



PRODUCT LINE

EM / F / NE / NEK / NJ / NT / NTU / T

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EXTERNAL VIEWS AND WIRING DIAGRAMS

EMBRACO IN BRIEF

-  More than **11,500** employees
-  More than **400 professionals** in R&D
-  Production capacity of over **34 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 on **4 continents**

EMBRACO is a company specializing in cooling solutions and is the 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. Our products are preferred by major automakers and leading home appliance manufacturers and are specified by manufacturers of commercial refrigeration equipment.

With global operations and production capacity exceeding 34 million units per year, Embraco offers solutions that are differentiated for their innovation and low energy consumption. Its 10,000 employees work in factories and offices located in the United States, Brazil (corporate headquarters), Mexico, China, Italy and Slovakia.

Energy efficiency is constantly sought in the processes, products and relationships with the communities where we operate. The company is the absolute leader in this segment, offering products that meet more restrictive international standards regarding energy consumption.

As a worldwide leader, EMBRACO anticipates **market changes**, and in doing so, 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 basis for all of our product development. This means producing compressors that consume less energy and less raw material in manufacturing, at the same time maintaining Embraco brand quality. Thus, we continually invest in research and development to create products that are increasingly more economical, quieter 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 by up to 40%.

We have a full product portfolio that offers compressors of the most diverse Ranges of efficiency. We are a global benchmark in developing solutions that meet the most stringent 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 offering solutions to the market that go beyond the traditional. 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.



EMBRACO
VCC MODELS

HFO/PROPANE

No impact on the ozone layer.
Great ecological appeal.

PRODUCT RANGE

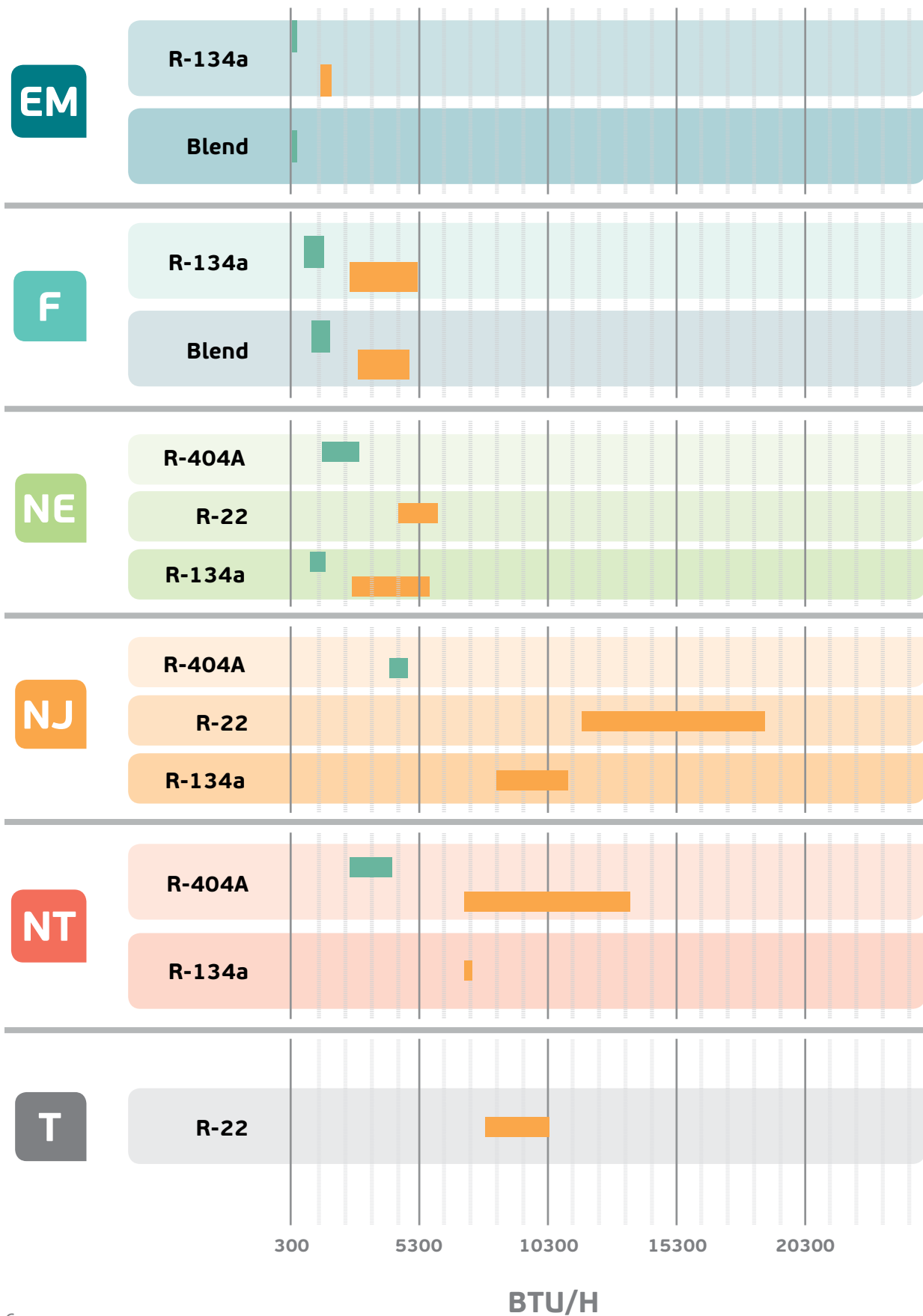


CAPACITY AND EFFICIENCY RANGE

Capacity Range

■ ASHRAE LBP

■ ASHRAE HBP

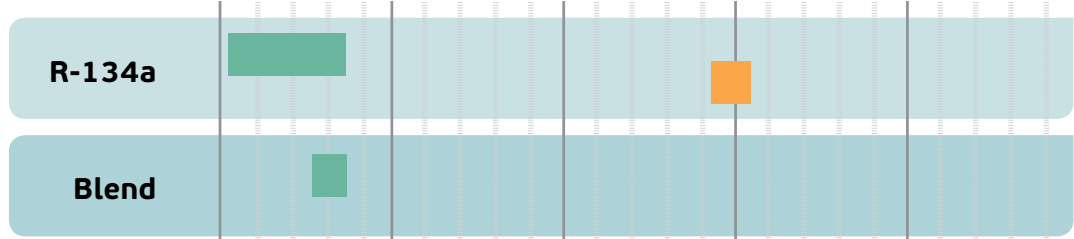


Efficiency Range

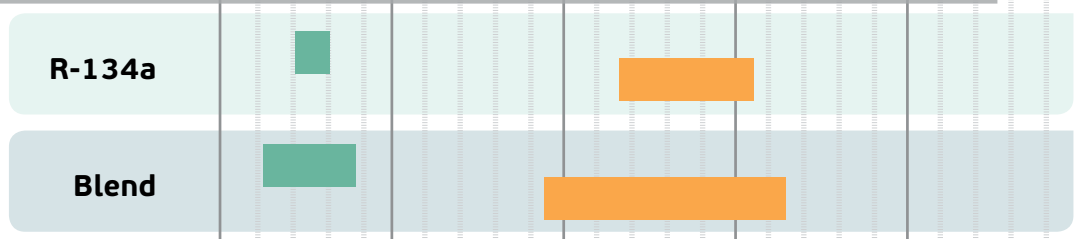
■ ASHRAE LBP

■ ASHRAE HBP

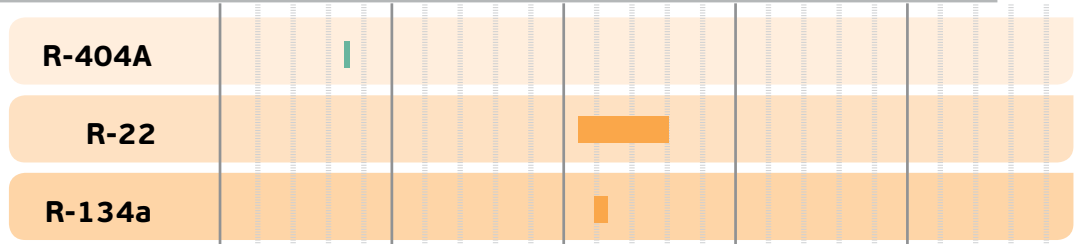
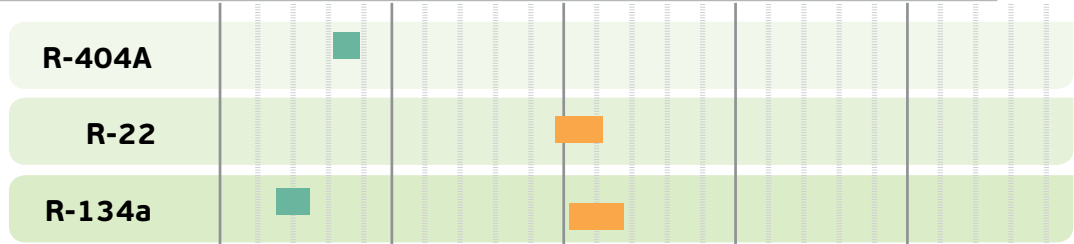
EM



