1334	1699	2100	2541	265	19,8	72,0	F	800	750	POE 22	C/V	DWG14	SM14	**NJ6220Z**
5	1163	1506	1914	2387	2922											
	955	1292	1687	2138	2644	265	20,3	42,0	F	800	750	POE 22	C/V	DWG14	SM14	**NJ6220Z**
2	1226	1625	2077	2582	3138											
	1169	1560	1989	2457	2962	265	19,6	10,0	F	800	750	POE 22	C/V	DWG14	SM18	**NJ6220ZX**
6	1360	1763	2240	2793	3419											
	1268	1680	2149	2673	3254	253	19,9	40,0	F	800	750	POE 22	C/V	DWG14	SM17	**NJ6226Z**
7	1621	2073	2583	3150	3772											
	1430	1870	2353	2881	3448	265	20,2	13,0	F	800	750	POE 22	C/V	DWG14	SM18	**NJ6226ZX**
3	1930	2398	2934	3537	4207											

NOTE: performance curves are calculated from Ashrae actual curves.

R404A / R507

LBP 50Hz

R134a | **R404A / R507** | R290 | R600a

LBP | MBP | M/HBP | HBP

50Hz | 60Hz

MODEL	DISPLACEMENT cm3	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - ASHRAE -23,3 °C / 54,4 °C		RATED POINT - EN12900 -35°C/40 °C		COOLING CA	
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W	CONDENSING TEMPERATURE °C	EVAP -40
EMT2117GK	4,5	1/4	220-240V / 50Hz 1~	CSIR	244	1,35	141	1,09	55	
									45	91
EMT2121GK	5,2	1/3	220-240V / 50Hz 1~	CSIR	300	1,40	174	1,12	55	
									45	120
EMT2125GK	5,96	1/3+	220-240V / 50Hz 1~	CSIR	351	1,39	204	1,15	55	
									45	140
EMT2130GK	6,76	1/2-	220-240V / 50Hz 1~	CSIR	390	1,34	222	1,08	55	
									45	150
NEK2117GK	4,52	1/4	220-240V 50Hz 1~	CSIR	235	1,29	125	0,94	55	
									45	80
NEK1121GK	5,45	1/4	220-240V 50Hz 1~	RSIR	265	1,19	139	0,88	55	
									45	109
NEK2121GK	5,45	1/3	220-240V 50Hz 1~	CSIR	282	1,29	156	0,99	55	
									45	104
NEK1125GK	6,2	1/3	220-240V 50Hz 1~	RSIR	310	1,22	162	0,91	55	
									45	110
NEK2125GK	6,2	1/3	220-240V 50Hz 1~	CSIR	341	1,22	178	0,9	55	
									45	120
NEK2130GK	7,4	1/2	220-240V 50Hz 1~	CSIR	399	1,32	210	0,99	55	
									45	132
NEK2134GK	8,78	1/2	220-240V 50Hz 1~	CSIR	464	1,3	253	1	55	
									45	170
NEK2134GK	8,78	1/2	100V 50/60Hz 1~	CSIR	448	1,19	235	0,86	55	
									45	165
NEK2134GK	8,78	1/2	100V 50/60Hz 1~	CSR	452	1,28	237	0,93	55	
									45	169
NEK2150GK	12,12	3/4	220-240V 50Hz 1~	CSIR	616	1,24	346	0,98	55	
									45	235
NEK2150GK	12,12	1/2	100V 50/60Hz 1~	CSR	581	1,14	304	0,8	55	
									45	212
NEK2168GK	14,3	3/4	220-240V 50Hz 1~	CSIR	688	1,13	360	0,95	55	
									45	259
NEK2168GK	14,3	3/4	220-240V 50Hz 1~	CSR	707	1,28	380	0,97	55	
									45	263
NEK2172GK	16,8	3/4	220V 50Hz 1~	CSR	819	1,3	462	1,06	55	
									45	299
NT2168GK	14,50	3/4	200-240V 50Hz / 230V 60Hz 1~	CSIR	642	1,28	354	1,03	55	
									45	206
NT2168GK	14,50	3/4	200-240V 50Hz / 230V 60Hz 1~	CSR	642	1,28	354	1,03	55	
									45	206
NT2178GK	17,40	3/4	200-240V 50Hz / 230V 60Hz 1~	CSIR	800	1,15	419	0,89	55	
									45	283
NT2178GK	17,40	3/4	200-240V 50Hz / 230V 60Hz 1~	CSR	800	1,36	419	1	55	
									45	283
NT2178GK	17,40	3/4	220V 50Hz 1~	CSIR	805	1,21	422	0,91	55	
									45	275

LING CAPACITY EN12900 EVAPORATING TEMPERATURE °C NO SUBCOOLING W							MAX HEIGHT	WEIGHT	LRA	COOLING TYPE	FAN AIR FLOW (M3/H)	OIL		EXP DEVICE	DRAWINGS		MODEL
)	-35	-30	-25	-20	-15	-10	mm	kg	A			CHARGE cm3	TYPE		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.	
		127	166	211	264	326	166	7,8	7,7	S		180	POE 22	C/V	DWG01	SM05	**EMT2117GK**
L	125	164	210	265	330	408											
		168	212	264	327	400	166	7,8	8,5	F	520	180	POE 22	C/V	DWG01	SM05	**EMT2121GK**
0	159	204	258	322	398	487											
		190	242	303	375	458	166	7,8	9,8	F	520	180	POE 22	C/V	DWG01	SM05	**EMT2125GK**
0	185	238	301	373	462	562											
		205	263	330	407	497	171	8,0	12,4	F	520	180	POE 22	C/V	DWG01	SM05	**EMT2130GK**
0	200	257	326	406	500	605											
		117	154	197	247	303	187	10,4	9,6	S		350	POE 22	C/V	DWG02	SM05	**NEK2117GK**
)	111	149	194	246	306	374											
		147	183	232	290	355	187	10,4	15,4	S		350	POE 22	C	DWG03	SM03	**NEK1121GK**
9	147	191	246	297	363	426											
		143	188	241	303	375	187	10,4	9,6	S		350	POE 22	C/V	DWG03	SM05	**NEK2121GK**
4	139	183	238	302	377	463											
		168	210	256	300	347	200	11	20,2	S		350	POE 22	C	DWG03	SM03	**NEK1125GK**
0	160	214	265	319	374	430											
		169	221	283	354	434	187	10,4	12,4	F	520	350	POE 22	C/V	DWG03	SM05	**NEK2125GK**
0	160	213	278	354	439	534											
		203	267	341	426	522	200	10,9	16	F	520	350	POE 22	C/V	DWG03	SM05	**NEK2130GK**
	187	254	332	422	524	640											
		239	313	401	501	611	200	11,0	16,1	F	520	350	POE 22	C/V	DWG03	SM05	**NEK2134GK**
0	227	302	394	501	621	753											
		233	305	390	486	595	206	11,6	34	F	520	350	POE 22	C/V	DWG04	SM03	**NEK2134GK**
5	223	295	330	486	603	735											
		236	309	394	491	600	206	11,6	34	F	520	350	POE 22	C/V	DWG04	SM03	**NEK2134GK**
9	225	297	332	487	606	741											
		326	419	529	657	807	206	11,6	19,5	F	520	350	POE 22	C/V	DWG03	SM05	**NEK2150GK**
5	313	408	522	657	814	995											
		299	395	509	640	788	206	11,6	44	F	520	350	POE 22	C/V	DWG04	SM03	**NEK2150GK**
2	286	381	429	634	791	969											
		358	468	596	743	909	206	11,6	24	F	520	350	POE 22	C/V	DWG03	SM05	**NEK2168GK**
9	345	454	587	742	921	1123											
		371	484	618	771	944	206	11,6	24	F	520	350	POE 22	C/V	DWG03	SM05	**NEK2168GK**
3	353	466	605	767	955	1166											
		431	558	707	876	1065	206	11,8		F	520	350	POE 22	C/V	DWG03	SM06	**NEK2172GK**
9	401	531	687	872	1083	1322											
		319	422	542	685	859	220	17	25	F	520	450	POE 22	C/V	DWG16	SM19	**NT2168GK**
6	310	423	549	698	875	1089											
		319	422	542	685	859	220	17	25	F	520	450	POE 22	C/V	DWG16	SM23	**NT2168GK**
6	310	423	549	698	875	1089											
		399	516	651	806	983	220	17	26	F	520	450	POE 22	C/V	DWG16	SM19	**NT2178GK**
3	396	526	676	853	1056	1290											
		399	516	651	806	983	220	17	26	F	520	450	POE 22	C/V	DWG16	SM23	**NT2178GK**
3	396	526	676	853	1056	1290											
		389	519	669	842	1035	220	16,4	25	F	520	450	POE 22	C/V	DWG16	SM19	**NT2178GK**
5	374	503	663	853	1074	1326											

NOTE: performance curves are calculated from Ashrae actual curves.

R404A / R507

LBP 50Hz

R134a | **R404A / R507** | R290 | R600a

LBP | MBP | M/HBP | HBP

50Hz | 60Hz

MODEL	DISPLACEMENT cm3	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - ASHRAE -23,3 °C / 54,4 °C		RATED POINT - EN12900 -35°C/40 °C		COOLING CA	
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W	CONDENSING TEMPERATURE °C	EVAP -40
NT2178GK	17,40	3/4	220V 50Hz 1~	CSR	836	1,36	434	1,01	55	
									45	282
NT2178GK	17,40	3/4	220-240V 50Hz 1~	CSIR	782	1,3	416	0,98	55	
									45	273
NT2178GK	17,40	3/4	220-240V 50Hz 1~	CSR	802	1,42	420	0,91	55	
									45	257
NT2178GK	17,40	3/4	100V 50/60Hz 1~	CSR	812	1,3	425	0,98	55	
									45	292
NT2180GK	20,40	1	220-240V 50Hz 1~	CSIR	935	1,25	490	0,95	55	
									45	323
NT2180GK	20,40	1	220-240V 50Hz 1~	CSR	935	1,36	530	1,05	55	
									45	332
NT2180GK	20,40	1	220V 50Hz 1~	CSR	982	1,34	536	1,07	55	
									45	331
NT2192GK	22,40	1	220-240V 50Hz 1~	CSIR	1053	1,3	551	1,03	55	
									45	373
NT2192GK	22,40	1 1/4	220-240V 50Hz 1~	CSR	1089	1,47	568	1,06	55	
									45	367
NT2210GK	26,2	1 1/4	220-240V 50Hz 1~	CSR	1306	1,4	685	1,06	55	
									45	428
NT2212GK	27,8	1 1/4	220-240V 50Hz 1~	CSR	1373	1,37	719	1,07	55	
									45	503
NT2168GS	14,5	3/4	200V 50-60Hz 3~	3PHASE	652	1,32	341	1,03	55	
									45	214
NT2192GS	22,4	1	200V 50-60Hz 3~	3PHASE	1049	1,35	549	1,07	55	
									45	364
NT2212GS	27,8	1 1/4	200V 50-60Hz 3~	3PHASE	1317	1,33	690	1,04	55	
									45	471
NJ2192GK	26,11	1 1/4	220-240V 50Hz 1~	CSR	1126	1,32	585	0,97	55	
									45	348
NJ2192GS	26,11	1 1/4	380-420V 50Hz / 440-480V 60Hz 3~	3PHASE	1128	1,23	591	0,85	55	
									45	320
NJ2212GK	34,37	1 1/2	220-240V 50Hz 1~	CSR	1546	1,33	809	1,06	55	
									45	472
NJ2212GS	34,37	1 1/2	380-420V 50Hz / 440-480V 60Hz 3~	3PHASE	1481	1,30	775	0,87	55	
									45	361

COOLING CAPACITY EN12900																		
EVAPORATING TEMPERATURE °C NO SUBCOOLING W							MAX HEIGHT	WEIGHT	LRA	COOLING TYPE	FAN AIR FLOW (M3/H)	OIL		EXP DEVICE	DRAWINGS		MODEL
	-35	-30	-25	-20	-15	-10	mm	kg	A			CHARGE cm3	TYPE		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.	
		397	530	685	863	1065	220	16,4	25	F	520	450	POE 22	C/V	DWG16	SM23	**NT2178GK**
2	383	514	676	869	1095	1352											
		378	502	647	812	997	220	17	25	F	520	450	POE 22	C/V	DWG16	SM19	**NT2178GK**
3	373	502	659	844	1057	1297											
		385	513	663	835	1030	220	17	25	F	520	450	POE 22	C/V	DWG16	SM23	**NT2178GK**
7	375	513	671	854	1062	1300											
		392	520	674	854	1063	220	17	25	F	520	450	POE 22	C/V	DWG16	SM23	**NT2178GK**
2	394	525	685	878	1105	1372											
		461	601	767	958	1176	234	17,4	35	F	520	450	POE 22	C/V	DWG16	SM19	**NT2180GK**
3	453	604	778	977	1203	1458											
		483	640	814	1007	1224	234	17,4	35	F	520	450	POE 22	C/V	DWG16	SM23	**NT2180GK**
2	468	625	814	1034	1286	1573											
		471	631	814	1021	1251	220	18	26,5	F	520	450	POE 22	C/V	DWG16	SM23	**NT2180GK**
1	459	620	813	1039	1298	1589											
		518	675	860	1074	1321	234	17,5	35	F	520	450	POE 22	C/V	DWG16	SM19	**NT2192GK**
3	506	669	865	1100	1375	1693											
		522	681	867	1083	1330	234	17,5	35	F	520	450	POE 22	C/V	DWG16	SM23	**NT2192GK**
	505	672	869	1100	1366	1669											
		639	838	1070	1332	1627	234	17,9	33	F	520	450	POE 22	C/V	DWG17	SM26	**NT2210GK**
8	598	807	1056	1344	1671	2038											
		688	888	1127	1405	1728	250	18,3	33	F	520	650	POE 22	C/V	DWG17	SM26	**NT2212GK**
3	671	876	1125	1421	1770	2174											
		312	418	546	696	869	250	18,3	28	F	520	650	POE 22	C/V	DWG17	SM27	**NT2168GS**
4	300	410	544	704	890	1107											
		516	675	860	1072	1315	250	18,3	28	F	520	650	POE 22	C/V	DWG17	SM27	**NT2192GS**
4	504	673	872	1106	1378	1690											
		649	847	1085	1361	1682	250	18,3	36	F	520	650	POE 22	C/V	DWG17	SM27	**NT2212GS**
1	632	835	1082	1378	1727	2132											
		530	722	938	1179	1444	265	20,4	26	F	800	750	POE 22	C/V	DWG14	SM16	**NJ2192GK**
8	509	705	936	1203	1505	1842											
		529	718	939	1198	1497	265	19,7	15	F	800	750	POE 22	C/V	DWG14	SM18	**NJ2192GS**
0	516	730	968	1235	1533	1868											
		727	978	1262	1578	1923	277	21,5	36,0	F	800	750	POE 22	C/V	DWG14	SM16	**NJ2212GK**
2	694	961	1276	1637	2041	2487											
		668	935	1236	1577	1963	277	20,4	13,0	F	800	750	POE 22	C/V	DWG14	SM18	**NJ2212GS**
1	615	901	1228	1605	2039	2538											

NOTE: performance curves are calculated from Ashrae actual curves.