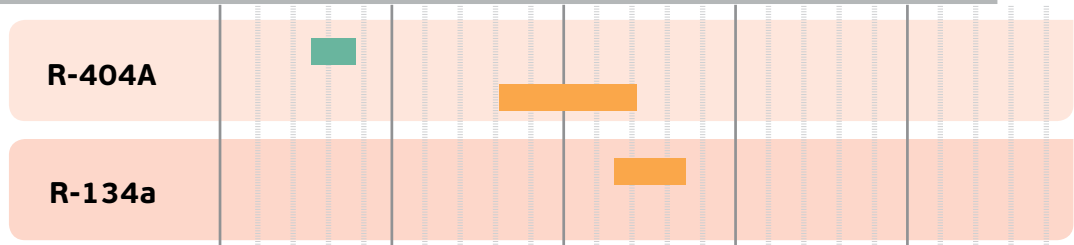
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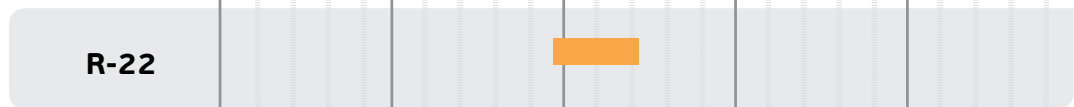
NE



NT



T



3 5 7 9 11

BTU/Wh

APPLICATIONS & TEST CONDITIONS

Applications

LBP

(Low Back Pressure)
Evaporating temperatures between -31°F and 14 °F

Applications:
refrigerators, frozen food cabinets, frozen food display cases, display windows, etc.

L/M/HBP

(Low/Medium/High Back Pressure)
Evaporating temperatures between -31°F and 59 °F

Applications:
Ice makers, etc.

L/MBP

(Low/Medium Back Pressure)
Evaporating temperatures between -31°F and 23°F;

Applications:
Commercial Display Counters, and Drinking Fountains

MBP

(Medium Back Pressure)
Evaporating temperatures between 14°F and 32 °F

Applications:
fresh food cabinets, drink coolers, ice makers, walk in coolers and freezers.

HBP


(High Back Pressure)
Evaporating temperatures between 32°F and 59 °F

Applications:
fresh food cabinets, ice makers, dehumidifiers, dryers, etc.

Test Conditions

TEST CONDITIONS (rating point)	APPLICATION	EVAPORATING TEMPERATURE	CONDENSING TEMPERATURE	SUCTION TEMPERATURE	SUBCOOLING	AMBIENT TEMPERATURE
		°F	°F	°F		°F
ARI 540	LBP	-10°	120°	40°	No Subcooling	95°
	MBP	20°	120°	40°		120°
	HBP	45°	130°	65°	47°	130°
ASHRAE 32 ASHRAE 46	LBP	-10°	130°	90°	90°	90°
	M/HBP	20°	130°	90°	90°	90°
	HBP	45°	130°	95°	115°	95°

PRODUCT SELECTION



NOMENCLATURE

NE NEK NT T NJ

► **Compressor Families**
NE / NT / NJ / T

► **Application Code**

1. LBP – LST
2. LBP – HST
3. MBP/HBP – LST
4. MBP/HBP – HST
5. MBP/HBP – LST
6. MBP/HBP – HST

► **Cooling Capacity**

The first digit is the number of zeros that must be added to the last two digits to obtain the cooling capacity (approx.) in kcal/h at 50 Hz.
E.g.: 144 = 440 kcal/h at 50 Hz.

NE K 6 215 Z V

► **Efficiency Level**

► **Refrigerant Code**

Z - ZX	R-134a
GK - GJ	R-404A
E - F - G	R-22
V	Blend

► **IPR Valve**

Available for some models

NOMENCLATURE



▶ **Electrical System**

- F - Relay / External Protector
- Relay / External Protector
- Start Cap (optional)

▶ **Refrigerant Code**

- - Blends
- H - R-134a

▶ **Compressor Family**

F

▶ **Application**

B - L/M/HBP

F F I 12 H B X

▶ **Approximate compressor displacement in cm³ for FFC:**
 approximate capacity in BTU/H – 60 Hz ASHRAE – Check point divided by 10

▶ **Efficiency Level**

- - Standard efficiency
- C - Improved efficiency 1st generation
(for commercial refrigeration)
- I - Improved efficiency 2nd generation

▶ **Starting Characteristic**

- K - LST (Low Starting Torque)
- X - HST (High Starting Torque)

NOMENCLATURE

EM

► **Compressor capacity in BTH/HR – 60Hz – ASHRAE**
check point divided by 10

► **Mechanical Kit**

S - Standard mechanical kit

► **Electrical Equipment**

P - PTC + Run Cap (optional)

R - Relay

C - PTC + Run Cap (mandatory)

S - PTC + Run Cap + Start Cap

V - PTC + Run Cap + Start Cap (optional)

X - Relay + Start Cap (mandatory)

LST

HST

EM I S 30 H H R

► **Compressor Family**
EM

► **Refrigerant Code**

□ - Blends

H - R-134a

► **Product Generation**

□ - Standard Generation

I - 1st Generation

T - 2nd Generation

U - 3rd Generation

Y - 4th Generation

Z - 5th Generation

X - 6th Generation

► **Efficiency Level**

N - Standard efficiency (LBP)

J - Intermediate efficiency (LBP)

E - Improved efficiency 1st generation (LBP)

S - Improved efficiency 2nd generation (LBP)

H - Standard efficiency (L/M/HBP)

D - Standard efficiency (HBP)

B - Standard efficiency (M/HBP)

COMPRESSOR SELECTION

Families

FAMILIES	LBP			MBP	HBP		M/HBP	L/M/HBP	
	R-134a	R-404A	Blend	R-404A	R-134a	R-22	R-22	R-134a	Blend
EM	X		X					X	
F	X							X	X
NE	X	X		X	X	X	X		
NJ		X			X	X	X		
NT		X		X	X	X			
T						X			

Cooling Type

DESCRIPTION	
S	Static Cooling: the compressor does not require forced cooling, but it must be installed in order to let the ambient air adequately cool it to avoid overheating
F	Fan Cooling: the compressor requires forced cooling through the use of a fan

Electrical Motor Starting Torque

DESCRIPTION	
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 tube, with unbalanced pressures at start up.

► Electrical Components

Type of Motor	STARTING DEVICE					CAPACITOR	
	Overload Protector	Current Relay	Voltage Relay	PTC	TSD	Start	Run
RSIR	×	×		×			
CSIR	×	×				×	
RSCR	×			×	×		×
PSC	×						×
CSR	×		×	*		×	×
3PHASE	×						
* Optional							

► Electrical Motor Types

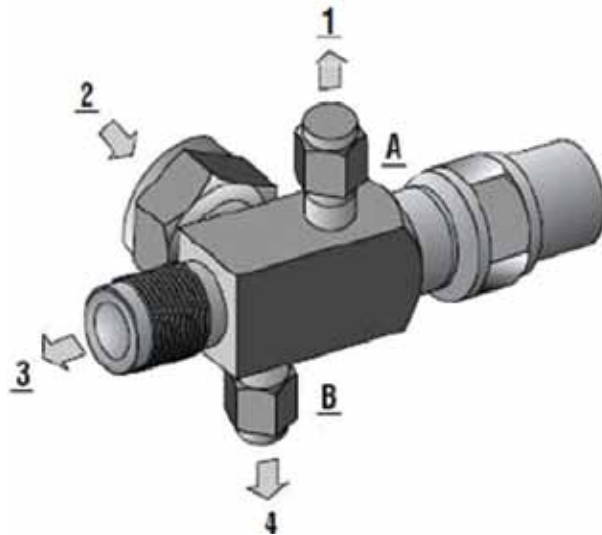
DESCRIPTION	
RSIR	Resistive Start - Inductive Run: no start capacitor; no run capacitor.
RSCR	Resistive Start - Capacitive Run: no start capacitor; run capacitor is needed to improve the efficiency.
CSIR	Capacitive Start - Inductive Run: no run capacitor; start capacitor is needed to improve the torque.
CSR	Capacitive Start and Run - CSR version with capacitive run and start windings.
PSC	Permanent Split Capacitor - no starting device. Run capacitor is directly connected to the winding.

ACCESSORIES & OPTIONS

All the models contain electrical accessories, sleeves and grommets. Products are available in individual boxes.