R404A / R507

MBP 50Hz

R134a | **R404A / R507** | R290 | R600a

LBP | **MBP** | M/HBP | HBP

50Hz | 60Hz

MODEL	DISPLACEMENT cm3	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - ASHRAE 7,2 °C / 54,4 °C		RATED POINT - EN12900 -10°C/45 °C		COOLING CA	
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W	CONDENSING TEMPERATURE °C	EVAP -20	-1
EMT6144GK	3,97	1/4-	220-240V / 50Hz 1~	CSIR	680	2,39	378	1,90	55	196	24
									45	246	30
EMT6152GK	4,5	1/4	220-240V / 50Hz 1~	CSIR	737	2,26	424	1,85	55	220	27
									45	276	34
EMT6165GK	5,2	1/3	220-240V / 50Hz 1~	CSIR	881	2,27	484	1,76	55	247	31
									45	315	39
NEK6144GK	4,51	1/4	220-240V 50Hz 1~	CSIR	714	2,28	395	1,74	55		
									45	271	32
NEK6165GK	6,2	1/3	220-240V 50Hz 1~	CSIR	966	2,05	542	1,64	55		
									45	388	45
NEK6181GK	7,28	1/3	220-240V 50Hz 1~	CSIR	1089	2,12	599	1,66	55		
									45	405	49
NEK6210GK	8,77	1/2	220-240V 50Hz 1~	CSIR	1304	2,07	724	1,68	55		
									45	500	59
NEK6210GK	8,77	1/2	100V 50/60 HZ 1~	CSIR	1340	1,98	733	1,46	55		
									45	468	58
NEK6213GK	12,11	1/2	220-240V 50Hz 1~	CSIR	1761	1,85	972	1,46	55		
									45	666	80
NEK6217GK	14,28	3/4	220-240V 50Hz 1~	CSR	2075	2,05	1166	1,69	55		
									45	777	94
NT6217GK	12,55	1/2	200-240V 50Hz / 230V 60Hz 1~	CSIR	1819	2,26	960	1,76	55		
									45	602	76
NT6217GK	12,55	1/2	200-240V 50Hz / 230V 60Hz 1~	CSR	1820	2,26	891	1,73	55		
									45	535	69
NT6217GK	12,55	1/2	220-240V 50Hz 1~	CSIR	1779	2,14	920	1,56	55		
									45	590	73
NT6217GK	12,55	3/4	220-240V 50Hz 1~	CSR	1848	2,51	952	1,80	55		
									45	603	75
NT6220GK	14,5	3/4	200-240V 50Hz / 230V 60Hz 1~	CSIR	2119	2,21	1080	1,67	55		
									45	678	85
NT6220GK	14,5	3/4	200-240V 50Hz / 230V 60Hz 1~	CSR	2206	2,37	1096	1,75	55		
									45	680	87
NT6222GK	17,39	3/4	200-240V 50Hz / 230V 60Hz 1~	CSIR	2489	2,09	1322	1,71	55		
									45	835	10
NT6222GK	17,39	3/4	200-240V 50Hz / 230V 60Hz 1~	CSR	2488	2,26	1307	1,70	55		
									45	810	10
NT6222GK	17,39	3/4	220-240V 50Hz 1~	CSIR	2482	2,02	1287	1,50	55		
									45	839	10
NT6222GK	17,39	3/4	220-240V 50Hz 1~	CSR	2482	2,23	1332	1,63	55		
									45	846	10
NT6224GK	20,44	1	220-240V 50HZ 1~	CSIR	3023	2,23	1573	1,59	55		
									45	996	12
NT6224GK	20,44	1	220-240V 50HZ 1~	CSR	3023	2,38	1573	1,69	55		
									45	996	12
NT6226GK	22,37	1	220-240V 50Hz 1~	CSIR	3221	2,09	1717	1,65	55		
									45	1105	13

LING CAPACITY EN12900 EVAPORATING TEMPERATURE °C NO SUBCOOLING W							MAX HEIGHT	WEIGHT	LRA	COOLING TYPE	FAN AIR FLOW (M3/H)	OIL		EXP DEVICE	DRAWINGS		MODEL
												CHARGE cm3	TYPE		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.	
-15	-10	-5	0	5	10		mm	kg	A								
245	303	370	448	535	634		166	7,8	7,7	F	520	180	POE 22	C/V	DWG01	SM05	**EMT6144GK**
307	377	459	552	656	774												
275	340	413	497	592	700		166	7,8	8,5	F	520	180	POE 22	C/V	DWG01	SM05	**EMT6152GK**
343	422	512	614	730	860												
310	385	472	570	682	808		166	7,8	10,4	F	520	180	POE 22	C/V	DWG01	SM05	**EMT6165GK**
392	482	588	706	840	990												
	314	384	465	559	666		187	10,4	9,6	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6144GK**
326	395	480	580	694	825												
	443	533	639	759	895		187	10,4	12,4	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6165GK**
454	542	650	781	931	1103												
	483	587	711	853	1013		187	10,4	12,0	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6181GK**
491	599	730	882	1057	1252												
	571	698	849	1021	1216		200	11,0	16,1	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6210GK**
598	724	877	1058	1265	1499												
	586	723	879	1054	1247		206	11,0	38,0	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6210GK**
589	733	900	1091	1305	1540												
	788	958	1150	1366	1603		206	11,6	19,3	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6213GK**
804	972	1171	1403	1666	1963												
	955	1157	1386	1638	1916		206	11,6	21,5	F	520	350	POE 22	C/V	DWG03	SM06	**NEK6217GK**
954	1166	1411	1690	2003	2347												
	732	914	1122	1357	1618		220	17,0	25,0	F	520	450	POE 22	C/V	DWG16	SM19	**NT6217GK**
764	960	1190	1453	1746	2068												
	692	878	1095	1339	1381		220	16,9	25,0	F	520	450	POE 22	C/V	DWG16	SM23	**NT6217GK**
691	891	1130	1406	1713	2048												
	699	870	1078	1321	1599		220	16,7	22,0	F	520	450	POE 22	C/V	DWG16	SM19	**NT6217GK**
734	920	1148	1415	1719	2062												
	742	925	1141	1390	1671		220	16,7	22,0	F	520	450	POE 22	C/V	DWG16	SM23	**NT6217GK**
758	952	1187	1460	1770	2116												
	853	1061	1307	1589	1907		220	17,0	29,5	F	520	450	POE 22	C/V	DWG16	SM19	**NT6220GK**
858	1080	1342	1645	1985	2362												
	861	1067	1305	1574	1876		220	17,2	29,5	F	520	450	POE 22	C/V	DWG16	SM23	**NT6220GK**
870	1096	1358	1657	1993	2365												
	1025	1275	1557	1869	2210		220	17,0	37,0	F	520	450	POE 22	C/V	DWG16	SM19	**NT6222GK**
1057	1322	1631	1980	2369	2797												
	1040	1294	1583	1903	2247		220	17,0	37,0	F	520	450	POE 22	C/V	DWG16	SM23	**NT6222GK**
1032	1307	1629	1992	2388	2813												
	995	1233	1520	1850	2222		220	17,2	30,0	F	520	450	POE 22	C/V	DWG16	SM19	**NT6222GK**
1034	1287	1597	1960	2371	2830												
	1038	1276	1551	1866	2226		220	17,2	30,0	F	520	450	POE 22	C/V	DWG16	SM23	**NT6222GK**
1071	1332	1635	1981	2372	2811												
	1244	1540	1879	2258	2678		234	17,2	29,0	F	520	450	POE 22	C/V	DWG17	SM22	**NT6224GK**
1261	1573	1933	2339	2787	3278												
	1244	1540	1879	2258	2678		234	17,2	29,0	F	520	450	POE 22	C/V	DWG17	SM21	**NT6224GK**
1261	1573	1933	2339	2787	3278												
	1369	1674	2030	2434	2887		234	17,5	38,0	F	520	450	POE 22	C/V	DWG17	SM22	**NT6226GK**
1383	1717	2108	2557	3057	3614												

NOTE: performance curves are calculated from Ashrae actual curves.

R404A / R507

MBP 50Hz

R134a | **R404A / R507** | R290 | R600a

LBP | **MBP** | M/HBP | HBP

50Hz | 60Hz

MODEL	DISPLACEMENT cm3	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - ASHRAE 7,2 °C / 54,4 °C		RATED POINT - EN12900 -10°C/45 °C		COOLING CA	
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W	CONDENSING TEMPERATURE °C	EVAP -20
NT6226GK	22,37	1	220-240V 50Hz 1~	CSR	3355	2,44	1752	1,79	55	
									45	1137
NTU6232GKV	20,44	1	220-240V 50HZ 1~	CSR	3297	2,86	1757	1,99	55	
									45	1148
NTU6234GKV	23,74	1 1/4	220-240V 50HZ 1~	CSR	3851	2,82	2091	2,02	55	
									45	1389
NTU6238GKV	26,21	1 1/2	220-240V 50HZ 1~	CSR	4212	2,74	2288	2,02	55	
									45	1523
NTU6240GKV	27,8	1 1/2	220-240V 50HZ 1~	CSR	4443	2,68	2426	2,01	55	
									45	1622
NJ9226GK	21,71	1	230V 50Hz 1~	CSR	3241	2,34	1648	1,70	55	
									45	982
NJ9232GK	26,11	1 1/2	220-240V 50Hz 1~	CSR	4030	2,56	1911	1,63	55	
									45	1093
NJ9238GK	32,67	1 1/2	230V 50Hz 1~	CSR	4620	2,09	2424	1,59	55	
									45	1507
NJ9226GS	21,71	1	380-420V 50Hz / 440-480V 60Hz 3~	3PHASE	3248	2,5	1667	1,79	55	
									45	989
NJ9232GS	26,11	1 1/2	380-420V 50Hz / 440-480V 60Hz 3~	3PHASE	4030	2,5	1972	1,80	55	
									45	1166
NJ9238GS	32,67	1 1/2	380-420V 50Hz / 440-480V 60Hz 3~	3PHASE	4839	2,55	2506	1,90	55	
									45	1514

R404A / R507

LBP 60Hz

R134a | **R404A / R507** | R290 | R600a

LBP | MBP | M/HBP | HBP

50Hz | **60Hz**

MODEL	DISPLACEMENT cm3	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - ASHRAE -23,3 °C / 54,4 °C		RATED POINT - ARI 540 -23,3°C/48,9 °C		COOLING CA	
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W	CONDENSING TEMPERATURE °C	EVAP -40
NEK2117GK	4,51	1/4	115V 60Hz 1~	CSIR	287	1,19	211	0,89	55	74
									45	92
NEK2121GK	5,44	1/3	115V 60Hz 1~	CSIR	355	1,24	261	0,92	55	90
									45	118
NEK2125GK	6,20	1/3	115V 60Hz 1~	CSIR	427	1,32	314	0,99	55	111
									45	141
NEK2134GK	8,77	1/2	115V 60Hz 1~	CSIR	571	1,32	420	0,99	55	125
									45	173
NEK2134GK	8,77	1/2	208-230V 60Hz 1~	CSIR	544	1,30	400	0,97	55	123
									45	164
NEK2134GK	8,77	1/2	100V 50/60Hz 1~	CSIR	529	1,24	387	0,93	55	115
									45	161
NEK2134GK	8,77	1/2	100V 50/60Hz 1~	CSR	533	1,33	391	1,00	55	117
									45	171
NEK2150GK	12,11	1/2	115V 60Hz 1~	CSIR	717	1,22	527	0,92	55	169
									45	231

OLING CAPACITY EN12900 EVAPORATING TEMPERATURE °C NO SUBCOOLING W							MAX HEIGHT	WEIGHT	LRA	COOLING TYPE	FAN AIR FLOW (M3/H)	OIL		EXP DEVICE	DRAWINGS		MODEL
	-15	-10	-5	-0	5	10	mm	kg	A			CHARGE cm3	TYPE		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.	
		1412	1724	2091	2518	3014	234	17,5	38,0	F	520	450	POE 22	C/V	DWG17	SM21	**NT6226GK**
7	1420	1753	2143	2597	3122	3724											
		1405	1704	2046	2445	2914	253	18,4	37,5	F	520	650	POE 22	C/V	DWG19	SM26	**NTU6232GKV**
8	1433	1754	2126	2561	3075	3681											
		1655	2022	2425	2847	3269	253	18,4	37,5	F	520	650	POE 22	C/V	DWG19	SM26	**NTU6234GKV**
9	1702	2089	2533	3014	3517	4023											
		1826	2233	2691	3186	3706	253	18,4	37,5	F	520	650	POE 22	C/V	DWG19	SM26	**NTU6238GKV**
3	1854	2282	2794	3376	4016	4700											
		1940	2358	2837	3372	3959	253	18,4	37,5	F	520	650	POE 22	C/V	DWG19	SM26	**NTU6240GKV**
2	1978	2425	2957	3570	4258	5017											
		1255	1581	1944	2340	2766	265	20,7	27,5	F	800	750	POE 22	C/V	DWG14	SM17	**NJ9226GK**
2	1285	1648	2066	2536	3055	3618											
		1414	1817	2271	2771	3315	277	21,6	43,0	F	800	750	POE 22	C/V	DWG14	SM17	**NJ9232GK**
3	1470	1911	2413	2973	3588	4255											
		1895	2323	2804	3347	3958	277	22,1	43,0	F	800	750	POE 22	C/V	DWG14	SM17	**NJ9238GK**
7	1939	2424	2970	3583	4272	5044											
		1278	1609	1980	2389	2838	265	19,0	10,0	F	800	750	POE 22	C/V	DWG14	SM18	**NJ9226GS**
9	1301	1667	2086	2560	3087	3668											
		1513	1911	2357	2853	3396	277	20,4	13,0	F	800	750	POE 22	C/V	DWG14	SM18	**NJ9232GS**
	1535	1972	2476	3047	3684	4388											
		1883	2345	2863	3435	4062	277	21,7	22,0	F	800	750	POE 22	C/V	DWG14	SM18	**NJ9238GS**
4	1979	2506	3091	3735	4441	5207											

NOTE: performance curves are calculated from Ashrae actual curves.

OLING CAPACITY ARI 540 EVAPORATING TEMPERATURE °C NO SUBCOOLING W							MAX HEIGHT	WEIGHT	LRA	COOLING TYPE	FAN AIR FLOW (M3/H)	OIL		EXP DEVICE	DRAWINGS		MODEL
	-35	-30	-25	-20	-15	-10	mm	kg	A			CHARGE cm3	TYPE		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.	
4	92	119	154	195	243	296	187	10,4	28,5	F	520	350	POE 22	C/V	DWG04	SM04	**NEK2117GK**
2	117	151	197	251	312	379											
0	116	149	191	240	296	359	187	10,4	26,5	F	520	350	POE 22	C/V	DWG04	SM04	**NEK2121GK**
8	151	193	245	306	376	454											
1	143	183	231	287	350	420	187	10,4	26,5	F	520	350	POE 22	C/V	DWG04	SM04	**NEK2125GK**
1	179	228	288	359	440	530											
5	175	236	307	387	476	573	200	11,0	37,5	F	520	350	POE 22	C/V	DWG04	SM04	**NEK2134GK**
3	231	303	387	485	594	714											
3	167	223	290	368	457	554	206	11,6	20,0	F	520	350	POE 22	C/V	DWG04	SM04	**NEK2134GK**
4	220	290	375	472	583	707											
5	162	218	284	357	448	544	206	11,5	34	F	520	350	POE 22	C/V	DWG04	SM04	**NEK2134GK**
1	224	292	382	482	589	706											
7	163	219	286	362	447	539	206	11,5	34	F	520	350	POE 22	C/V	DWG04	SM04	**NEK2134GK**
1	222	291	369	469	582	697											
9	226	298	385	486	599	725	206	11,6	41,5	F	520	350	POE 22	C/V	DWG04	SM04	**NEK2150GK**
1	300	389	496	622	766	927											

NOTE: performance curves are calculated from Ashrae actual curves.