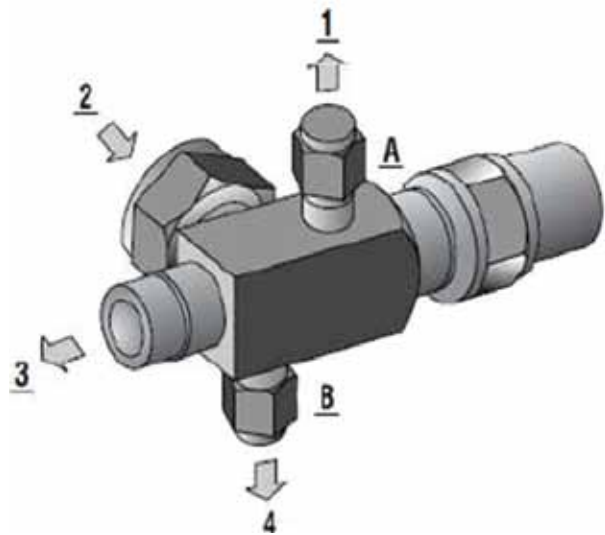
ROTOLOCK VALVE

Mechanical Connection



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

Soldered Connection



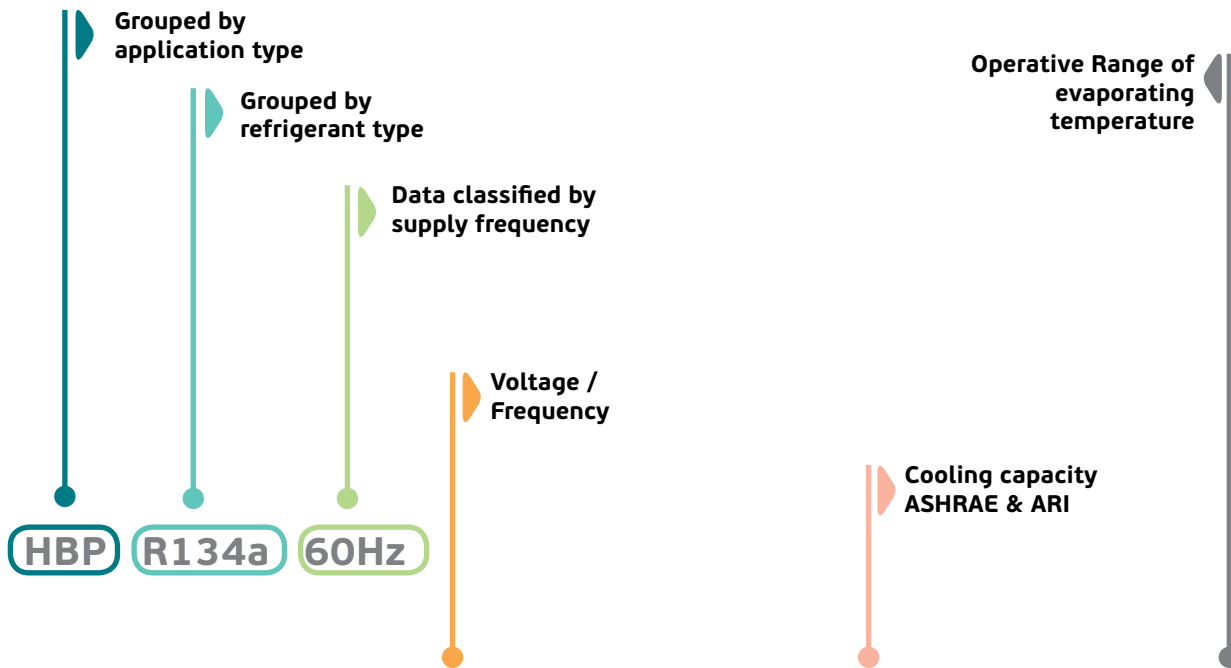
A&B Service caps (hexagonal nuts)

IDENTIFICATION 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)

CATALOG KEY



MODEL	Displacement Cm ³	HP	Voltage / Frequency	Motor Type	Rated Point -23.3 °C / 54.4 °C		Rated Point - ARI -23.3°C/48.9 °C		Condensing Temp °C	Evaporating Temperature °C No Subcooling				
					Cooling BTU/H	Efficiency BTU/H	Cooling BTU/H	Efficiency BTU/Wh		BTU/H				
						-25	-20	-15	-10	-5				
NEK6132Z	4.51	1/6	115V 60Hz 1~	CSIR	1,762	7.27	1,615	6.62	54.4	719	929	1,180	1,472	1,806
NEK6144Z	5.44	1/6	115V 60Hz 1~	CSIR	2,186	7.45	1,993	6.76	54.4	914	1,173	1,476	1,828	2,225
NEK6160Z	7.28	1/4	115V 60Hz 1~	CSIR	2,886	8.03	2,589	7.19	54.4	1,210	1,536	1,922	2,372	2,889
NEK6160Z	7.28	1/4	200-230V 50Hz / 208-230V 60Hz 1~	CSIR	2,886	8.23	2,589	7.40	54.4	1,199	1,536	1,922	2,368	2,866
NEK6170Z	8.40	1/4	115V 60Hz 1~	CSIR	3,340	7.99	2,997	7.17	54.4	1,446	1,798	2,237	2,746	3,327
NEK6170Z	8.40	1/4	100V 50/60Hz 1~	CSIR	2,811	7.45	2,521	6.67	54.4	1,304	1,574	1,997	2,593	3,376
NEK6170Z	8.40	1/4	200-230V 50Hz / 208-230V 60Hz 1~	CSIR	3,350	8.13	3,008	7.30	54.4	1,461	1,817	2,244	2,746	3,312
NEK6187Z	10.00	1/3	115V 60Hz 1~	CSIR	3,832	7.89	3,439	7.08	54.4	1,626	2,038	2,548	3,147	3,840
NEK6187Z	10.00	1/3	200-230V 50Hz / 208-230V 60Hz 1~	CSIR	3,808	7.85	3,417	7.04	54.4	1,630	2,061	2,563	3,136	3,788
NEK6210Z	12.11	1/3	115V 60Hz 1~	CSIR	4,529	7.45	4,065	6.69	54.4	1,963	2,465	3,057	3,735	4,503
NEK6210Z	12.11	1/2	200-230V 50Hz / 208-230V 60Hz 1~	CSIR	4,327	7.17	3,885	6.42	54.4	1,731	2,098	2,671	3,454	4,436
NEK6212Z	14.28	1/2	115V 60Hz 1~	CSIR	5,181	6.76	4,649	6.07	54.4	2,248	2,836	3,510	4,282	5,144
NEK6212Z	14.28	1/2	115V 60Hz 1~	CSR	5,355	7.45	4,807	6.69	54.4	2,248	2,836	3,510	4,282	5,144
NEK6212Z	14.28	1/2	200-230V 50Hz / 208-230V 60Hz 1~	CSR	5,034	6.73	4,518	6.05	54.4	2,255	2,817	3,454	4,170	4,953
NEK6214Z	16.80	3/4	115V 60Hz 1~	CSR	5,963	7.00	5,354	6.28	54.4	2,555	3,237	4,031	4,927	5,923
NEK6214Z	16.80	3/4	208-230V 60Hz 1~	CSIR	5,796	6.73	5,200	6.05	54.4	2,495	3,147	3,904	4,769	5,728
NEK6214Z	16.80	3/4	208-230V 60Hz 1~	CSR	5,847	7.21	5,249	6.46	54.4	2,529	3,173	3,938	4,814	5,800
NT6215Z	17.40	1/2	115V 60Hz 1~	CSIR	6,632	8.20	6,601	8.09	54.4	3,050	3,915	4,915	6,051	7,321
NT6215Z	17.40	1/2	115V 60Hz 1~	CSR	6,882	8.91	6,575	8.54	54.4	3,005	3,829	4,814	5,953	7,253
NT6215Z	17.40	1/2	208-230V 60Hz 1~	CSIR	6,407	7.68	6,125	7.19	54.4	2,941	3,705	4,601	5,627	6,781
NT6217Z	20.44	3/4	115V 60Hz 1~	CSIR	7,466	7.55	7,425	7.46	54.4	3,552	4,507	5,582	6,781	8,100
NT6217Z	20.44	3/4	115V 60Hz 1~	CSR	7,476	7.82	7,542	8.26	54.4	3,589	4,574	5,653	6,875	8,283
NT6217Z	20.40	3/4	208-230V 60Hz 1~	CSIR	7,585	7.75	7,261	7.43	54.4	3,413	4,331	5,399	6,612	7,976
NT6217Z	20.40	3/4	208-230V 60Hz 1~	CSR	7,811	8.81	7,366	8.35	54.4	3,409	4,327	5,369	6,609	7,987
NJ6220Z	26.11	1	115V 60Hz 1~	CSIR	10,177	8.16	9,134	7.31	54.4	3,417	4,556	5,803	7,171	8,677
NJ6220Z	26.11	1	208-230V 60Hz 1~	CSIR	9,098	7.65	8,167	6.85	54.4	3,263	4,413	5,762	7,302	9,029
NJ6226Z	34.38	1 1/4	208-230V 60Hz 1~	CSR	11,137	7.72	9,996	6.92	54.4	4,331	5,736	7,339	9,130	11,112