R404A / R507

LBP 60Hz

R134a | **R404A / R507** | R290 | R600a

LBP | MBP | M/HBP | HBP

50Hz | **60Hz**

MODEL	DISPLACEMENT cm3	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - ASHRAE -23,3 °C / 54,4 °C		RATED POINT ARI 540 -23,3°C/48,9 °C		COOLING CA		
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W	CONDENSING TEMPERATURE °C	EVAP -40	-3
NEK2150GK	12,11	1/2	115V 60Hz 1~	CSR	731	1,34	536	1,01	55	181	24
									45	250	32
NEK2150GK	12,11	1/2	208-230V 60Hz 1~	CSIR	692	1,18	509	0,89	55	171	22
									45	235	29
NEK2150GK	12,11	1/2	100V 50/60Hz 1~	CSR	696	1,31	512	0,98	55	154	21
									45	213	28
NEK2168GK	14,3	3/4	115V 60Hz 1~	CSR	833	1,34	577	0,95	55	168	24
									45	244	33
NEK2168GK	14,3	3/4	208-230V 60Hz 1~	CSR	816	1,29	584	0,94	55	174	24
									45	244	33
NT2168GK(V)	14,50	3/4	115V 60Hz 1~	CSIR	770	1,21	566	0,90	55	156	22
									45	205	30
NT2168GK(V)	14,50	3/4	115V 60Hz 1~	CSR	830	1,41	610	1,03	55	137	22
									45	231	34
NT2168GK(V)	14,50	3/4	208-230V 60Hz 1~	CSIR	789	1,27	580	0,94	55	141	20
									45	215	30
NT2168GK(V)	14,50	3/4	208-230V 60Hz 1~	CSR	838	1,42	616	1,03	55	144	21
									45	219	32
NT2178GK(V)	17,39	1	115V 60Hz 1~	CSIR	1002	1,21	734	0,92	55	202	29
									45	285	41
NT2178GK(V)	17,39	1	115V 60Hz 1~	CSR	1050	1,41	772	1,05	55	204	30
									45	288	41
NT2178GK(V)	17,39	1	100V 50/60Hz 1~	CSR	1002	1,38	583	0,82	55	199	27
									45	280	39
NT2178GK(V)	17,39	1	208-230V 60Hz 1~	CSIR	1021	1,28	751	0,97	55	205	29
									45	282	40
NT2178GK(V)	17,39	1	208-230V 60Hz 1~	CSR	1070	1,35	790	1,03	55	206	29
									45	285	41
NT2180GK(V)	20,44	1	115V 60Hz 1~	CSIR	1120	1,18	823	0,88	55	185	29
									45	280	40
NT2180GK(V)	20,44	1	115V 60Hz 1~	CSR	1173	1,38	879	1,02	55	203	29
									45	285	41
NT2180GK(V)	20,44	1	208-230V 60Hz 1~	CSR	1161	1,32	854	0,99	55	199	32
									45	296	44
NT2192GK(V)	22,40	1 1/4	115V 60Hz 1~	CSIR	1230	1,19	904	0,97	55	261	38
									45	366	49
NT2192GK(V)	22,40	1 1/4	115V 60Hz 1~	CSR	1283	1,41	943	1,02	55	322	47
									45	385	53
NT2192GK(V)	22,37	1	208-230V 60Hz 1~	CSR	1262	1,43	928	1,05	55	256	37
									45	363	49
NT2212GKV	27,80	1 1/2	115V 60Hz 1~	CSR	1609	1,37	1183	1,00	55	282	48
									45	462	68
NT2212GK(V)	27,80	1 1/2	208-230V 60Hz 1~	CSR	1673	1,42	1230	1,03	55	363	52
									45	482	69
NT2168GS	14,50	3/4	200V 50/60Hz 3~	3PHASE	786	1,37	578	0,97	55	73	16
									45	145	25

OLING CAPACITY ARI 540 EVAPORATING TEMPERATURE °C NO SUBCOOLING W							MAX HEIGHT	WEIGHT	LRA	COOLING TYPE	FAN AIR FLOW (M3/H)	OIL		EXP DEVICE	DRAWINGS		MODEL
												CHARGE cm3	TYPE		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.	
)	-35	-30	-25	-20	-15	-10	mm	kg	A								
1	245	325	423	538	669	818	206	11,6	41,5	F	520	350	POE 22	C/V	DWG04	SM06	**NEK2150GK**
0	324	421	541	683	848	1036											
1	222	288	371	468	580	706	206	11,6	20,0	F	520	350	POE 22	C/V	DWG04	SM04	**NEK2150GK**
5	297	379	481	603	744	902											
4	212	285	372	472	586	711	206	11,6	20,0	F	520	350	POE 22	C/V	DWG04	SM04	**NEK2150GK**
3	283	374	482	607	747	901											
8	242	334	443	569	714	875	206	11,6	46,0	F	520	350	POE 22	C/V	DWG04	SM06	**NEK2168GK**
4	336	449	585	741	920	1119											
4	249	343	456	589	740	911	206	11,6	27,0	F	520	350	POE 22	C/V	DWG04	SM06	**NEK2168GK**
4	333	448	588	753	943	1159											
6	222	307	410	528	660	805	220	17,0	54,5	F	520	450	POE 22	C/V	DWG17	SM22	**NT2168GK(V)**
5	302	421	561	719	895	1085											
7	226	331	455	599	765	954	220	17,0	54,5	F	520	450	POE 22	C/V	DWG17	SM21	**NT2168GK(V)**
1	340	470	622	799	1003	1234											
1	209	300	420	545	685	838	220	16,7	29,0	F	520	450	POE 22	C/V	DWG16	SM20	**NT2168GK(V)**
5	309	425	563	722	901	1100											
4	212	305	426	572	746	945	220	16,7	29,0	F	520	450	POE 22	C/V	DWG16	SM23	**NT2168GK(V)**
9	323	455	614	801	1015	1257											
2	292	403	535	686	853	1034	220	17,0	66,0	F	520	450	POE 22	C/V	DWG17	SM22	**NT2178GK(V)**
3	401	546	719	916	1135	1376											
4	302	422	562	722	901	1098	220	17,0	66,0	F	520	450	POE 22	C/V	DWG17	SM21	**NT2178GK(V)**
8	415	566	744	945	1169	1415											
9	274	378	510	666	848	1055	220	17,1	66,0	F	520	450	POE 22	C/V	DWG17	SM21	**NT2178GK(V)**
0	393	535	703	899	1121	1366											
5	297	410	546	704	881	1077	220	17,0	35,5	F	520	450	POE 22	C/V	DWG16	SM20	**NT2178GK(V)**
2	404	553	727	927	1151	1399											
6	299	418	563	735	935	1166	220	17,0	35,5	F	520	450	POE 22	C/V	DWG16	SM23	**NT2178GK(V)**
5	415	572	758	975	1225	1509											
5	295	410	530	720	920	1140	220	17,5	66,0	F	520	450	POE 22	C/V	DWG17	SM22	**NT2180GK(V)**
0	408	563	738	955	1192	1462											
3	299	418	563	735	935	1166	220	17,5	66,0	F	520	450	POE 22	C/V	DWG17	SM21	**NT2180GK(V)**
5	415	572	758	975	1225	1509											
9	320	456	610	782	973	1184	234	17,5	40,0	F	520	450	POE 22	C/V	DWG16	SM23	**NT2180GK(V)**
6	440	610	809	1038	1298	1590											
1	381	515	663	822	993	1173	234	17,5	56,0	F	520	450	POE 22	C/V	DWG17	SM22	**NT2192GK(V)**
6	498	667	873	1113	1387	1693											
2	411	541	710	917	1160	1438	234	17,5	56,0	F	520	450	POE 22	C/V	DWG17	SM21	**NT2192GK(V)**
5	535	727	960	1233	1543	1890											
6	370	507	667	850	1052	1270	220	18,0	40,0	F	520	450	POE 22	C/V	DWG16	SM23	**NT2192GK(V)**
3	496	665	868	1103	1371	1666											
2	481	692	922	1179	1471	1805	250	18,3	93,0	F	520	650	POE 22	C/V	DWG17	SM26	**NT2212GKV**
2	681	925	1202	1518	1881	2299											
3	524	723	959	1233	1545	1894	250	18,3	45,0	F	520	650	POE 22	C/V	DWG17	SM26	**NT2212GK(V)**
2	693	949	1249	1592	1980	2412											
3	164	290	411	557	710	867	250	18,2	28,5	F	520	650	POE 22	C/V	DWG17	SM27	**NT2168GS**
5	259	397	542	714	914	1139											

NOTE: performance curves are calculated from Ashrae actual curves.

R404A / R507

LBP 60Hz

R134a | **R404A / R507** | R290 | R600a

LBP | MBP | M/HBP | HBP

50Hz | **60Hz**

MODEL	DISPLACEMENT cm3	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - ASHRAE -23,3 °C / 54,4 °C		RATED POINT - ARI 540 -23,3°C/48,9 °C		COOLING CA	
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W	CONDENSING TEMPERATURE °C	EVAP -40
NT2192GS	22,37	1	200V 50/60Hz 3~	3PHASE	1220	1,29	897	0,99	55	250
									45	347
NT2212GS	27,80	1 1/4	200V 50/60Hz 3~	3PHASE	1571	1,31	1155	0,98	55	314
									45	411
NJ2192GK	26,11	1 1/4	115V 60Hz 1~	CSR	1316	1,30	968	0,96	55	198
									45	270
NJ2192GK	26,11	1 1/4	208-230V 60Hz 1~	CSR	1319	1,30	970	0,96	55	83
									45	203
NJ2212GK	34,38	1 1/2	115V 60Hz 1~	CSR	1595	1,22	1173	0,90	55	180
									45	359
NJ2212GJ	34,38	1 1/2	208-230V 60Hz 1~	CSR	1609	1,25	1183	0,91	55	204
									45	418
NJ2192GS	26,11	1 1/4	380-420V 50Hz / 440-480V 60Hz 3~	3PHASE	1319	1,24	970	0,90	55	198
									45	270
NJ2212GS	34,38	1 1/2	380-420V 50Hz / 440-480V 60Hz 3~	3PHASE	1732	1,30	1273	0,96	55	166
									45	303

R404A / R507

MBP 60Hz

R134a | **R404A / R507** | R290 | R600a

LBP | **MBP** | M/HBP | HBP

50Hz | **60Hz**

MODEL	DISPLACEMENT cm3	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - ASHRAE 7,2 °C / 54,4 °C		RATED POINT - ARI 540 -6,7°C/48,9 °C		COOLING CA	
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W	CONDENSING TEMPERATURE °C	EVAP -20
NEK6144GK	4,51	1/4	115V 60Hz 1~	CSIR	842	2,14	400	1,28	55	183
									45	238
NEK6144GK	4,51	1/4	208-230V 60Hz 1~	CSIR	800	2,06	592	2,00	55	207
									45	250
NEK6152GK	5,44	1/3	115V 60Hz 1~	CSIR	1018	2,09	481	1,22	55	235
									45	302
NEK6165GK	6,2	1/3	115V 60Hz 1~	CSIR	1150	1,97	850	1,91	55	318
									45	380
NEK6181GK	7,28	1/3	115V 60Hz 1~	CSIR	1247	2,01	922	1,97	55	348
									45	418
NEK6181GK	7,28	1/3	115V 60Hz 1~	CSR	1321	2,33	977	2,24	55	344
									45	419
NEK6181GK	7,28	1/3	208-230V 60Hz 1~	CSIR	1290	2,07	954	2,04	55	375
									45	432
NEK6210GK	8,77	1/2	115V 60Hz 1~	CSIR	1569	2,07	1160	2,04	55	434
									45	511
NEK6210GK	8,77	1/2	115V 60Hz 1~	CSR	1612	2,3	1192	2,23	55	397
									45	493
NEK6210GK	8,77	1/2	100V 60Hz 1~	CSIR	1583	2,07	1170	2,03	55	404
									45	499
NEK6210GK	8,77	1/2	208-230V 60Hz 1~	CSIR	1540	2,1	1139	2,05	55	395
									45	490

OLING CAPACITY ARI 540 EVAPORATING TEMPERATURE °C NO SUBCOOLING W							MAX HEIGHT	WEIGHT	LRA	COOLING TYPE	FAN AIR FLOW (M3/H)	OIL		EXP DEVICE	DRAWINGS		MODEL
												CHARGE cm3	TYPE		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.	
)	-35	-30	-25	-20	-15	-10	mm	kg	A								
0	357	492	655	844	1060	1297	250	18,0	28,5	F	520	650	POE 22	C/V	DWG17	SM27	**NT2192GS**
7	487	660	867	1104	1372	1668											
4	452	622	822	1049	1304	1583	250	18,0	36,0	F	520	650	POE 22	C/V	DWG17	SM27	**NT2212GS**
1	607	833	1090	1375	1687	2025											
8	311	444	600	783	993	1234	277	21,7	98,0	F	800	750	POE 22	C/V	DWG14	SM16	**NJ2192GK**
0	440	624	827	1052	1303	1582											
3	236	405	589	791	1010	1245	277	21,8	40,0	F	800	750	POE 22	C/V	DWG14	SM16	**NJ2192GK**
3	390	594	814	1052	1309	1586											
0	377	594	834	1097	1386	1699	277	21,5	86,5	F	800	750	POE 22	C/V	DWG14	SM16	**NJ2212GK**
9	569	819	1109	1441	1819	2241											
4	396	613	857	1125	1414	1725	277	21,4	54,0	F	800	750	POE 22	C/V	DWG14	SM16	**NJ2212GJ**
8	605	845	1138	1483	1877	2317											
8	311	444	601	782	993	1232	265	19,7	13,0	F	800	750	POE 22	C/V	DWG14	SM18	**NJ2192GS**
0	440	624	827	1052	1303	1582											
6	357	561	783	1030	1306	1616	277	20,4	13,0	F	800	750	POE 22	C/V	DWG14	SM18	**NJ2212GS**
3	524	771	1050	1368	1733	2149											

NOTE: performance curves are calculated from Ashrae actual curves.

OLING CAPACITY ARI 540 EVAPORATING TEMPERATURE °C NO SUBCOOLING W							MAX HEIGHT	WEIGHT	LRA	COOLING TYPE	FAN AIR FLOW (M3/H)	OIL		EXP DEVICE	DRAWINGS		MODEL
												CHARGE cm3	TYPE		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.	
)	-15	-10	-5	0	5	10	mm	kg	A								
3	233	291	358	435	519	613	187	10,0	26,0	F	520	350	POE 22	C/V	DWG04	SM04	**NEK6144GK**
8	303	379	467	567	679	802											
7	257	316	384	464	555	661	187	10,4	26,5	F	520	350	POE 22	C/V	DWG04	SM04	**NEK6144GK**
0	316	391	476	573	683	807											
5	293	362	441	530	630	741	187	10,2	26	F	520	350	POE 22	C/V	DWG04	SM04	**NEK6152GK**
2	375	462	563	678	808	951											
8	383	463	558	667	790	928	187	10,4	26,5	F	520	350	POE 22	C/V	DWG04	SM04	**NEK6165GK**
0	458	555	671	806	958	1130											
8	424	511	611	726	856	1006	187	10,4	26,5	F	520	350	POE 22	C/V	DWG04	SM04	**NEK6181GK**
8	504	611	738	888	1062	1265											
4	415	509	624	756	902	1060	187	10,4	26,5	F	520	350	POE 22	C/V	DWG04	SM06	**NEK6181GK**
9	513	633	774	933	1106	1292											
5	426	506	612	740	886	1048	187	10,4	17,5	F	520	350	POE 22	C/V	DWG04	SM04	**NEK6181GK**
2	508	616	752	913	1095	1295											
4	516	621	749	901	1075	1272	200	11	38	F	520	350	POE 22	C/V	DWG04	SM04	**NEK6210GK**
1	620	756	918	1105	1317	1555											
7	495	615	757	920	1104	1310	200	11	38	F	520	350	POE 22	C/V	DWG04	SM06	**NEK6210GK**
3	618	766	937	1131	1347	1587											
4	502	618	753	905	1074	1256	206	11	38	F	520	350	POE 22	C/V	DWG04	SM06	**NEK6210GK**
9	623	770	939	1130	1343	1573											
5	486	597	728	878	1048	1239	206	11,5	23	F	520	350	POE 22	C/V	DWG04	SM04	**NEK6210GK**
0	606	745	906	1089	1292	1520											

NOTE: performance curves are calculated from Ashrae actual curves.

R404A / R507

MBP 60Hz

R134a | **R404A / R507** | R290 | R600a

LBP | **MBP** | M/HBP | HBP

50Hz | **60Hz**

MODEL	DISPLACEMENT cm3	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - ASHRAE 7,2 °C / 54,4 °C		RATED POINT - ARI 540 -6,7°C/48,9 °C		COOLING CA	
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W	CONDENSING TEMPERATURE °C	EVAP -20
NEK6213GK	12,11	1/2	115V 60Hz 1~	CSIR	1952	1,70	1444	1,69	55	526
									45	634
NEK6213GK	12,11	1/2	115V 60Hz 1~	CSR	2066	1,96	1528	1,92	55	543
									45	647
NEK6213GK	12,11	1/2	208-230V 60Hz 1~	CSIR	2035	1,84	1505	1,86	55	531
									45	654
NT6217GK(V)	12,60	3/4	115V 60Hz 1~	CSIR	2163	2,20	1030	1,26	55	499
									45	726
NT6217GK(V)	12,60	3/4	115V 60Hz 1~	CSR	2251	2,68	1072	1,54	55	478
									45	656
NT6217GK(V)	12,60	3/4	208-230V 60Hz 1~	CSIR	2148	2,13	1070	1,25	55	507
									45	655
NT6217GK(V)	12,60	3/4	208-230V 60Hz 1~	CSR	2238	2,60	1115	1,53	55	531
									45	677
NT6220GKV	14,50	3/4	115V 60Hz 1~	CSIR	2480	2,14	1240	1,39	55	576
									45	739
NT6220GKV	14,50	3/4	115V 60Hz 1~	CSR	2490	2,34	1250	1,52	55	556
									45	752
NT6220GKV	14,50	3/4	208-230V 60Hz 1~	CSIR	2423	2,00	1247	1,38	55	610
									45	769
NT6220GKV	14,50	3/4	208-230V 60Hz 1~	CSR	2566	2,36	1283	1,57	55	575
									45	757
NT6222GK(V)	17,40	1	115V 60Hz 1~	CSIR	3040	2,13	1565	1,34	55	772
									45	985
NT6222GK(V)	17,40	1	115V 60Hz 1~	CSR	3040	2,39	1569	1,58	55	792
									45	988
NT6222GK(V)	17,40	1	208-230V 60Hz 1~	CSIR	2928	1,88	1475	1,14	55	752
									45	952
NT6222GK(V)	17,40	1	208-230V 60Hz 1~	CSR	3051	2,30	1537	1,40	55	744
									45	975
NT6224GKV	20,44	1	115V 60Hz 1~	CSR	3612	2,30	1859	1,55	55	893
									45	1144
NT6224GKV	20,44	1	208-230V 60Hz 1~	CSR	3512	2,25	1808	1,55	55	890
									45	1134
NT6226GK(V)	22,40	1	115V 60Hz 1~	CSR	3884	2,12	1942	1,41	55	970
									45	1244
NT6226GK(V)	22,40	1	208-230V 60Hz 1~	CSR	3734	1,93	2009	1,48	55	952
									45	1220
NT6226GK(V)	22,40	1	208-230V 60Hz 1~	CSIR	3689	1,77	1985	1,35	55	932
									45	1209
NTU6232GKV	20,44	1	115V 60Hz 1~	CSR	4060	2,77	2090	1,76	55	768
									45	1261
NTU6232GKV	20,44	1	208-230V 60Hz 1~	CSR	4032	2,84	2101	1,73	55	921
									45	1232
NTU6234GKV	23,74	1 1/4	115V 60Hz 1~	CSR	4635	2,71	2419	1,76	55	1127
									45	1506

OLING CAPACITY ARI 540 EVAPORATING TEMPERATURE °C NO SUBCOOLING W							MAX HEIGHT	WEIGHT	LRA	COOLING TYPE	FAN AIR FLOW (M3/H)	OIL		EXP DEVICE	DRAWINGS		MODEL
	-15	-10	-5	0	5	10	mm	kg	A			CHARGE cm3	TYPE		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.	
5	653	799	965	1148	1348	1568	206	11,6	51	F	520	350	POE 22	C/V	DWG04	SM04	**NEK6213GK**
4	786	963	1166	1393	1421	1921											
3	667	819	994	1196	1221	1671	206	11,6	51	F	520	350	POE 22	C/V	DWG04	SM06	**NEK6213GK**
7	804	990	1204	1445	1713	2008											
1	662	815	987	1180	1390	1621	206	11,9	30,0	F	520	350	POE 22	C/V	DWG04	SM04	**NEK6213GK**
4	813	998	1207	1438	1693	1971											
9	622	773	949	1153	1384	1641	220	17,0	50,0	F	520	450	POE 22	C/V	DWG16	SM20	**NT6217GK(V)**
5	819	974	1192	1471	1813	2216											
3	602	774	992	1256	1567	1924	220	16,7	50,0	F	520	450	POE 22	C/V	DWG16	SM23	**NT6217GK(V)**
5	811	1017	1273	1581	1938	2347											
7	639	791	965	1161	1378	1616	220	17,0	27,0	F	520	450	POE 22	C/V	DWG16	SM20	**NT6217GK(V)**
5	819	1015	1244	1505	1799	2126											
1	676	846	1041	1260	1503	1769	220	16,7	27,0	F	520	450	POE 22	C/V	DWG16	SM23	**NT6217GK(V)**
7	851	1060	1304	1582	1896	2244											
5	744	943	1170	1423	1698	1997	220	17,0	54,5	F	520	450	POE 22	C/V	DWG17	SM22	**NT6220GKV**
9	943	1187	1468	1782	2128	2505											
5	724	918	1138	1383	1653	1949	220	16,7	54,5	F	520	450	POE 22	C/V	DWG17	SM21	**NT6220GKV**
2	966	1208	1477	1773	2097	2448											
	771	955	1165	1400	1663	1957	220	16,9	26,5	F	520	450	POE 22	C/V	DWG16	SM20	**NT6220GKV**
9	962	1187	1447	1742	2075	2449											
5	733	936	1186	1482	1825	2214	220	16,9	26,5	F	520	450	POE 22	C/V	DWG16	SM23	**NT6220GKV**
7	950	1203	1516	1889	2323	2818											
2	962	1190	1455	1755	2090	2461	220	17,0	70,0	F	520	450	POE 22	C/V	DWG17	SM22	**NT6222GK(V)**
5	1207	1478	1796	2160	2570	3027											
2	1017	1276	1570	1899	2263	2661	220	17,0	70,0	F	520	450	POE 22	C/V	DWG17	SM21	**NT6222GK(V)**
3	1273	1598	1964	2370	2816	3303											
2	940	1166	1425	1708	2012	2331	220	17,2	33,7	F	520	450	POE 22	C/V	DWG16	SM20	**NT6222GK(V)**
2	1185	1462	1779	2129	2506	2905											
4	945	1185	1459	1766	2100	2459	220	17,2	33,7	F	520	450	POE 22	C/V	DWG16	SM23	**NT6222GK(V)**
5	1231	1532	1873	2253	2665	3108											
3	1125	1399	1714	2068	2460	2893	234	16,9	77,0	F	520	450	POE 22	C/V	DWG16	SM23	**NT6224GKV**
4	1419	1744	2120	2543	3014	3533											
0	1126	1392	1690	2023	2392	2804	220	16,8	36,0	F	520	450	POE 22	C/V	DWG16	SM23	**NT6224GKV**
4	1409	1724	2083	2488	2940	3447											
0	1187	1468	1811	2218	2688	3221	234	17,5	77,0	F	520	450	POE 22	C/V	DWG17	SM26	**NT6226GK(V)**
4	1512	1858	2281	2782	3361	4019											
2	1203	1493	1822	2189	2595	3039	234	17,5	43,0	F	520	450	POE 22	C/V	DWG17	SM22	**NT6226GK(V)**
0	1529	1886	2292	2745	3246	3796											
2	1165	1438	1752	2107	2503	2939	234	18,0	43,0	F	520	450	POE 22	C/V	DWG17	SM21	**NT6226GK(V)**
9	1500	1837	2220	2650	3127	3649											
3	1017	1298	1612	1959	2339	2751	250	18,1	93,0	F	520	650	POE 22	C/V	DWG19	SM26	**NTU6232GKV**
1	1604	1989	2415	2884	3394	3947											
L	1225	1561	1907	2278	2670	3090	250	18,1	46,0	F	520	650	POE 22	C/V	DWG19	SM26	**NTU6232GKV**
2	1589	1998	2439	2906	3420	3970											
7	1428	1772	2165	2613	3122	3698	250	18,4	81,0	F	520	650	POE 22	C/V	DWG19	SM26	**NTU6234GKV**
6	1885	2320	2814	3376	4019	4768											

NOTE: performance curves are calculated from Ashrae actual curves.

R404A / R507

MBP 60Hz

R134a | **R404A / R507** | R290 | R600a

LBP | **MBP** | M/HBP | HBP

50Hz | **60Hz**

MODEL	DISPLACEMENT cm3	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - ASHRAE 7,2 °C / 54,4 °C		RATED POINT - ARI 540 -6,7°C/48,9 °C		COOLING CA	
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W	CONDENSING TEMPERATURE °C	EVAP -20	-1
NTU6234GKV	23,74	1 1/4	208-230V 60Hz 1~	CSR	4688	2,77	2477	1,73	55	1463	18
									45	1945	24
NTU6238GKV	26,21	1 1/2	208-230V 60Hz 1~	CSR	5154	2,70	2748	1,74	55	1242	16
									45	1726	21
NTU6240GKV	27,80	1 1/2	208-230V 60Hz 1~	CSR	5368	2,60	2860	1,71	55	1330	17
									45	1783	22
NTU6232GSV	20,44	1	200-230V 60Hz 3~	3PHASE	3966	2,77	2035	1,76	55	925	12
									45	1264	15
NTU6234GSV	23,74	1 1/4	200-230V 60Hz 3~	3PHASE	4524	2,68	2378	1,77	55	1103	14
									45	1492	18
NTU6238GSV	26,21	1 1/2	200-230V 60Hz 3~	3PHASE	4952	2,56	2635	1,73	55	1256	15
									45	1671	20
NTU6240GSV	27,80	1 1/2	200-230V 60Hz 3~	3PHASE	5292	2,54	2779	1,69	55	1326	16
									45	1763	22
NJ9226GK	21,70	1	208-230V 60Hz 1~	CSR	3708	2,20	2742	2,19	55	784	10
									45	1088	13
NJ9232GK	26,11	1 1/4	208-230V 60Hz 1~	CSR	4704	2,40	3479	2,36	55	992	13
									45	1293	16
NJ9238GK	32,67	1 1/2	230V 60Hz 1~	CSR	5184	2,04	3834	2,04	55	1205	16
									45	1601	20
NJ9226GS	21,70	1	380-420V 50Hz / 440-480V 60Hz 3~	3PHASE	3801	2,50	2811	2,38	55	728	96
									45	947	12
NJ9232GS	26,11	1 1/4	380-420V 50Hz / 440-480V 60Hz 3~	3PHASE	4716	2,50	3488	2,47	55	856	11
									45	1116	14
NJ9238GS	32,67	1 1/2	380-420V 50Hz / 440-480V 60Hz 3~	3PHASE	5661	2,55	4186	2,51	55	1301	16
									45	1695	21

OLING CAPACITY ARI 540 EVAPORATING TEMPERATURE °C NO SUBCOOLING W							MAX HEIGHT	WEIGHT	LRA	COOLING TYPE	FAN AIR FLOW (M3/H)	OIL		EXP DEVICE	DRAWINGS		MODEL
	-15	-10	-5	0	5	10	mm	kg	A			CHARGE cm3	TYPE		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.	
3	1830	2237	2685	3175	3705	4290	250	18,1	46,0	F	520	650	POE 22	C/V	DWG19	SM26	**NTU6234GKV**
5	2400	2905	3459	4065	4720	5420											
2	1603	1976	2408	2948	3510	4140	250	18,3	51,0	F	520	650	POE 22	C/V	DWG19	SM26	**NTU6238GKV**
6	2167	2626	3150	3788	4450	5195											
0	1704	2065	2485	3035	3590	4210	250	18,3	51,0	F	520	650	POE 22	C/V	DWG19	SM26	**NTU6240GKV**
3	2237	2699	3240	3933	4650	5450											
5	1200	1504	1846	2231	2645	3100	250	18,4	36,0	F	520	650	POE 22	C/V	DWG19	SM27	**NTU6232GSV**
4	1595	1966	2387	2863	3407	3950											
3	1416	1766	2156	2588	3060	3570	250	18,3	36,0	F	520	650	POE 22	C/V	DWG19	SM27	**NTU6234GSV**
2	1875	2306	2789	3326	3910	4530											
6	1598	1978	2395	2846	3340	3880	250	18,3	36,0	F	520	650	POE 22	C/V	DWG19	SM27	**NTU6238GSV**
1	2092	2561	3078	3640	4250	4905											
	1683	2079	2519	3009	3540	4110	250	18,3	40,0	F	520	650	POE 22	C/V	DWG19	SM27	**NTU6240GSV**
3	2202	2694	3246	3861	4530	5250											
4	1052	1364	1718	2110	2542	3013	265	20,7	34,0	F	800	750	POE 22	C/V	DWG14	SM17	**NJ9226GK**
8	1391	1754	2176	2655	3189	3780											
2	1313	1695	2137	2636	3190	3802	277	21,5	40,0	F	800	750	POE 22	C/V	DWG14	SM17	**NJ9232GK**
3	1672	2131	2669	3284	3971	4737											
5	1602	2036	2505	3006	3536	4102	277	22,1	59,0	F	800	750	POE 22	C/V	DWG14	SM17	**NJ9238GK**
1	2053	2564	3133	3757	4434	5169											
3	960	1236	1554	1911	2307	2743	265	19	10,0	F	800	750	POE 22	C/V	DWG14	SM18	**NJ9226GS**
7	1223	1556	1942	2382	2873	3419											
5	1133	1464	1845	2276	2754	3282	277	20,4	13,0	F	800	750	POE 22	C/V	DWG14	SM18	**NJ9232GS**
6	1444	1840	2305	2835	3429	4090											
1	1681	2131	2649	3233	3880	4595	277	21,7	22,0	F	800	750	POE 22	C/V	DWG14	SM18	**NJ9238GS**
5	2178	2735	3365	4067	4836	5679											

NOTE: performance curves are calculated from Ashrae actual curves.