GENERAL DATA AND PERFORMANCE



R-134a LBP 60Hz

Performance data in ASHRAE

MODEL	Displacement	HP	Voltage / Frequency	Motor Type	Rated Point - ASHRAE		Rated Point - ARI		Condensing Temperature °F
	in ³				-10°F/130°F		-10°F/120°F		
					Cooling	Efficiency	Cooling	Efficiency	
					BTU/H	BTU/Wh	BTU/H	BTU/Wh	
EMIS30HHR	0.18	1/10	115-127 V 60 Hz 1 ~	RSIR	320	3.70	279	3.20	130
EM45HHR	0.23	1/8	115-127 V 60 Hz 1 ~	RSIR	431	4.17	345	3.43	130
EMI55HER	0.28	1/6	115-127 V 60 Hz 1 ~	RSIR	509	4.55	418	3.89	130
FF10HBK	0.55	1/4+	115 V 60 Hz 1 ~	RSIR/CSIR	838	3.70	689	3.28	130
FF7.5HBK	0.42	1/5+	115 V 60 Hz 1 ~	RSIR	562	3.15	517	3.28	130
FF8.5HBK	0.49	1/4	115 V 60 Hz 1 ~	RSIR/CSIR	743	3.74	607	3.27	130
FFI10HBX	0.55	1/3	115 V 60 Hz 1 ~	CSIR	1,066	4.35	874	3.78	130
FFI12HBX	0.68	1/3+	115-127 V 60 Hz 1 ~	CSIR	1,163	3.97	976	3.56	130

R-134a LBP 60Hz

Performance data in ARI

MODEL	Displacement	HP	Voltage / Frequency	Motor Type	Rated Point - ASHRAE		Rated Point - ARI		Condensing Temperature °F
	in ³				-10°F/130°F		-10°F/120°F		
					Cooling	Efficiency	Cooling	Efficiency	
					BTU/H	BTU/Wh	BTU/H	BTU/Wh	
NE2121Z	0.57	1/4	115V 60Hz 1~	CSIR	949	3.72	697	2.77	120
NE2130Z	0.74	1/3	115V 60Hz 1~	CSIR	1,253	4.06	919	3.01	120
NE2134Z	0.87	1/2	115V 60Hz 1~	CSIR	1,451	4.20	1,066	3.11	120
NEK2140Z	1.02	1/2	115V 60Hz 1~	CSIR	1,708	4.06	1,332	3.21	120

R-134a LBP 60Hz

Performance data in ASHRAE

MODEL	Displacement	HP	Voltage / Frequency	Motor Type	Rated Point - ASHRAE		Rated Point - ARI		Condensing Temperature °F
	in ³				-10°F/130°F		-10°F/120°F		
					Cooling	Efficiency	Cooling	Efficiency	
					BTU/H	BTU/Wh	BTU/H	BTU/Wh	
EMIS30HHR	0.18	1/10	115-127 V 60 Hz 1 ~	RSIR	1,434	8.48	1,173	6.76	130
EM45HHR	0.23	1/8	115-127 V 60 Hz 1 ~	RSIR	1,719	8.43	1,406	6.72	130
FF10HBK	0.55	1/4+	115 V 60 Hz 1 ~	RSIR/CSIR	3,592	7.72	2,797	6.15	130
FF7.5HBK	0.42	1/5+	115 V 60 Hz 1 ~	RSIR	2,347	6.11	2,187	4.87	130
FF8.5HBK	0.49	1/4	115 V 60 Hz 1 ~	RSIR/CSIR	3,159	7.77	2,484	6.19	130
FFI10HBX	0.55	1/3	115 V 60 Hz 1 ~	CSIR	4,412	9.47	3,486	7.55	130
FFI12HBX	0.68	1/3+	115-127 V 60 Hz 1 ~	CSIR	5,212	8.53	4,199	6.80	130

	Cooling Capacity / Evaporating Temperature °F – ASHRAE – BTU/H						Max Height	Weight	LRA	Cooling Type	Lubricant		Exp. Device	Drawings		MODEL
	-31	-22	-13	-4	5	14					in	lb		Oil Charge	Type/Viscosity	
	oz															
	121	196	286	394	523	677	6.5	14.93	16.0	S	5.41	POE/ISO22	C	DWG06	SM07	EMIS30HHR
	164	271	388	520	672	850	6.5	16.51	17.0	S/F	5.41	POE/ISO22	C	DWG06	SM07	EM45HHR
	228	330	459	616	806	1,034	6.5	16.76	18.7	S/F	5.41	POE/ISO22	C	DWG06	SM07	EMI55HER
	368	542	755	1,015	1,330	1,707	7.9	25.34	40.0	F/S	9.47	POE/ISO22	C	DWG09	SM08	FF10HBK
	224	355	506	682	889	1,134	7.7	23.68	25.0	F/S	9.47	POE/ISO22	C	DWG12	SM08	FF7.5HBK
	362	499	674	893	1,164	1,493	7.7	23.81	34.5	F/S	9.47	POE/ISO22	C	DWG13	SM08	FF8.5HBK
	421	668	957	1,296	1,694	2,161	7.9	25.09	35.0	F	9.47	POE/ISO22	C/V	DWG14	SM08	FF10HBX
	542	753	1,044	1,422	1,891	2,457	7.9	25.40	43.0	F	9.47	POE/ISO22	C/V	DWG11	SM08	FF12HBX

	Cooling Capacity / Evaporating Temperature °F – ASHRAE – BTU/H						Max Height	Weight	LRA	Cooling Type	Lubricant		Exp. Device	Drawings		MODEL
	-31	-22	-13	-4	5	14					in	lb		Oil Charge	Type/Viscosity	
	oz															
	372	502	666	861	1,154	1,475	7.87	24.30	29.0	F	11.83	POE/ISO22	C/V	DWG04	SM04	NE2121Z
	567	775	1,025	1,308	1,636	2,001	7.87	24.30	38.0	F	11.83	POE/ISO22	C/V	DWG04	SM04	NE2130Z
	652	878	1,141	1,448	1,820	2,254	7.87	24.30	33.0	F	11.83	POE/ISO22	C/V	DWG04	SM04	NE2134Z
	806	1,072	1,424	1,865	2,384	2,992	8.11	24.30	40.0	F	11.83	POE/ISO22	C/V	DWG04	SM04	NEK2140Z

	Cooling Capacity / Evaporating Temperature °F – ASHRAE – BTU/H							Max Height	Weight	LRA	Cooling Type	Lubricant		Exp. Device	Drawings		MODEL
	-4	5	14	23	32	41	50					in	lb		Oil Charge	Type/Viscosity	
	oz																
	394	523	677	858	1,069	1,315	1,597	6.52	14.93	16.0	F	5.41	POE/ISO22	C	DWG06	SM07	EMIS30HHR
	520	673	850	1,057	1,299	1,581	1,908	6.52	16.51	19.0	F/S	5.41	POE/ISO22	C	DWG06	SM07	EM45HHR
	1,015	1,330	1,707	2,155	2,681	3,293	4,000	7.94	25.34	40.0	F/S	9.47	POE/ISO22	C	DWG09	SM08	FF10HBK
	682	889	1,134	1,423	1,761	2,155	2,609	7.66	23.68	25.0	F/S	9.47	POE/ISO22	C	DWG12	SM08	FF7.5HBK
	893	1,164	1,493	1,886	2,351	2,894	3,521	7.66	23.81	34.5	F/S	9.47	POE/ISO22	C	DWG13	SM08	FF8.5HBK
	1,296	1,694	2,161	2,705	3,335	4,060	4,889	7.90	25.09	35.0	F	9.47	POE/ISO22	C/V	DWG14	SM08	FF10HBX
	1,422	1,891	2,457	3,124	3,899	4,785	5,789	7.90	25.40	43.0	F	9.47	POE/ISO22	C/V	DWG11	SM08	FF12HBX

R-134a LBP 60Hz

Performance data in ARI

MODEL	Displacement	HP	Voltage / Frequency	Motor Type	Rated Point - ASHRAE		Rated Point - ARI		Condensing Temperature °F
					45°F/130°F		45°F/130°F		
	Cooling				Efficiency	Cooling	Efficiency		
	BTU/H				BTU/Wh	BTU/H	BTU/Wh		
NEK6132Z	0.28	1/6	115V 60Hz 1~	CSIR	1,762	7.27	1,615	6.62	130
NEK6144Z	0.33	1/6	115V 60Hz 1~	CSIR	2,186	7.45	1,993	6.76	130
NEK6160Z	0.44	1/4	115V 60Hz 1~	CSIR	2,886	8.03	2,589	7.19	130
NEK6170Z	0.51	1/4	115V 60Hz 1~	CSIR	3,340	7.99	2,997	7.17	130
NEK6187Z	0.61	1/3	115V 60Hz 1~	CSIR	3,832	7.89	3,439	7.08	130
NEK6210Z	0.74	1/3	115V 60Hz 1~	CSIR	4,529	7.45	4,065	6.69	130
NEK6212Z	0.87	1/2	115V 60Hz 1~	CSIR	5,181	6.76	4,649	6.07	130
NEK6214Z	1.02	3/4	115V 60Hz 1~	CSR	5,963	7.00	5,354	6.28	130
NEK6214Z	1.02	3/4	208-230V 60Hz 1~	CSIR	5,796	6.73	5,200	6.05	130
NT6215Z	1.06	1/2	115V 60Hz 1~	CSIR	6,632	8.20	6,601	8.09	130
NT6215Z	1.06	1/2	208-230V 60Hz 1~	CSIR	6,407	7.68	6,125	7.19	130
NT6217Z	1.24	3/4	115V 60Hz 1~	CSIR	7,466	7.55	7,425	7.46	130
NT6217Z	1.24	3/4	208-230V 60Hz 1~	CSIR	7,585	7.75	7,261	7.43	130
NJ6220Z	1.59	1	115V 60Hz 1~	CSIR	10,177	8.16	9,134	7.31	130
NJ6220Z	1.59	1	208-230V 60Hz 1~	CSIR	9,098	7.65	8,167	6.85	130
NJ6226Z	2.10	1 1/4	208-230V 60Hz 1~	CSR	11,137	7.72	9,996	6.92	130

R-404A / R507 LBP 60Hz

Performance data in ARI

MODEL	Displacement	HP	Voltage / Frequency	Motor Type	Rated Point - ASHRAE		Rated Point - ARI		Condensing Temperature °F
					-10°F/130°F		-10°F/120°F		
	Cooling				Efficiency	Cooling	Efficiency		
	BTU/H				BTU/Wh	BTU/H	BTU/Wh		
NEK2121GK	0.33	1/3	115V 60Hz 1~	CSIR	1,212	4.23	891	3.14	120
NEK2125GK	0.38	1/3	115V 60Hz 1~	CSIR	1,458	4.51	1,072	3.38	120
NEK2134GK	0.53	1/2	115V 60Hz 1~	CSIR	1,950	4.51	1,434	3.38	120
NEK2134GK	0.53	1/2	208-230V 60Hz 1~	CSIR	1,858	4.44	1,366	3.31	120
NEK2150GK	0.74	1/2	115V 60Hz 1~	CSIR	2,449	4.17	1,800	3.14	120
NT2212GKV	1.70	1 1/2	115V 60Hz 1~	CSR	5,495	4.68	4,040	3.42	120
NJ2192GK	1.59	1 1/4	115V 60Hz / 100V 50Hz 1~	CSR	4,494	4.44	3,306	3.28	120
NJ2192GK	1.59	1 1/4	208-230V 60Hz / 200V 50Hz 1~	CSR	4,505	4.44	3,313	3.28	120
NT2168GKV	0.88	3/4	115V 60Hz 1~	CSIR	2,630	4.13	1,933	3.07	120
NT2168GKV	0.88	3/4	208-230V 60Hz 1~	CSIR	2,695	4.34	1,981	3.21	120
NT2180GKV	1.25	1	115V 60Hz 1~	CSIR	3,825	4.03	2,811	3.01	120
NT2180GKV	1.25	1	208-230V 60Hz 1~	CSR	3,965	4.51	2,917	3.38	120
NT2212GKV	1.70	1 1/2	208-230 V ~ 60 Hz	CSR	5,710	4.86	4,198	3.52	120

	Cooling Capacity / Evaporating Temperature °F – ARI – BTU/H						Max Height	Weight	LRA	Cooling Type	Lubricant		Exp. Device	Drawings		MODEL		
	5	14	23	32	41	50					in	lb		Oil Charge	Type/Viscosity		External View	Wiring Diagram
														oz				
	510	719	929	1,180	1,472	1,806	7.36	22.05	26.0	F	11.84	POE/ISO22	C/V	DWG04	SM04	NEK6132Z		
	650	914	1,173	1,476	1,828	2,225	7.36	22.27	26.0	F	11.84	POE/ISO22	C/V	DWG04	SM04	NEK6144Z		
	-	1,210	1,536	1,922	2,372	2,889	7.36	22.93	28.5	F	11.84	POE/ISO22	C/V	DWG04	SM04	NEK6160Z		
	-	1,446	1,798	2,237	2,746	3,327	7.36	22.93	28.5	F	11.84	POE/ISO22	C/V	DWG04	SM04	NEK6170Z		
	-	1,626	2,038	2,548	3,147	3,840	7.87	24.26	37.0	F	11.84	POE/ISO22	C/V	DWG04	SM04	NEK6187Z		
	-	1,963	2,465	3,057	3,735	4,503	7.87	24.26	37.0	F	11.84	POE/ISO22	C/V	DWG04	SM04	NEK6210Z		
	-	2,248	2,836	3,510	4,282	5,144	8.11	25.58	40.0	F	11.84	POE/ISO22	C/V	DWG04	SM04	NEK6212Z		
	-	2,555	3,237	4,031	4,927	5,923	8.11	25.58	48.0	F	11.84	POE/ISO22	C/V	DWG04	SM06	NEK6214Z		
	-	2,495	3,147	3,904	4,769	5,728	8.11	25.14	30.0	F	11.84	POE/ISO22	C/V	DWG04	SM04	NEK6214Z		
	-	3,050	3,915	4,915	6,051	7,321	8.15	36.38	44.0	F	15.22	POE/ISO22	C/V	DWG15	SM20	NT6215Z		
	-	2,941	3,705	4,601	5,627	6,781	8.15	37.49	20.8	F	15.22	POE/ISO22	C/V	DWG15	SM20	NT6215Z		
	-	3,552	4,507	5,582	6,781	8,100	8.66	38.59	45.0	F	15.22	POE/ISO22	C/V	DWG15	SM20	NT6217Z		
	-	3,413	4,331	5,399	6,612	7,976	8.15	38.59	31.0	F	15.22	POE/ISO22	C/V	DWG15	SM20	NT6217Z		
	-	3,417	4,556	5,803	7,171	8,677	10.43	43.66	72.0	F	25.36	POE/ISO22	C/V	DWG18	SM14	NJ6220Z		
	-	3,263	4,413	5,762	7,302	9,029	10.43	44.76	42.0	F	25.36	POE/ISO22	C/V	DWG18	SM14	NJ6220Z		
	-	4,331	5,736	7,339	9,130	11,112	9.96	43.88	40.0	F	25.36	POE/ISO22	C/V	DWG18	SM17	NJ6226Z		

	Cooling Capacity / Evaporating Temperature °F – ARI – BTU/H							Max Height	Weight	LRA	Cooling Type	Lubricant		Exp. Device	Drawings		MODEL		
	-40	-31	-22	-13	-4	5	14					in	lb		Oil Charge	Type/Viscosity		External View	Wiring Diagram
															oz				
	307	396	509	652	820	1,011	1,226	7.35	22.93	26.5	F	11.8	POE/ISO22	C/V	DWG04	SM04	NEK2121GK		
	379	488	625	789	980	1,195	1,434	7.35	22.93	26.5	F	11.8	POE/ISO22	C/V	DWG04	SM04	NEK2125GK		
	427	598	806	1,048	1,322	1,626	1,957	7.86	24.26	37.5	F	11.8	POE/ISO22	C/V	DWG04	SM04	NEK2134GK		
	420	570	762	990	1,257	1,561	1,892	8.10	25.58	20.0	F	11.8	POE/ISO22	C/V	DWG04	SM04	NEK2134GK		
	577	772	1,018	1,315	1,660	2,046	2,476	8.10	25.58	41.5	F	11.8	POE/ISO22	C/V	DWG04	SM04	NEK2150GK		
	963	1,643	2,363	3,149	4,026	5,024	6,164	9.83	40.35	93.0	F	22.0	POE/ISO22	C/V	DWG17	SM26	NT2212GKV		
	676	1,062	1,516	2,049	2,674	3,391	4,214	10.89	47.85	98.0	F	25.4	POE/ISO22	C/V	DWG18	SM16	NJ2192GK		
	283	806	1,383	2,012	2,701	3,449	4,252	10.89	48.07	40.0	F	25.4	POE/ISO22	C/V	DWG18	SM16	NJ2192GK		
	533	758	1,048	1,400	1,803	2,254	2,749	8.65	37.49	54.5	F	15.2	POE/ISO22	C/V	DWG17	SM22	T2168GK(V)		
	482	714	1,025	1,434	1,861	2,339	2,862	8.65	36.82	29.0	F	15.2	POE/ISO22	C/V	DWG16	SM20	T2168GK(V)		
	632	1,007	1,400	1,810	2,459	3,142	3,893	8.65	38.59	66.0	F	15.2	POE/ISO22	C/V	DWG17	SM22	T2180GK(V)		
	680	1,093	1,557	2,083	2,671	3,323	4,044	9.20	38.59	40.0	F	15.2	POE/ISO22	C/V	DWG16	SM23	T2180GK(V)		
	1,255	1,816	2,508	3,330	4,281	5,362	6,573	9.83	40.35	45.0	F	22.0	POE/ISO22	C/V	DWG17	SM26	NT2212GKV		