R290
LBP 50Hz

R134a | R404A / R507 | R290 | R600a

LBP | MBP | M/HBP | HBP

50Hz | 60Hz

MODEL	DISPLACEMENT cm3	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - ASHRAE -23,3 °C / 54,4 °C		RATED POINT - EN12900 -35°C/40 °C		COOLING CA	
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W	CONDENSING TEMPERATURE °C	EVAP -40
EMT1117U	4,5	1/5	220-240V / 50Hz 1~	RSCR	208	1,47	123	1,18	55	
									45	85
EMT1121U	5,56	1/3-	220-240V / 50Hz 1~	RSCR	269	1,54	159	1,25	55	
									45	111
EMT1125U	5,96	1/3	220-240V / 50Hz 1~	RSCR	301	1,53	177	1,24	55	
									45	124
EMT1130U	6,76	1/3+	220-240V / 50Hz 1~	RSCR	340	1,51	198	1,20	55	
									45	138
EMT2117U	4,5	1/5	220-240V / 50Hz 1~	CSIR	209	1,38	123	1,13	55	
									45	85
EMT2121U	5,56	1/3-	220-240V / 50Hz 1~	CSIR	265	1,46	159	1,20	55	
									45	111
EMT2125U	5,96	1/3	220-240V / 50Hz 1~	CSIR	301	1,48	177	1,19	55	
									45	124
EMT2130U	6,76	1/3+	220-240V / 50Hz 1~	CSIR	340	1,42	196	1,12	55	
									45	138
EMTE2134U	9,5	1/4	220-240V / 50Hz 1~	CSIR	433	1,46	265	1,31	55	201
									45	182
NEK2121U	6,2	1/4	220-240V 50Hz 1~	CSIR	247	1,19	141	0,85	55	
									45	95
NEK1121U	6,2	1/4	220-240V 50Hz 1~	RSIR	275	1,32	161	1,05	55	
									45	118
NEK2125U	7,28	1/3	220-240V 50Hz 1~	CSIR	317	1,31	199	1,11	55	
									45	154
NEK2134U	10,00	1/2	220-240V 50Hz 1~	CSIR	449	1,36	271	1,21	55	
									45	208
NEK2150U	13,54	1/2	220-240V 50Hz 1~	CSIR	582	1,31	334	1,06	55	
									45	237
NEK1150U	13,54	1/2	220-240V 50Hz 1~	RSIR	571	1,22	333	0,99	55	
									45	237
NEK2160U	16,8	3/4	220-240V 50Hz 1~	CSR	729	1,44	427	1,20	55	
									45	306
NT2160U	17,4	3/4	220-240V 50Hz 1~	CSIR	703	1,36	400	1,10	55	
									45	260
NT2160U	17,4	3/4	220-240V 50Hz 1~	CSR	703	1,44	407	1,18	55	
									45	266
NT2170U	20,4	3/4	220-240V 50Hz 1~	CSIR	816	1,31	488	1,13	55	
									45	333
NT2170U	20,4	3/4	220-240V 50Hz 1~	CSR	831	1,44	486	1,19	55	
									45	327
NT2180U	22,4	1	220-240V 50Hz 1~	CSIR	931	1,34	550	1,12	55	
									45	380
NT2180U	22,4	1	220-240V 50Hz 1~	CSR	935	1,46	563	1,23	55	
									45	388
NT2210U	27,8	1 1/4	220-240V 50Hz 1~	CSR	1186	1,41	689	1,17	55	
									45	482

LING CAPACITY EN12900 EVAPORATING TEMPERATURE °C NO SUBCOOLING W							MAX HEIGHT	WEIGHT	LRA	COOLING TYPE	FAN AIR FLOW (M3/H)	OIL		EXP DEVICE	DRAWINGS		MODEL
												CHARGE	TYPE		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.	
-35	-30	-25	-20	-15	-10		mm	kg	A			cm3					
	120	155	195	242	296		166	7,8	7,1	S		180	POE 22	C	DWG01	SM00	**EMT1117U**
112	145	184	230	283	345												
	156	200	252	312	380		166	7,8	7,7	S		180	POE 22	C	DWG01	SM00	**EMT1121U**
145	188	238	298	365	440												
	176	225	282	348	422		166	7,8	9,8	S		180	POE 22	C	DWG01	SM00	**EMT1125U**
162	209	265	330	402	486												
	196	252	315	390	472		171	8,0	12,4	F	520	180	POE 22	C/V	DWG01	SM00	**EMT1130U**
180	233	295	368	450	542												
	120	155	195	242	296		166	7,8	7,7	S		180	POE 22	C	DWG01	SM05	**EMT2117U**
112	145	184	230	283	345												
	156	200	252	312	380		166	7,8	7,7	F	520	180	POE 22	C/V	DWG01	SM05	**EMT2121U**
145	188	238	298	365	440												
	176	225	282	348	422		166	7,8	9,8	S		180	POE 22	C	DWG01	SM05	**EMT2125U**
162	209	265	330	402	486												
	196	252	315	390	472		171	8,0	12,4	F	520	180	POE 22	C	DWG01	SM05	**EMT2130U**
180	233	295	368	450	542												
266	331		533		752		170	7,8	16,2	F	UD.	210	UD.	UD.			**EMTE2134U**
251	320		507		703												
	136	183	238	302	376		187	10,4	12,4	F	520	350	POE 22	C/V	DWG03	SM05	**NEK2121U**
126	168	220	284	358	444												
	163	208	261	323	393		187	10,4	15,5	S		350	POE 22	C	DWG03	SM03	**NEK1121U**
150	192	243	306	377	459												
	187	237	299	374	462		187	10,4	12,4	F	520	350	POE 22	C/V	DWG03	SM05	**NEK2125U**
182	224	281	353	439	540												
	269	338	423	523	639		200	11,0	13,1	F	520	350	POE 22	C/V	DWG03	SM05	**NEK2134U**
252	315	395	494	611	746												
	339	435	550	683	835		206	11,6	19,5	F	520	350	POE 22	C/V	DWG03	SM05	**NEK2150U**
309	403	515	650	804	979												
	337	429	538	661	801		206	11,6	24,3	F	520	350	POE 22	C	DWG03	SM03	**NEK1150U**
309	398	506	630	773	933												
	428	547	688	848	1030		206	11,9	21	F	520	350	POE 22	C/V	DWG04	SM03	**NEK2160U**
395	508	646	808	995	1206												
	378	497	638	799	979		220	18	21	F	520	450	POE 22	C/V	DWG16	SM19	**NT2160U**
348	463	601	765	954	1167												
	381	501	644	811	1000		220	18	21	F	520	450	POE 22	C/V	DWG16	SM23	**NT2160U**
355	470	609	774	964	1179												
	470	608	770	955	1162		220	18	25	F	520	450	POE 22	C/V	DWG16	SM19	**NT2170U**
441	577	740	932	1150	1395												
	476	620	788	981	1196		220	18	25	F	520	450	POE 22	C/V	DWG16	SM23	**NT2170U**
441	583	753	951	1176	1430												
	536	693	874	1077	1302		234	18,2	35	F	520	450	POE 22	C/V	DWG16	SM19	**NT2180U**
501	653	835	1047	1290	1563												
	536	697	886	1101	1344		234	18,2	35	F	520	450	POE 22	C/V	DWG16	SM23	**NT2180U**
507	659	844	1062	1312	1595												
	677	875	1108	1374	1675		234	18,5	33	F	520	450	POE 22	C/V	DWG17	SM26	**NT2210U**
626	813	1041	1310	1620	1969												

NOTE: performance curves are calculated from Ashrae actual curves.

R290
MBP 50Hz

R134a | R404A / R507 | **R290** | R600a

LBP | **MBP** | M/HBP | HBP

50Hz | 60Hz

MODEL	DISPLACEMENT cm3	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - ASHRAE 7,2 °C / 54,4 °C		RATED POINT - EN12900 -10°C/45 °C		COOLING CA	
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W	CONDENSING TEMPERATURE °C	EVAP -20	-1
EMT6144U	4,5	1/4-	220-240V 50Hz 1~	CSIR	616	2,62	343	2,00	55	195	23
									45	228	28
EMT6152U	5,2	1/4	220-240V 50Hz 1~	CSIR	728	2,61	418	2,04	55	242	30
									45	278	34
EMT6165U	5,96	1/3-	220-240V 50Hz 1~	CSIR	840	2,57	485	1,96	55	284	34
									45	330	40
EMTE6181U	7,55	1/4	220-240V / 50Hz 1~	CSIR	1004	2,72	697	2,77	45		46
									55		44
NEK6152U	5,45	1/4	220-240V 50Hz 1~	CSIR	730	2,55	402	1,84	55		
									45	286	33
NEK6165U	6,2	1/4	220-240V 50Hz 1~	CSIR	839	2,44	464	1,75	55		
									45	315	38
NEK6181U	7,28	1/3	220-240V 50Hz 1~	CSIR	949	2,46	523	1,78	55		
									45	367	43
NEK6210U	8,78	1/3	220-240V 50Hz 1~	CSIR	1169	2,55	640	1,88	55		
									45	434	5
NEK6213U	12,12	1/2	220-240V 50Hz 1~	CSIR	1586	2,29	883	1,68	55		
									45	594	72
NEK6214U	12,12	1/2	220-240V 50Hz 1~	CSIR	1512	2,28	879	1,91	55		
									45	574	71
NEK6124U	12,12	1/2	220-240V 50Hz 1~	CSR	1571	2,61	894	2,05	55		
									45	593	73
NEK6217U	14,3	1/2	220-240V 50Hz 1~	CSIR	1820	2,21	1018	1,73	55		
									45	681	83
NEK6217U	14,3	3/4	220-240V 50Hz 1~	CSR	1885	2,54	1051	1,94	55		
									45	702	86
NT6217U	14,5	1/2	220-240V 50Hz 1~	CSIR	1786	2,58	952	1,87	55		
									45	506	75
NT6220U	17,4	3/4	220-240V 50Hz 1~	CSIR	2202	2,45	1193	1,76	55		
									45	757	95
NT6220U	17,4	3/4	220-240V 50Hz 1~	CSR	2250	2,79	1167	1,88	55		
									45	742	93
NT6222U	20,4	3/4	220-240V 50Hz 1~	CSIR	2537	2,37	1372	1,74	55		
									45	865	10
NT6222U	20,4	1	220-240V 50Hz 1~	CSR	2635	2,77	1412	1,92	55		
									45	897	11
NT6224U	22,4	1	220-240V 50Hz 1~	CSR	2843	2,73	1558	2,11	55		
									45	966	12

LING CAPACITY EN12900 EVAPORATING TEMPERATURE °C NO SUBCOOLING W							MAX HEIGHT	WEIGHT	LRA	COOLING TYPE	FAN AIR FLOW (M3/H)	OIL		EXP DEVICE	DRAWINGS		MODEL
	-15	-10	-5	0	5	10	mm	kg	A			CHARGE cm3	TYPE		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.	
5	238	290	354	426	510	604	166	7,8	7,7	S		180	POE 22	C/V	DWG01	SM05	**EMT6144U**
3	280	342	416	502	598	705											
2	301	363	432	514	612	730	166	7,8	8,5	F	520	180	POE 22	C/V	DWG01	SM05	**EMT6152U**
3	346	418	500	595	710	844											
4	348	420	500	596	710	846	166	7,8	10,4	F	520	180	POE 22	C/V	DWG01	SM05	**EMT6165U**
0	402	485	580	690	822	978											
	465	580	695	828	995	1163	170	7,8	17,4	F	UD.	210	UD.	UD.			**EMTE6181U**
	442	549	657	795	952	1109											
		348	424	511	607	714	187	10,4	9,6	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6152U**
6	331	402	487	588	704	833											
		398	484	583	696	822	187	10,4	12	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6165U**
5	381	464	561	675	803	947											
		447	548	664	793	930	187	10,4	12	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6181U**
7	432	523	637	770	919	1080											
		549	670	811	969	1145	200	11	16,1	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6210U**
	526	640	776	936	1118	1322											
		763	927	1112	1317	1540	206	11,6	19,3	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6213U**
4	723	882	1069	1281	1516	1772											
		746	882	1023	1170	1323	206	11,7	17	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6214U**
4	710	870	1055	1265	1499	1758											
		762	926	1115	1328	1566	206	11,7	17	F	520	350	POE 22	C/V	DWG03	SM06	**NEK6214U**
3	731	892	1077	1284	1515	1770											
		875	1060	1271	1508	1771	206	11,6	24	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6217U**
1	833	1018	1233	1481	1759	2068											
		893	1085	1306	1556	1834	206	11,6	24	F	520	350	POE 22	C/V	DWG03	SM06	**NEK6217U**
2	861	1051	1273	1526	1810	2124											
		792	987	1215	1473	1764	220	16,9	25	F	520	450	POE 22	C/V	DWG16	SM19	**NT6217U**
5	756	952	1183	1449	1752	2089											
		995	1236	1506	1803	2129	220	17	30	F	520	450	POE 22	C/V	DWG16	SM19	**NT6220U**
7	954	1193	1472	1791	2150	2549											
		976	1215	1492	1806	2158	220	17	30	F	520	450	POE 22	C/V	DWG16	SM23	**NT6220U**
2	934	1167	1443	1761	2121	2524											
		1118	1400	1726	2097	2505	220	17	30	F	520	450	POE 22	C/V	DWG16	SM19	**NT6222U**
5	1095	1372	1695	2060	2465	2907											
		1177	1471	1803	2174	2581	220	17	30	F	520	450	POE 22	C/V	DWG16	SM23	**NT6222U**
7	1132	1412	1735	2104	2513	2965											
		1274	1583	1938	2336	2773	220	17,2	26	F	520	450	POE 22	C/V	DWG16	SM23	**NT6224U**
5	1239	1557	1920	2321	2761	3232											

NOTE: performance curves are calculated from Ashrae actual curves.