R-404A / R507 MBP 60Hz

Performance data in ARI

MODEL	Displacement	HP	Voltage / Frequency	Motor Type	Rated Point - ASHRAE		Rated Point - ARI		Condensing Temperature °F
	in ³				45°F/130°F		45°F/120°F		
					Cooling	Efficiency	Cooling	Efficiency	
					BTU/H	BTU/Wh	BTU/H	BTU/Wh	
NEK6181GK	7.28	1/3	115V 60Hz 1~	CSIR	4,259	6.86	3,149	6.73	130
NEK6210GK	8.77	1/2	115V 60Hz 1~	CSIR	5,358	7.07	3,962	6.97	130
NEK6181GK	7.28	1/3	208-230V 60Hz 1~	CSIR	4,406	7.07	3,258	6.97	130
NT6217GKV	12.6	3/4	115V 60Hz 1~	CSIR	7,387	7.51	3,518	4.30	130
NT6217GKV	12.6	3/4	208-230V 60Hz 1~	CSIR	7,336	7.27	3,654	4.27	130
NT6220GKV	14.5	3/4	115V 60Hz 1~	CSIR	8,470	7.31	4,235	4.75	130
NT6220GKV	14.5	3/4	208-230V 60Hz 1~	CSIR	8,275	6.83	4,259	4.71	130
NT6222GK(V)	17.4	1	115V 60Hz 1~	CSIR	10,382	7.27	5,345	4.58	130
NT6222GK(V)	17.4	1	208-230V 60Hz 1~	CSIR	10,000	6.42	5,037	3.89	130
NT6224GKV	20.44	1	115V 60Hz 1~	CSR	12,336	7.85	6,349	5.29	130
NT6224GKV	20.4	1	208-230V 60Hz 1~	CSR	11,994	7.68	6,175	5.29	130
NT6226GKV	22.4	1	115V 60Hz 1~	CSR	13,265	7.24	6,632	4.82	130
NTU6232GKV	20.44	1	208-230V 60Hz 1~	CSR	13,770	9.70	7,175	5.91	130
NTU6234GKV	23.74	1 1/4	208-230V 60Hz 1~	CSR	16,010	9.46	8,459	5.91	130
NTU6238GKV	26.21	1 1/2	208-230V 60Hz 1~	CSR	17,602	9.22	9,385	5.94	130
NTU6240GKV	27.8	1 1/2	208-230V 60Hz 1~	CSR	18,333	8.88	9,767	5.84	130

R-22 HBP 60Hz

Performance data in ASHRAE

MODEL	Displacement	HP	Voltage / Frequency	Motor Type	Rated Point - ASHRAE		Rated Point - ARI		Condensing Temperature °F
	in ³				-10°F/130°F		-10°F/120°F		
					Cooling	Efficiency	Cooling	Efficiency	
					BTU/H	BTU/Wh	BTU/H	BTU/Wh	
NE6195E	0.49	1/2	115 V 60 Hz / 100 V 50 HZ 1 ~	CSIR	4,378	7.72	3,680	7.08	130
NJ7225F	1.32	1	208-230 V 60 Hz / 200 V 50 Hz 1 ~	PSC	11,520	7.99	10,692	7.37	130
NJ7231F	1.59	1 1/4	208-230 V 60 Hz / 200 V 50 Hz 1 ~	PSC	14,394	8.33	13,360	7.64	130
NJ7238E	1.99	1 1/2	230 V 60Hz/ 200 V 50Hz	PSC	17,676	7.66	16,406	7.00	130
NJ7240F	2.10	1 1/2	208-230 V 60 Hz / 200 V 50 Hz 1 ~	PSC	19,366	7.53	17,975	6.95	130
NE6210E	0.54	1/2	115V 60Hz / 100V 50Hz 1~	CSIR	4,631	6.86	4,080	6.40	130
T6217E	0.88	3/4+	115V 60Hz / 100V 50 Hz 1~z	CSIR	7,534	7.10	6,500	6.42	130
T6220E	1.06	1-	208-230V 60Hz / 200V 50Hz 1~	CSR	9,054	7.72	7,990	7.20	130
T6220E	1.06	1-	115V 60Hz / 100V 50Hz 1~	CSR	9,054	7.72	7,990	7.20	130
T6222E	1.24	1	208-230V 60Hz / 200V 50Hz 1~	CSR	10,423	7.31	9,674	6.81	130
T6222E	1.24	1	115V 60Hz / 100V 50Hz 1~	CSR	10,273	7.00	9,600	6.79	130
NE9213E	0.74	3/4	208-230V 60Hz / 200V 50Hz 1~	CSR	6,625	7.68	5,860	7.05	130
NE9213E	0.74	3/4	115V 60Hz / 100V 50Hz 1~	CSR	6,591	7.48	5,780	6.83	130
NJ9232E	1.60	1 1/4	208-230V 60Hz / 200V 50Hz 1~	CSR	14,515	8.37	13,472	7.79	130

	Cooling Capacity / Evaporating Temperature °F – ARI – BTU/H							Max Height	Weight	LRA	Cooling Type	Lubricant		Exp. Device	Drawings		MODEL		
	-4	5	14	23	32	41	50					in	lb		Oil Charge	Type/Viscosity		External View	Wiring Diagram
															oz				
	1,188	1,448	1,745	2,087	2,479	2,923	3,436	7.36	22.93	26.5	F	11.8	POE/ISO22	C/V	DWG04	SM04	NEK6181GK		
	1,482	1,762	2,121	2,558	3,077	3,671	4,344	7.87	24.26	38.0	F	11.8	POE/ISO22	C/V	DWG04	SM04	NEK6210GK		
	1,281	1,455	1,728	2,090	2,527	3,026	3,579	7.36	22.93	17.5	F	11.8	POE/ISO22	C/V	DWG04	SM04	NEK6181GK		
	1,704	2,124	2,640	3,241	3,938	4,727	5,604	8.66	37.49	50.0	F	15.2	POE/ISO22	C/V	DWG16	SM20	NT6217GK(V)		
	1,731	2,182	2,701	3,296	3,965	4,706	5,519	8.66	37.49	27.0	F	15.2	POE/ISO22	C/V	DWG16	SM20	NT6217GK(V)		
	1,967	2,541	3,221	3,996	4,860	5,799	6,820	8.66	37.49	54.5	F	15.2	POE/ISO22	C/V	DWG17	SM22	NT6220GKV		
	2,083	2,633	3,261	3,979	4,781	5,679	6,684	8.66	37.26	26.5	F	15.2	POE/ISO22	C/V	DWG16	SM20	NT6220GKV		
	2,637	3,285	4,064	4,969	5,994	7,138	8,405	8.66	37.49	70.0	F	15.2	POE/ISO22	C/V	DWG17	SM22	NT6222GK(V)		
	2,568	3,210	3,982	4,867	5,833	6,871	7,961	8.66	37.93	33.7	F	15.2	POE/ISO22	C/V	DWG16	SM20	NT6222GK(V)		
	3,050	3,842	4,778	5,854	7,063	8,401	9,880	9.21	37.26	77.0	F	15.2	POE/ISO22	C/V	DWG16	SM23	NT6224GKV		
	3,040	3,845	4,754	5,772	6,909	8,169	9,576	8.66	37.04	36.0	F	15.2	POE/ISO22	C/V	DWG16	SM23	NT6224GKV		
	3,313	4,054	5,013	6,185	7,575	9,180	11,000	9.21	38.59	77.0	F	15.2	POE/ISO22	C/V	DWG17	SM26	NT6226GK(V)		
	3,145	4,184	5,331	6,513	7,780	9,119	10,553	9.84	39.91	46.0	F	22.0	POE/ISO22	C/V	DWG19	SM26	NTU6232GKV		
	4,996	6,250	7,640	9,170	10,843	12,653	14,651	9.84	39.91	46.0	F	22.0	POE/ISO22	C/V	DWG19	SM26	NTU6234GKV		
	4,242	5,475	6,748	8,224	10,068	11,987	14,139	9.84	40.35	51.0	F	22.0	POE/ISO22	C/V	DWG19	SM26	NTU6238GKV		
	4,542	5,819	7,052	8,487	10,365	12,260	14,378	9.84	40.35	51.0	F	22.0	POE/ISO22	C/V	DWG19	SM26	NTU6240GKV		

	Cooling Capacity / Evaporating Temperature °F – ARI – BTU/H							Max Height	Weight	LRA	Cooling Type	Lubricant		Exp. Device	Drawings		MODEL		
	-4	5	14	23	32	41	50					in	lb		Oil Charge	Type/Viscosity		External View	Wiring Diagram
															oz				
	-	1,609	2,076	2,640	3,299	4,054	4,904	7.9	22.70	29.0	F	11.83	AB/ISO46	C/V	DWG04	SM04	NE6195E		
	-	-	-	-	8,115	10,405	13,203	10.4	42.55	30.0	F	25.36	MO/ISO32	C/V	DWG18	SM17	NJ7225F		
	-	-	-	-	11,033	13,411	16,084	10.4	44.75	37.0	F	25.36	MO/ISO32	C/V	DWG18	SM17	NJ7231F		
	-	-	-	-	13,481	16,410	19,972	10.4	48.72	51.0	F	25.36	MO/ISO32	C/V	DWG18	SM17	NJ7238E		
	-	-	-	-	14,569	17,901	21,638	10.4	48.50	50.0	F	25.36	MO/ISO32	C/V	DWG18	SM15	NJ7240F		
	-	-	2,234	2,811	3,487	4,262	5,133	7.4	22.9	29.0	F	11.83	AB/ISO46	C/V	DWG04	SM04	NE6210E		
	-	-	-	4,286	5,546	6,905	8,360	8.7	35.5	55.0	F	18.60	AB/ISO46	C/V	DWG21	SM10	T6217E		
	-	-	-	4,529	6,267	8,166	10,228	8.7	34.2	30.0	F	18.60	AB/ISO46	C/V	DWG21	SM12	T6220E		
	-	-	-	4,529	6,267	8,166	10,228	8.7	34.8	72.0	F	18.60	AB/ISO46	C/V	DWG21	SM12	T6220E		
	-	-	-	6,335	7,787	8,521	11,618	8.7	36.8	34.0	F	18.60	AB/ISO46	C/V	DWG21	SM12	T6222E		
	-	-	-	6,335	7,787	9,545	11,618	8.7	36.8	71.0	F	18.60	AB/ISO46	C/V	DWG21	SM12	T6222E		
	-	-	3,244	4,085	5,044	6,117	7,305	8.1	25.8	25.9	F	11.83	AB/ISO46	C/V	DWG04	SM06	NE9213E		
	-	-	3,200	4,020	4,976	6,069	7,295	8.1	25.8	36.0	F	11.83	AB/ISO46	C/V	DWG04	SM06	NE9213E		
	-	-	5,813	6,240	8,951	10,956	13,319	10.9	48.7	47.0	F	25.36	AB/ISO46	C/V	DWG14	SM17	NJ9232E		

BLEND LBP 60Hz

Performance data in ASHRAE

MODEL	Displacement	HP	Voltage / Frequency	Motor Type	Rated Point - ASHRAE		Rated Point - ARI		Condensing Temperature °F
	in ³				-10°F/130°F		-10°F/120°F		
					Cooling	Efficiency	Cooling	Efficiency	
					BTU/H	BTU/Wh	BTU/H	BTU/Wh	
EMI30ER	0.18	1/10	115-127 V 60 Hz 1 ~	RSIR	340	4.12	299	3.72	130
EMI45ER	0.23	1/8	115-127 V 60 Hz 1 ~	RSIR	396	3.73	413	3.97	130
EMI55ER	0.28	1/6	115-127 V 60 Hz 1 ~	RSIR	559	4.47	485	4.03	130
EM65NR	0.34	1/5	115-127 V 60 Hz 1 ~	RSIR	640	4.13	541	3.75	130
FF10BK	0.55	1/4+	115 V 60 Hz 1 ~	RSIR/CSIR	914	3.56	779	3.25	130
FF11.5BK	0.68	1/3	115-127 V 60 Hz 1 ~	RSIR/CSIR	1,130	3.88	962	3.47	130
FF8.5BK	0.49	1/4	115 V 60 Hz 1 ~	RSIR/CSIR	844	3.82	724	3.44	130
FFC60BK	0.37	1/5+	115-127 V 60 Hz 1 ~	RSIR	756	4.7	642	4.28	130
FFI12BX	0.68	1/3+	115 V 60 Hz 1 ~	CSIR	1,381	4.09	1,148	3.59	130

BLEND M/HBP 60Hz

Performance data in ASHRAE

MODEL	Displacement	HP	Voltage / Frequency	Motor Type	Rated Point - ASHRAE		Rated Point - ARI		Condensing Temperature °F
	in ³				45°F/130°F		45°F/120°F		
					Cooling	Efficiency	Cooling	Efficiency	
					BTU/H	BTU/Wh	BTU/H	BTU/Wh	
FF10BK	0.55	1/4+	115 V 60 Hz 1 ~	RSIR/CSIR	3,243	6.74	3,243	5.67	130
FF11.5BK	0.68	1/3	115-127 V 60 Hz 1 ~	RSIR/CSIR	4,000	6.85	4,000	5.79	130
FF8.5BK	0.48	1/4	115 V 60 Hz 1 ~	RSIR/CSIR	3,037	7.06	3,080	5.93	130
FFC60BK	0.36	1/5+	115-127 V 60 Hz 1 ~	RSIR	2,791	9.97	2,791	8.37	130
FFI12BX	0.68	1/3+	115 V 60 Hz 1 ~	CSIR	4,973	7.92	5,000	7.28	130

	Cooling Capacity / Evaporating Temperature °F – ARI – BTU/H						Max Height	Weight	LRA	Cooling type	Lubricant		Exp. Device	Drawings		MODEL
	-31	-22	-13	-4	5	14					in	lb		Oil Charge	Type/Viscosity	
							oz									
	116	211	306	412	540	701	6.10	15.52	11.40	S	5.41	ISO32	C	DWG07	SM07	EMI30ER
	214	220	338	529	756	980	6.54	16.87	15.00	S	5.41	ISO32	C	DWG06	SM07	EMI45ER
	250	363	504	677	887	1,136	6.54	16.82	18.70	S/F	5.41	ISO32	C	DWG06	SM07	EMI55ER
	315	438	585	756	957	1,189	6.73	16.69	21.00	S	5.41	ISO32	C	DWG01	SM07	EM65NR
	475	644	840	1,071	1,344	1,665	7.72	23.68	34	F/S	9.47	ISO32	C	DWG08	SM08	FF10BK
	766	862	1,047	1,317	1,665	2,086	7.95	25.14	40	F	9.47	ISO32	C	DWG09	SM08	FF11.5BK
	445	600	777	986	1,235	1,532	7.72	23.64	33	F/S	9.47	ISO32	C	DWG10	SM08	FF8.5BK
	-	-	-	-	-	-	7.68	24.01	23.2	S	9.47	ISO32	C	DWG05	SM08	FFC60BK
	970	1,066	1,282	1,609	2,040	2,566	7.91	25.16	43	F	9.47	ISO32	C/V	DWG11	SM08	FFI12BX

	Cooling Capacity / Evaporating Temperature °F – ARI – BTU/H							Max Height	Weight	LRA	Cooling Type	Lubricant		Exp. Device	Drawings		MODEL
	-4	5	14	23	32	41	50					in	lb		Oil Charge	Type/Viscosity	
								oz									
	1,071	1,344	1,665	2,043	2,483	2,994	3,582	7.7	23.68	34.0	F/S	9.47	ISO32	C	DWG08	SM08	FF10BK
	1,317	1,665	2,086	2,573	3,120	3,721	4,370	7.9	25.14	40.0	F	9.47	ISO32	C	DWG09	SM08	FF11.5BK
	986	1,235	1,532	1,886	2,304	2,795	3,368	7.7	23.64	33.0	F/S	9.47	ISO32	C	DWG10	SM08	FF8.5BK
	-	-	-	-	-	-	-	7.7	24.01	23.2	S	9.47	ISO32	C	DWG05	SM08	FFC60BK
	1,609	2,040	2,566	3,177	3,865	4,621	5,437	7.9	25.16	43.0	F	9.47	ISO32	C/V	DWG11	SM08	FFI12BX

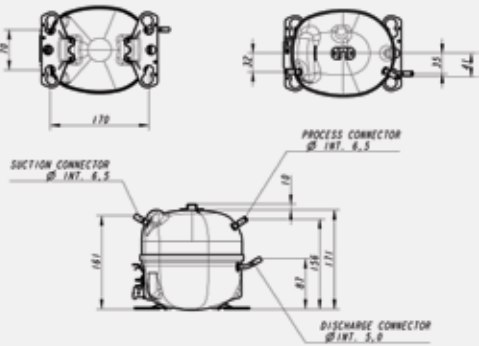


EXTERNAL VIEWS AND WIRING DIAGRAMS

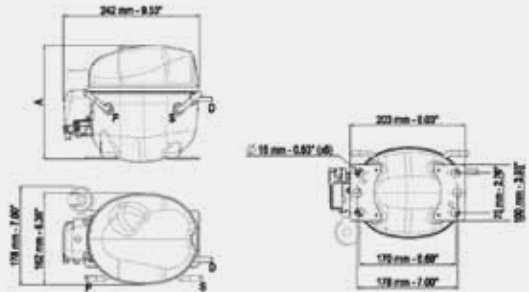
A decorative graphic consisting of two thin white lines that cross each other in a wavy pattern, positioned below the main title.