R290
LBP 60Hz

R134a | R404A / R507 | **R290** | R600a

LBP | MBP | M/HBP | HBP

50Hz | **60Hz**

MODEL	DISPLACEMENT cm3	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - ASHRAE -23,3 °C / 54,4 °C		RATED POINT - ARI 540 -23,3°C/48,9 °C		COOLING CA	
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W	CONDENSING TEMPERATURE °C	EVAP -40	-3
NEK2134U	10	1/2	115V 60Hz 1~	CSIR	538	1,38	415	1,10	55	157	20
									45	192	25
NEK2150U	13,54	1/2	115V 60Hz 1~	CSIR	687	1,25	550	1,02	55	204	27
									45	248	32
NEK2150U	13,54	1/2	115V 60Hz 1~	CSR	708	1,38	554	1,11	55	208	27
									45	255	33
NT2160UV	17,4	3/4	115V 60Hz 1~	CSR	827	1,42	638	1,1	55	228	30
									45	300	37
NT2160U(V)	17,4	3/4	208-230V 60Hz 1~	CSIR	828	1,34	604	1,00	55	242	31
									45	298	38
NT2170UV	20,44	1	115V 60Hz 1~	CSR	UD	1,42	638	1,1	55	UD	
									45		
NT2170U(V)	20,44	1	208-230V 60Hz 1~	CSIR	921	1,30	672	0,98	55	267	34
									45	325	41
NT2180UV	22,4	1	115V 60Hz 1~	CSR	1047	1,38	832	1,12	55	309	40
									45	392	51
NT2180UV	22,4	1	208-230V 60Hz 1~	CSR	1020	1,41	830	1,12	55	309	40
									45	395	50
NT2210UV	27,8	1 1/4	115V 60Hz 1~	CSR	1322	1,39	1060	1,11	55	413	52
									45	514	65
NT2210UV	27,8	1 1/4	208-230V 60Hz 1~	CSR	1281	1,42	1051	1,12	55	399	51
									45	494	

R290
MBP 60Hz

R134a | R404A / R507 | **R290** | R600a

LBP | **MBP** | M/HBP | HBP

50Hz | **60Hz**

MODEL	DISPLACEMENT cm3	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - ASHRAE 7,2 °C / 54,4 °C		RATED POINT - ARI 540 -6,7°C/48,9 °C		COOLIN	
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W	CONDENSING TEMPERATURE °C	-20
NEK6152U	5,44		115V 60Hz 1~	CSIR	UD				55	
									45	
NEK6165U	6,2		115V 60Hz 1~	CSIR	UD				55	
									45	
NEK6210U	8,77	1/3	115V 60Hz 1~	CSIR	1368	2,48	717	1,60	55	365
									45	442
NEK6213U	12,12	1/2	115V 60Hz 1~	CSIR	1841	2,13	998	1,48	55	506
									45	613
NT6217UV	14,5		115V 60Hz 1~	CSIR	UD				55	
									45	
NT6217UV	14,5		115V 60Hz 1~	CSR	UD				55	
									45	
NT6220UV	17,4		115V 60Hz 1~	CSIR, CSR	UD				55	
									45	
NT6222UV	20,4	3/4	115V 60Hz 1~	CSR	3023	2,73	1522	1,78	55	690
									45	923
NT6224UV	22,4	1	208-230V 60Hz 1~	CSR	3377	2,68	1748	1,78	55	829
									45	1041

OLING CAPACITY ARI 540 EVAPORATING TEMPERATURE °C NO SUBCOOLING W							MAX HEIGHT	WEIGHT	LRA	COOLING TYPE	FAN AIR FLOW (M3/H)	OIL		EXP DEVICE	DRAWINGS		MODEL
	-35	-30	-25	-20	-15	-10	mm	kg	A			CHARGE cm3	TYPE		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.	
7	205	268	343	433	535	652	200	10,8	28	F	520	350	POE 22	C/V	DWG04	SM04	**NEK2134U**
2	252	327	417	522	643	779											
4	270	352	451	566	699	848	206	11,3	41,5	F	520	350	POE 22	C/V	DWG04	SM04	**NEK2150U**
8	321	418	537	678	842	1029											
8	271	353	455	575	716	875	206	11,3	41,5	F	520	350	POE 22	C/V	DWG04	SM06	**NEK2150U**
5	332	430	551	693	858	1045											
8	302	400	521	667	837	1031	220	16,5	54,4	F	520	450	POE 22	C/V	DWG17	SM21	**NT2160UV**
0	379	490	633	807	1013	1250											
2	310	401	515	650	806	982	220	16.8	28	F	520	450	POE 22	C/V	DWG16	SM20	**NT2160U(V)**
8	382	492	626	786	971	1179											
							220		55	F	520	450	POE22	C/V	DWG17	SM21	**NT2170UV**
7	344	446	573	726	903	1104	220	17	30	F	520	450	POE 22	C/V	DWG16	SM20	**NT2170U(V)**
5	419	544	698	883	1097	1340											
9	407	534	690	875	1089	1333	220	16,5	54,5	F	520	450	POE 22	C/V	DWG17	SM21	**NT2180UV**
2	510	661	847	1068	1324	1614											
9	406	535	695	886	1108	1362	220	16,7	30	F	520	450	POE22	C/V	DWG17	SM26	**NT2180UV**
5	507	657	847	1075	1342	1648											
3	527	680	872	1104	1374	1684	234	17,8	67	F	520	450	POE 22	C/V	DWG17	SM26	**NT2210UV**
4	651	833	1063	1338	1661	2029											
9	516	671	863	1093	1360	1665	234	17,8	37	F	520	450	POE22	C/V	DWG17	SM26	**NT2210UV**
	621	798	1024	1301	1627	2003											

NOTE: performance curves are calculated from Ashrae actual curves.

COOLING CAPACITY ARI 540 EVAPORATING TEMPERATURE °C NO SUBCOOLING W					MAX HEIGHT	WEIGHT	LRA	COOLING TYPE	FAN AIR FLOW (M3/H)	OIL		EXP DEVICE	DRAWINGS		MODEL
-20	-15	-10	-5	0	mm	kg	A			CHARGE cm3	TYPE		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.	
					187			F	520	350	POE22	C/V	DWG04	SM04	**NEK6152U**
					187			F	520	350	POE22	C/V	DWG04	SM04	**NEK6165U**
365	458	569	697	843	200	10,6	37	F	520	350	POE22	C/V	DWG04	SM04	**NEK6210U**
442	556	687	835	999											
506	634	781	949	1137	206	11,4	44	F	520	350	POE 22	C/V	DWG04	SM04	**NEK6213U**
513	757	930	1132	1364											
					220		44	F	520	450	POE22	C/V	DWG16	SM20	**NT6217UV**
					220		44	F	520	450	POE22	C/V	DWG16	SM23	**NT6217UV**
					220			F	520	450	POE22	C/V			**NT6220UV**
590	913	1181	1476	1798	220	16,5	54,5	F	520	450	POE 22	C/V	DWG17	SM21	**NT6222UV**
923	1146	1433	1785	2202											
329	1074	1355	1673	2028	220	16,7	33,7	F	520	450	POE 22	C/V	DWG16	SM23	**NT6224UV**
041	1315	1634	1995	2401											

NOTE: performance curves are calculated from Ashrae actual curves.

R600a

LBP 50Hz

R134a | R404A / R507 | R290 | **R600a**

LBP | MBP | M/HBP | HBP

50Hz | 60Hz

MODEL	DISPLACEMENT cm3	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - ASHRAE -23,3 °C / 54,4 °C		RATED POINT - CECOMAF -25°C/55 °C		COOLING CONDENSING TEMPERATURE °C	COOLING -30
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W		
EMY20CLC	3,97	1/12	220-240V / 50Hz 1~	RSIR	61	1,4	45	1,1	55	34
									45	40
EMY26CLC	5,2	1/12	220-240V / 50Hz 1~	RSIR	83	1,5	61	1,18	55	45
									45	55
EMT26CLP	5,2	1/12	220-240V / 50Hz 1~	RSIR	83	1,25	62	0,98	55	44
									45	54
EMY32CLC	5,96	1/10	220-240V / 50Hz 1~	RSIR	97	1,51	72	1,19	55	53
									45	64
EMT32CLP	5,96	1/10	220-240V / 50Hz 1~	RSIR	97	1,27	71	1	55	53
									45	64
EMY40CLC	7,23	1/8	220-240V / 50Hz 1~	RSIR	119	1,53	90	1,21	55	66
									45	80
EMT40CLP	7,23	1/8	220-240V / 50Hz 1~	RSIR	119	1,28	91	1,01	55	69
									45	83
EMY46CLC	7,96	1/8+	220-240V / 50Hz 1~	RSIR	135	1,56	101	1,23	55	75
									45	90
EMT46CLP	7,96	1/8+	220-240V / 50Hz 1~	RSIR	135	1,29	102	1,02	55	76
									45	88
EMY55CLP	9,04	1/6	220-240V / 50Hz 1~	RSIR	156	1,56	114	1,23	55	85
									45	102
EMX55CLC	9,04	-	220-240V 50Hz 1~	RSCR	155	1,72	115	1,31	54.4	90
									45	106
EMT56CLP	9,04	1/6	220-240V / 50Hz 1~	RSIR	156	1,32	118	1,05	55	88
									45	102
EMX70CLC	11,14	1/5	220-240V / 50Hz 1~	RSCR	191	1,71	143	1,34	55	103
									45	123
EMX80CLC	12,21	1/5+	220-240V / 50Hz 1~	RSCR	212	1,74	162	1,36	55	118
									45	139

COOLING CAPACITY CECOMAF						MAX HEIGHT	WEIGHT	LRA	COOLING TYPE	FAN AIR FLOW (M3/H)	OIL		EXP DEVICE	DRAWINGS		MODEL
EVAPORATING TEMPERATURE °C NO SUBCOOLING W											CHARGE cm3	TYPE		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.	
0	-25	-20	-15	-10	-5	mm	kg	A								
4	45	60	77	98	121	166	7,4	2,35	S		180	AB 5	C	DWG01	SM00	**EMY20CLC**
0	54	71	92	116	144											
5	61	81	105	133	165	166	7,4	2,8	S		180	AB 5	C	DWG01	SM00	**EMY26CLC**
5	73	95	121	152	187											
4	62	82	104	132	168	158	7,1	2,8	S		180	AB 5	C	DWG01	SM00	**EMT26CLP**
4	73	95	120	151	190											
3	72	94	120	151	189	166	7,4	3,6	S		180	AB 5	C	DWG01	SM00	**EMY32CLC**
4	86	111	141	176	218											
3	71	95	122	154	190	158	7,1	3,6	S		180	AB 5	C	DWG01	SM00	**EMT32CLP**
4	85	112	143	178	220											
5	90	116	148	186	232	166	7,6	4,3	S		180	AB 5	C	DWG01	SM00	**EMY40CLC**
0	107	136	171	214	267											
9	91	118	151	189	234	158	7,4	4,3	S		180	AB 5	C	DWG01	SM00	**EMT40CLP**
3	109	139	176	219	270											
5	102	135	174	219	268	166	7,7	4,3	S		180	AB 5	C	DWG01	SM00	**EMY46CLC**
0	120	157	200	249	303											
5	102	134	171	215	265	158	7,4	4,3	S		180	AB 5	C	DWG01	SM00	**EMT46CLP**
3	118	154	196	245	302											
5	114	150	192	241	296	166	7,7	5,5	S		180	AB 5	C	DWG01	SM00	**EMY55CLP**
2	135	175	222	277	340											
0	115	156	197	250		166	7,4	5,67	S		150	ISO 5	C	DWG01	SM01	**EMX55CLC**
06	136	179	222	282												
8	118	155	198	247	303	166	7,5	5,5	S		180	AB 5	C	DWG01	SM00	**EMT56CLP**
02	135	176	224	280	345											
03	142	184	233	290	360	166	7,7	6	S		150	AB 5	C	DWG01	SM01	**EMX70CLC**
13	164	210	263	327	403											
18	158	207	265	331	406	171	7,9	7,8	S		150	AB 5	C	DWG01	SM01	**EMX80CLC**
39	185	240	305	380	464											

NOTE: performance curves are calculated from Ashrae actual curves.

R600a
HBP 50Hz

R134a | R404A / R507 | R290 | **R600a**

LBP | MBP | M/HBP | **HBP**

50Hz | 60Hz

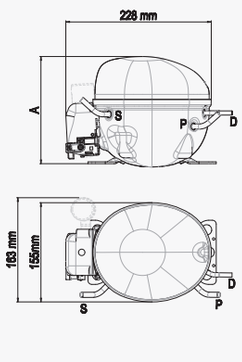
MODEL	DISPLACEMENT cm3	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - ASHRAE 7,2 °C / 54,4 °C		RATED POINT - EN12900 5°C/50 °C		COOLING C	
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W	CONDENSING TEMPERATURE °C	EVA -15
EMU5125Y	4,50	1/10	220-240V / 50Hz 1~	RSIR	267	2,73	244	2,52	55	
									45	109
EMU5125Y	4,50	1/10	220-240V / 50Hz 1~	RSCR	267	2,88	244	2,82	55	
									45	111
EMU5132Y	6,78	1/8+	220-240V / 50Hz 1~	RSIR	402	2,61	358	2,54	55	143
									45	165
EMU5132Y	6,78	1/8+	220-240V / 50Hz 1~	RSCR	406	2,82	363	2,74	55	147
									45	168
EMT30CDP	4,50	1/8	220-240V 50Hz 1~	RSIR	256	2,52	232	2,45	55	85
									45	102
EMT45CDP	6,78	1/8+	220-240V 50Hz 1~	RSIR	390	2,56	346	2,44	55	127
									45	153
EMT6144Y	9,04	1/5	220-240V 50Hz 1~	CSIR	543	2,48	486	2,41	55	200
									45	223
EMT6160Y	11,14	1/4	220-240V 50Hz 1~	CSIR	653	2,27	588	2,2	55	240
									45	277
NEK6144Y	9,99	1/5	220-240V 50Hz 1~	CSIR	550	2,4	489	2,28	55	
									45	215
NEK6160Y	12,11	1/4	220-240V 50Hz 1~	CSIR	677	2,53	606	2,43	55	
									45	267
NEK6170Y	14,28	1/4	220-240V 50Hz 1~	CSIR	809	2,47	720	2,38	55	
									45	326
NEK6187Y	16,8	1/3	220-240V 50Hz 1~	CSIR	907	2,39	805	2,29	55	
									45	359

OLING CAPACITY EN12900 EVAPORATING TEMPERATURE °C NO SUBCOOLING W						MAX HEIGHT	WEIGHT	LRA	COOLING TYPE	FAN AIR FLOW (M3/H)	OIL		EXP DEVICE	DRAWINGS		MODEL
											CHARGE cm3	TYPE		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.	
	-10	-5	0	5	10	mm	kg	A								
	119	150	184	224	270	158	7,1		S		180	AB 5	C	DWG01	SM00	**EMU5125Y**
9	138	172	212	257	307											
	120	151	187	228	274	158	7,1		S		180	AB 5	C	DWG01	SM00	**EMU5125Y**
L	140	174	214	259	310											
3	182	228	280	336	400	166	7,4	6,1	S		180	AB 5	C	DWG01	SM00	**EMU5132Y**
5	208	258	316	382	454											
7	184	230	282	342	408	166	7,4	6,1	S		180	AB 5	C	DWG01	SM00	**EMU5132Y**
3	211	262	320	385	460											
	113	145	181	220	261	158	7,1	3,7	S		180	POE 22	C	DWG01	SM00	**EMT30CDP**
2	130	164	202	245	291											
7	170	215	267	326	395	166	7,7	5,8	S		180	POE 22	C	DWG01	SM00	**EMT45CDP**
3	195	243	300	365	442											
0	250	310	377	455	543	166	7,8	7,7	F	520	180	POE 22	C/V	DWG01	SM05	**EMT6144Y**
3	282	350	427	515	614											
	303	375	458	552	658	166	7,8	9,8	F	520	180	POE 22	C/V	DWG01	SM05	**EMT6160Y**
7	347	427	520	622	738											
	234	298	374	458	550	187	10,4	12,4	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6144Y**
5	272	343	426	519	616											
	294	372	464	567	678	187	10,6	12,4	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6160Y**
7	338	425	528	641	764											
	358	449	554	674	807	187	10,6	12,4	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6170Y**
5	412	512	630	764	913											
	391	494	613	749	864	200	11	16,1	F	520	350	POE 22	C/V	DWG03	SM05	**NEK6187Y**
9	457	572	705	856	936											

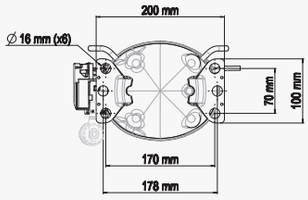
NOTE: performance curves are calculated from Ashrae actual curves.

EXTERNAL VIEWS

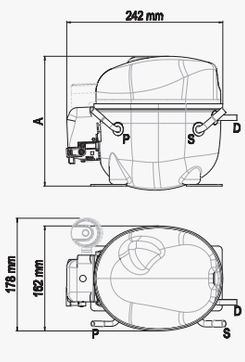
DWG01 - EMT SERIES European Base Plate



	∅ mm	material
S - Suction	6.10 - 6.20	Cu
P - Process	5.92 - 6.08	Cu
	6.10 - 6.20	Cu
D - Discharge	4.90 - 5.02	Cu
	5.10 - 5.20	Cu

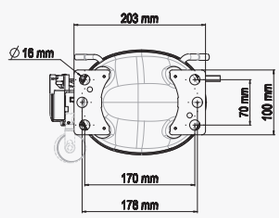


DWG02 / DWG03 - NE SERIES European Base Plate

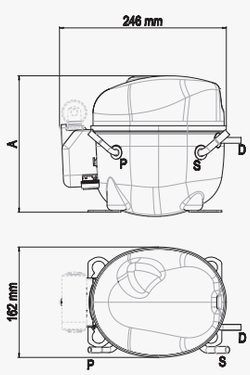


DWG02	∅ mm	material
S - Suction	6.10 - 6.20	Cu
P - Process	6.10 - 6.20	Cu
S - Discharge	4.86 - 5.02	Cu

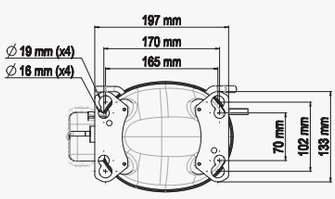
DWG03	∅ mm	material
S - Suction	6.10 - 8.20	Cu
P - Process	6.10 - 6.20	Cu
S - Discharge	6.10 - 6.20	Cu



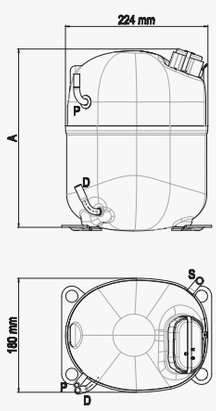
DWG04 - NE SERIES Universal Base Plate



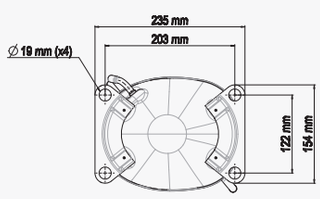
	∅ mm	material
S - Suction	8.03 - 8.10	Cu
P - Process	6.45 - 6.55	Cu
S - Discharge	6.45 - 6.55	Cu



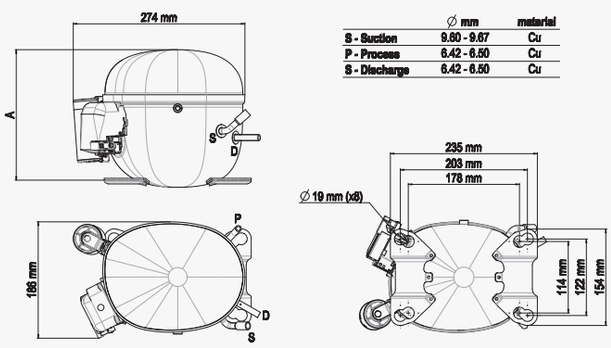
DWG14 - NJ SERIES



	∅ mm	material
S - Suction	9.60 - 9.67	Cu
	12.77 - 12.85	Cu
P - Process	6.42 - 6.50	Cu
D - Discharge	6.42 - 6.50	Cu
	8.00 - 8.08	Cu

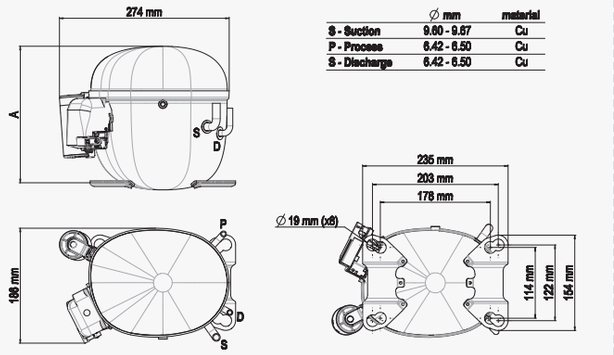


DWG 15 - NT SERIES



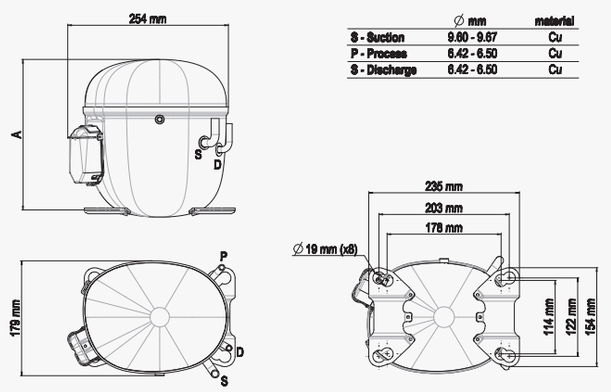
	Ø mm	material
S - Suction	9.60 - 9.67	Cu
P - Process	6.42 - 6.50	Cu
S - Discharge	6.42 - 6.50	Cu

DWG16 - NT SERIES



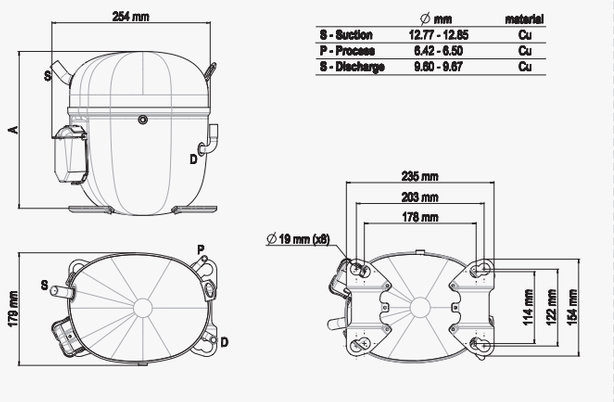
	Ø mm	material
S - Suction	9.60 - 9.67	Cu
P - Process	6.42 - 6.50	Cu
S - Discharge	6.42 - 6.50	Cu

DWG17 - NT SERIES



	Ø mm	material
S - Suction	9.60 - 9.67	Cu
P - Process	6.42 - 6.50	Cu
S - Discharge	6.42 - 6.50	Cu

DWG 19 - NTU SERIES



	Ø mm	material
S - Suction	12.77 - 12.85	Cu
P - Process	6.42 - 6.50	Cu
S - Discharge	9.60 - 9.67	Cu

WIRING DIAGRAMS KEY


OVERLOAD PROTECTOR


OVERLOAD PROTECTOR


CURRENT START RELAY


3CR CURRENT START RELAY


PTC START DEVICE


INTEGRATED PTC DEVICE


CURRENT START RELAY
WITH CAPACITOR CONNECTIONS


3ARR3 START RELAY (voltage).

RUN CAPACITOR


OPTIONAL RUN CAPACITOR

RUN CAPACITOR
(MANDATORY - NOT SUPPLIED)


START CAPACITOR


FAN


LAMP


PUSHBUTTON


3-PHASE MOTOR


SINGLE PHASE MOTOR


LOW-HIGH PRESSURE SWITCH


EARTH CONNECTION


THERMOSTAT


3-PHASE SUPPLY

SINGLE PHASE SUPPLY


PILOT CIRCUIT 24 OR 220 V

Ⓒ COMMON

Ⓡ RUN

Ⓒ COMMON
(INTERNAL OVERLOAD PROTECTOR)

Ⓢ START

]] [[TERMINAL BLOCK

Wh WHITE CABLE
Bl BLUE CABLE
YG YELLOW-GREEN CABLE

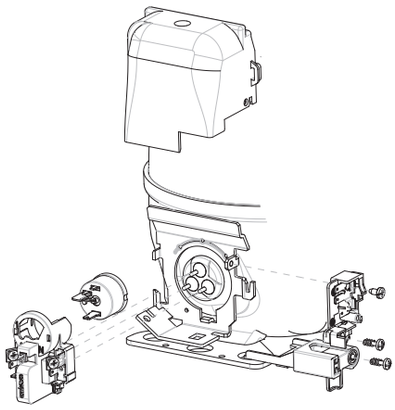
Br BROWN CABLE
Bk BLACK CABLE
Re RED CABLE

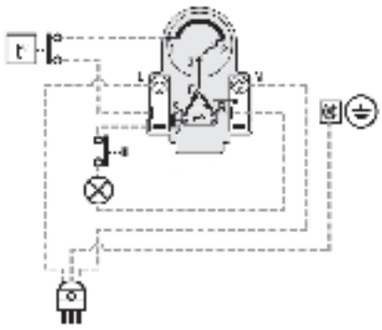
CONNECTIONS SUPPLIED

CONNECTIONS TO BE MADE
BY THE CUSTOMER (NOT SUPPLIES

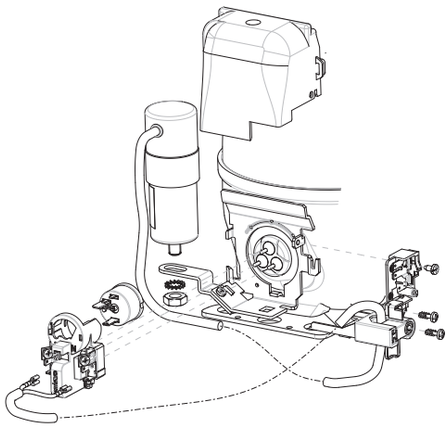
WIRING DIAGRAMS

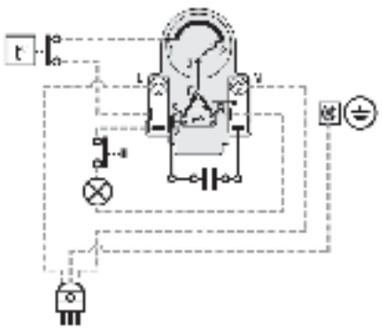
SM00 - EMT/NE SERIES RSIR PTC European Version



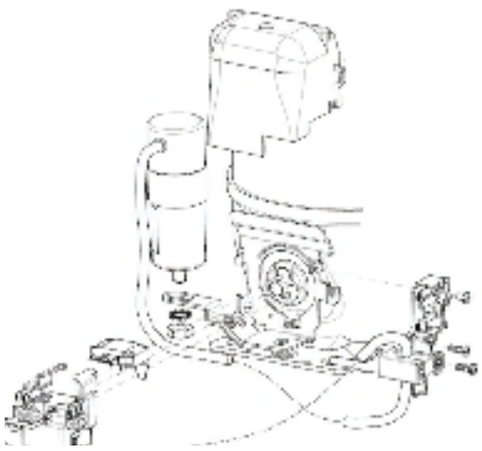


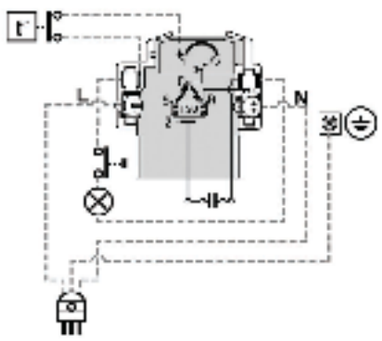
SM01 - EMT/NE SERIES RSCR PTC European Version





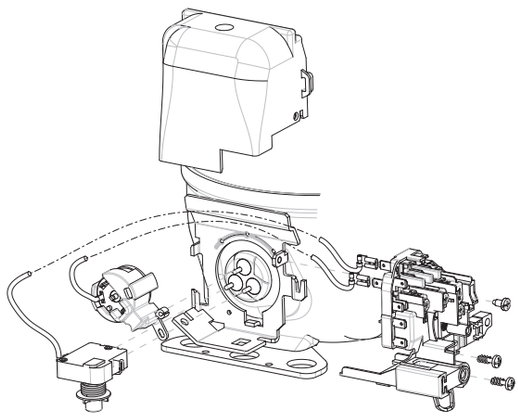
SM02 - EMT/NE SERIES RSCR TSD European Version

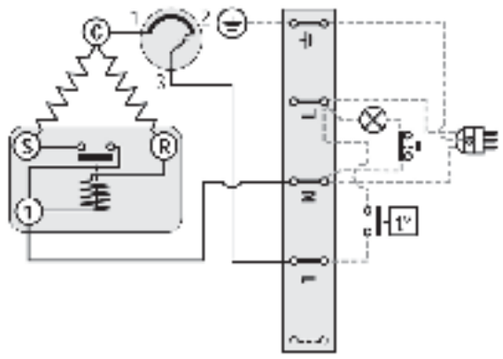




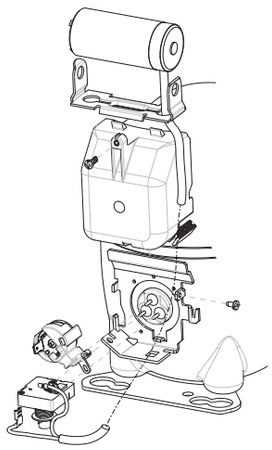
WIRING DIAGRAMS

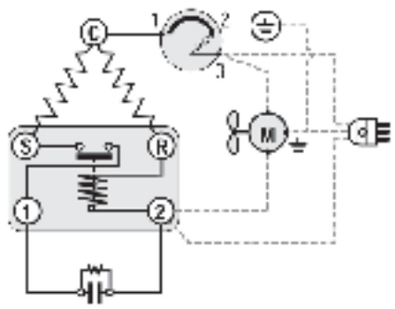
SM03 - EMT/NE SERIES RSIR Terminal Board & Start Device



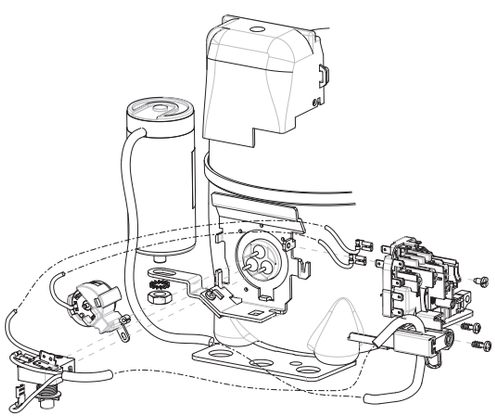


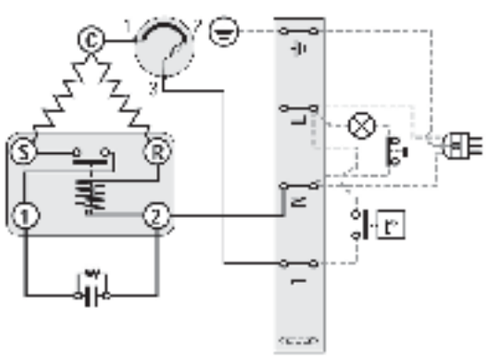
SM04 - EMT/NE SERIES CSIR American Version



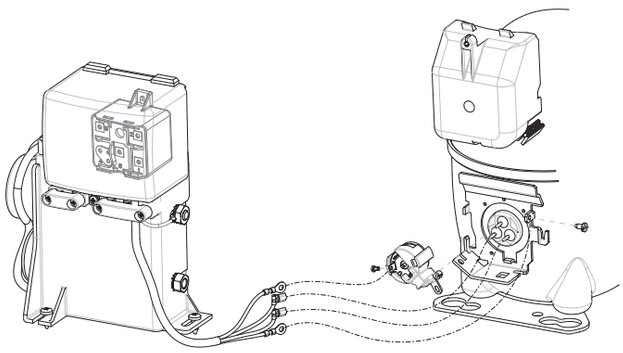


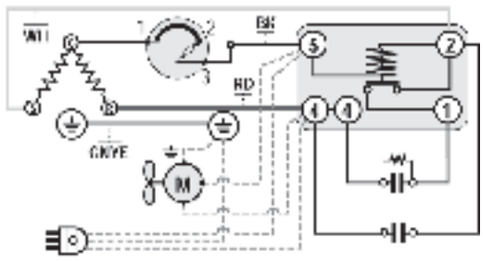
SM05 - EMT/NE SERIES CSIR Terminal Board & Start Device



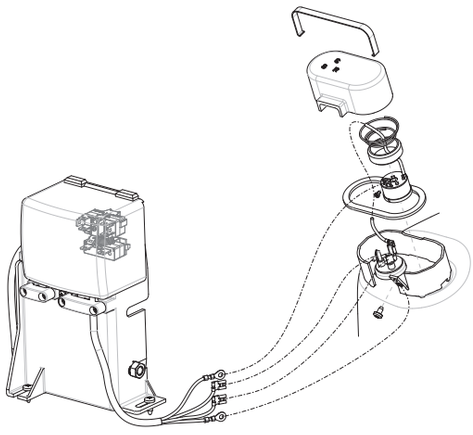


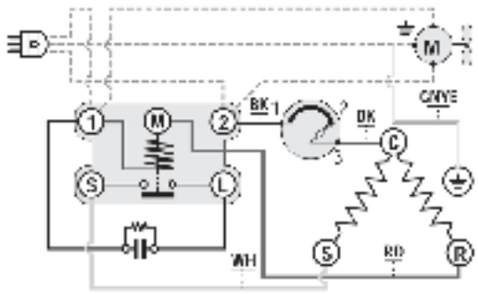
SM06 - NE SERIES CSR Box



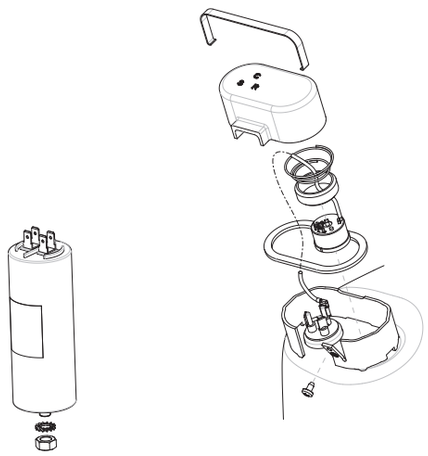


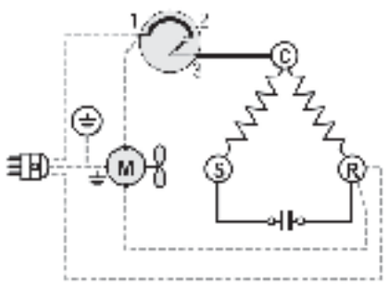
SM014 - NJ SERIES CSIR Box





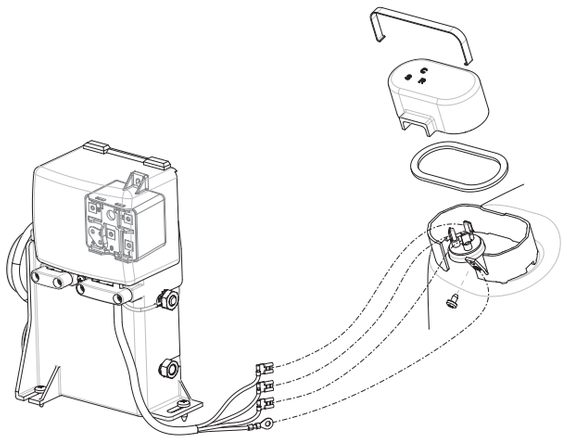
SM15 - NJ SERIES PSC

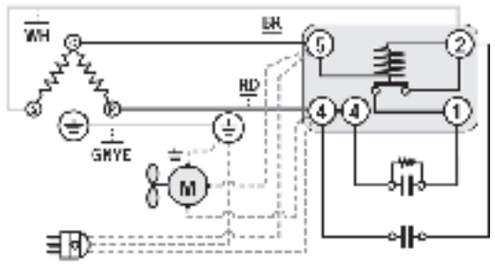




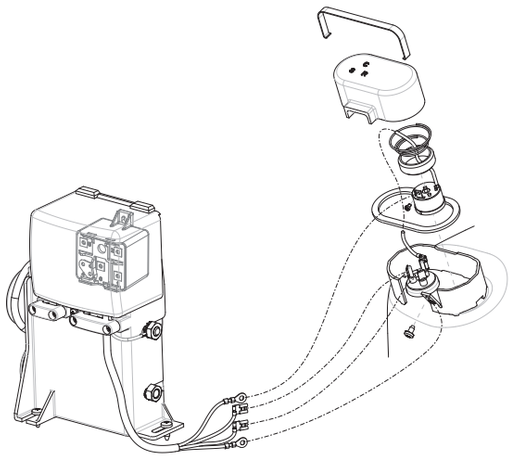
WIRING DIAGRAMS

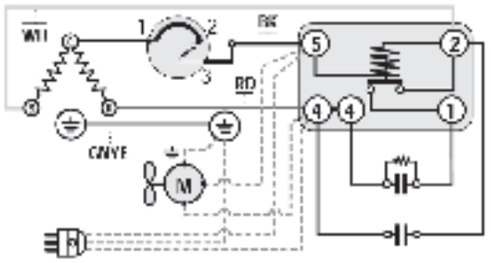
SM16 - NJ SERIES CSR Box (Internal Overload Protector)



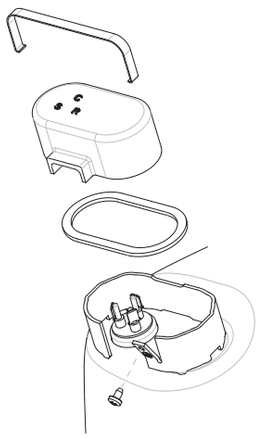


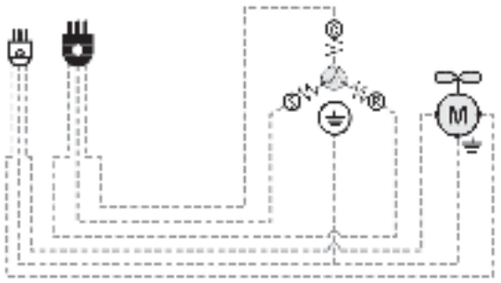
SM017 - NJ SERIES CSR Box (External Overload Protector)



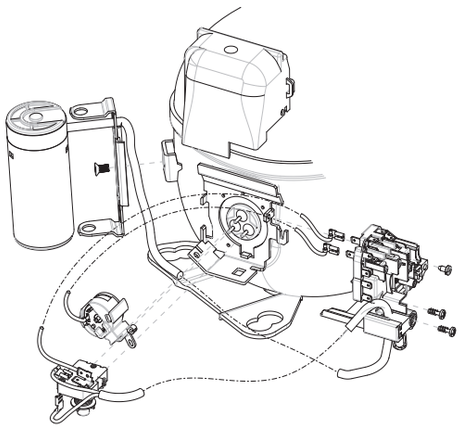


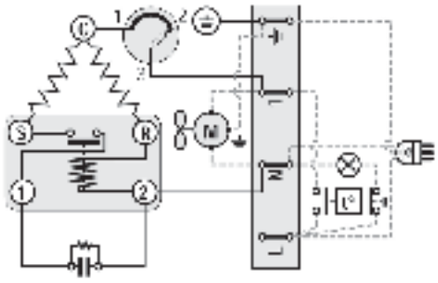
SM18 - NJ SERIES 3-Phase (Internal Overload Protector)



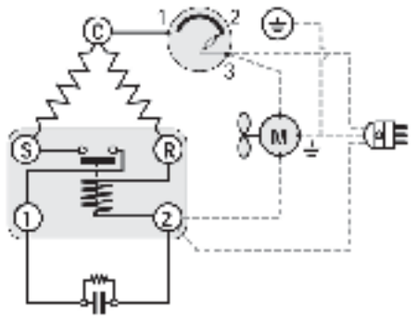


SM19 - NT SERIES CSIR Terminal Board

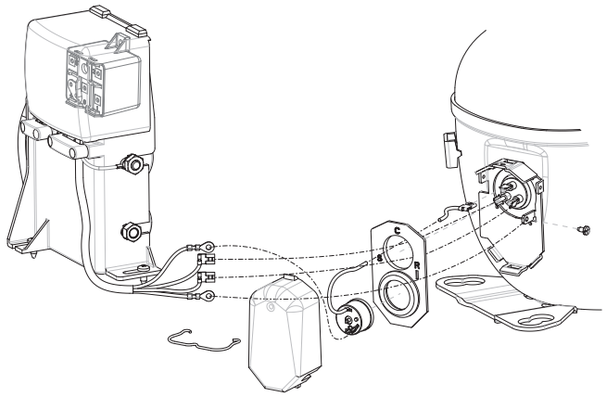


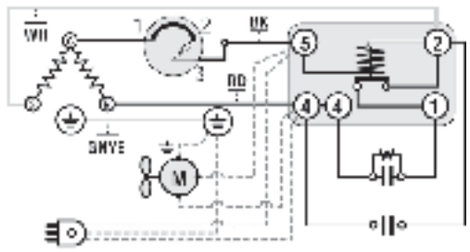


SM020 - NT SERIES CSIR – American Version



SM21 - NT SERIES CSR Box

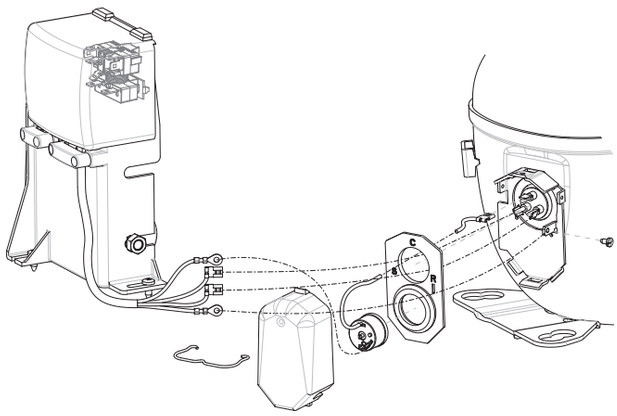


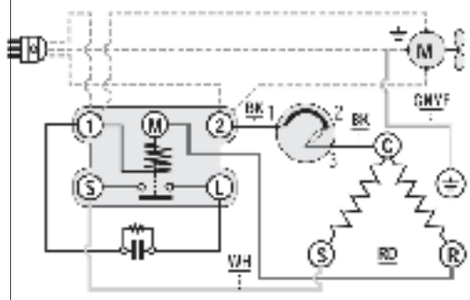


External Views & Wiring Diagrams

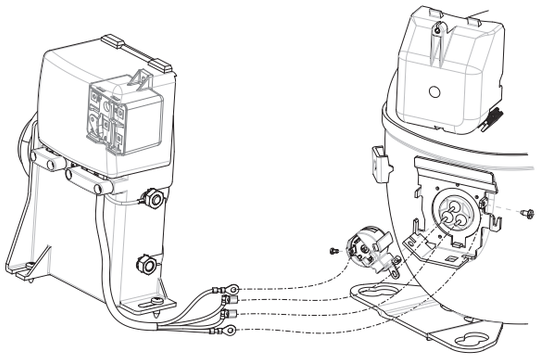
WIRING DIAGRAMS

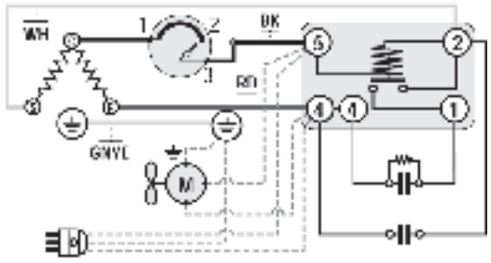
SM22 - NT SERIES CSIR Box



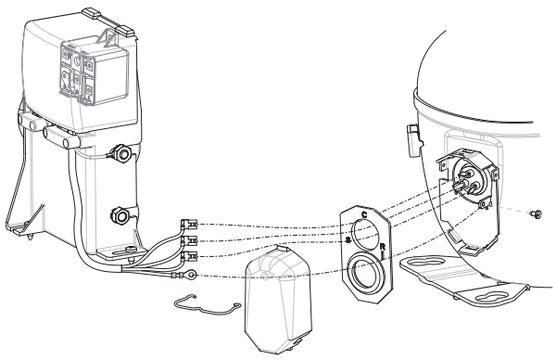


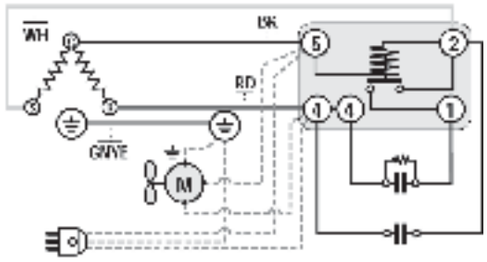
SM023 - NT SERIES CSR Box



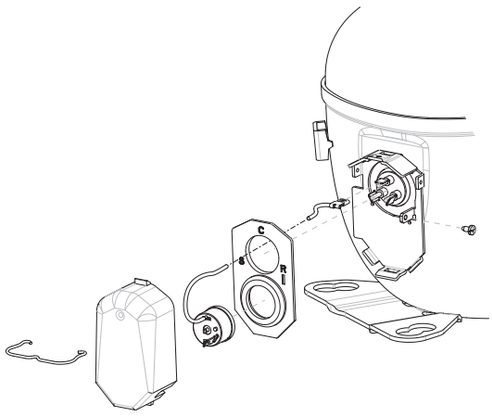


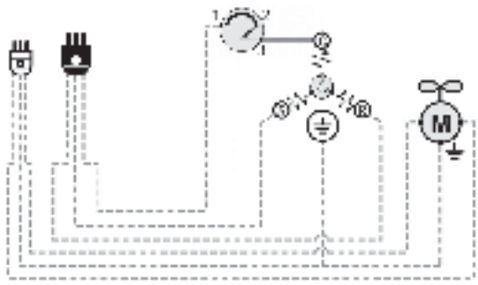
SM26 - NT SERIES CSR Box (Internal Overload Protector)

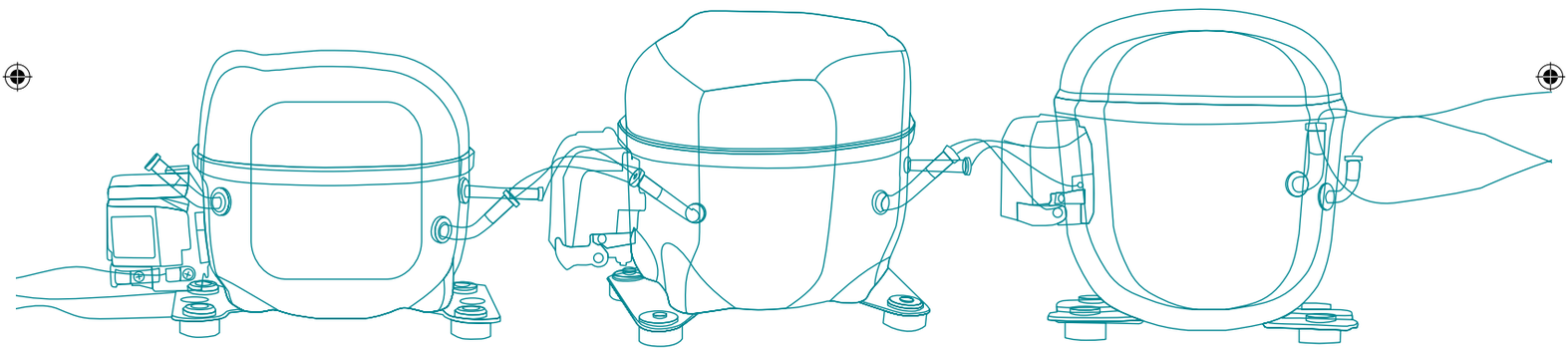




SM27 - NT SERIES 3-Phase (Internal + External Overload Protector)









embraco

POWER IN.
CHANGE ON.