EXTERNAL VIEWS

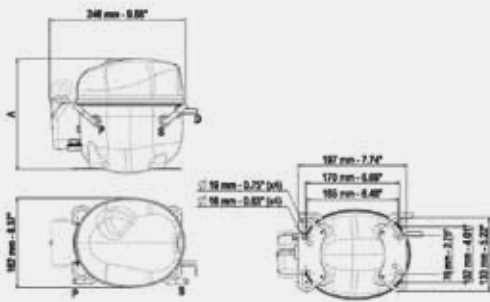
DWG01 - EM SERIES



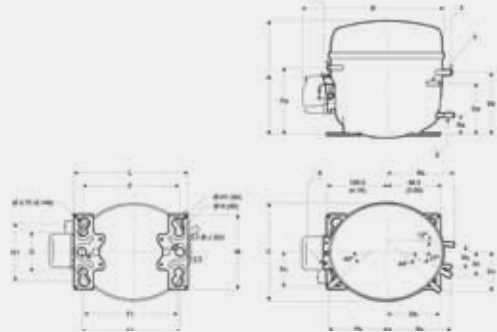
DWG02/DWG03 - NE SERIES



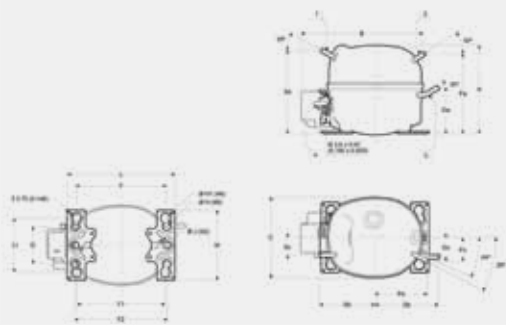
DWG04 - NE SERIES



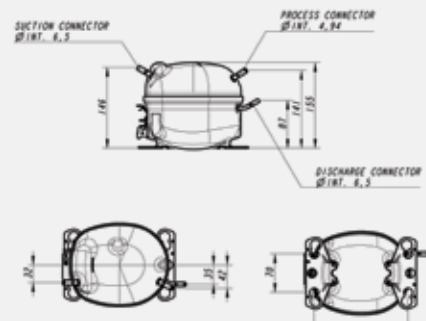
DWG05 - F SERIES



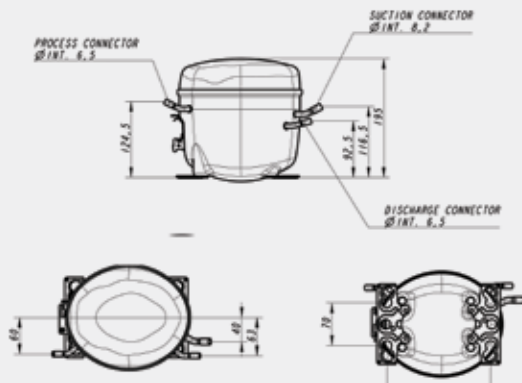
DWG06 - EM SERIES



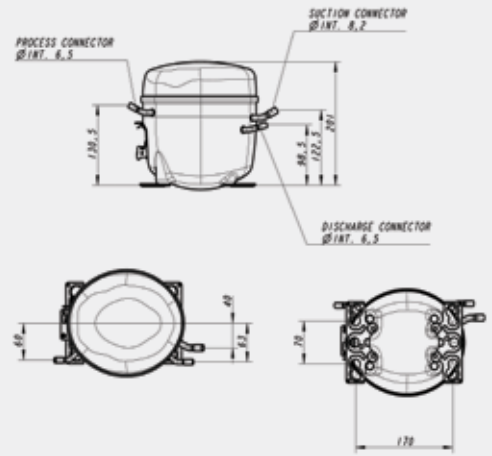
DWG07 - EM SERIES



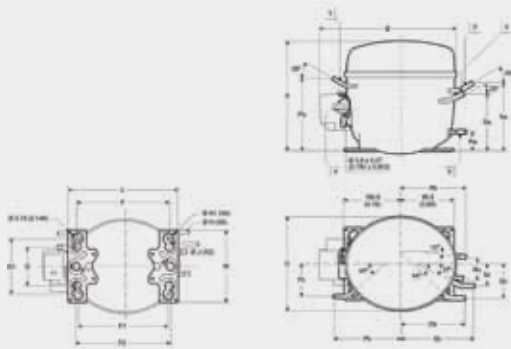
DWG08 - F SERIES



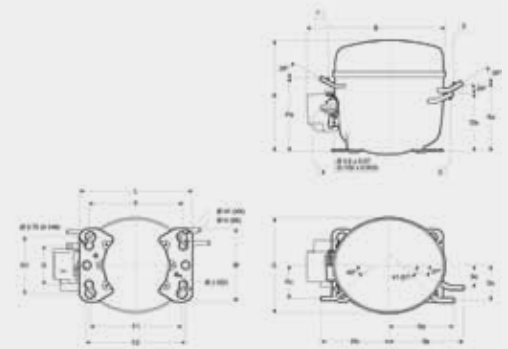
DWG09 - F SERIES



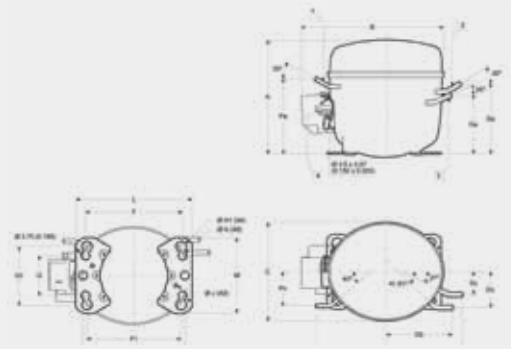
DWG10 - F SERIES



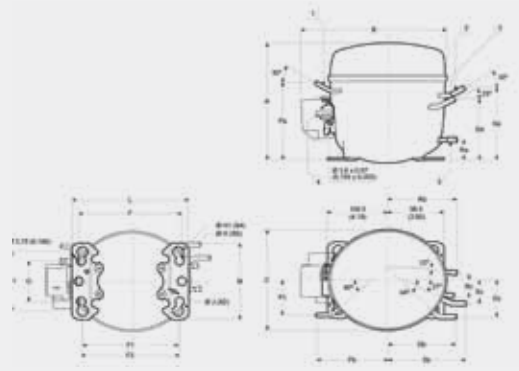
DWG11 - F SERIES



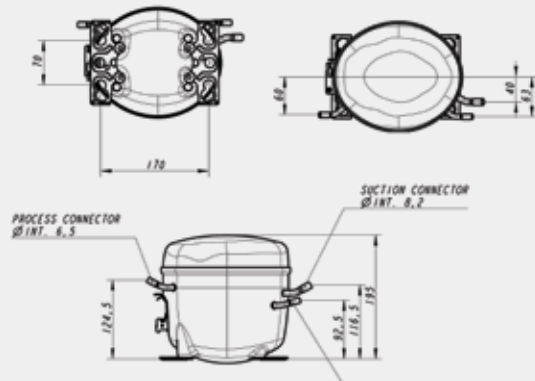
DWG12 - F SERIES



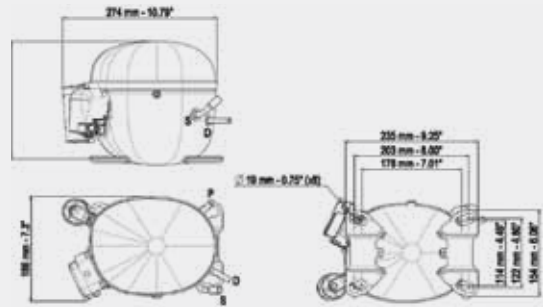
DWG13 - F SERIES



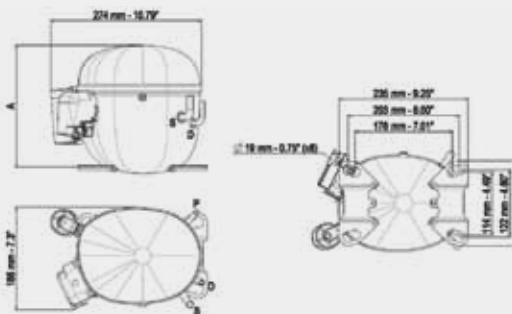
DWG14 - F SERIES



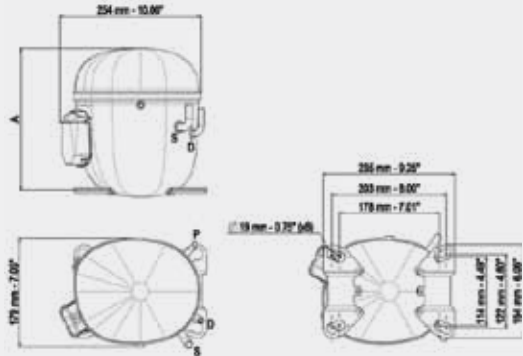
DWG15 - NT SERIES



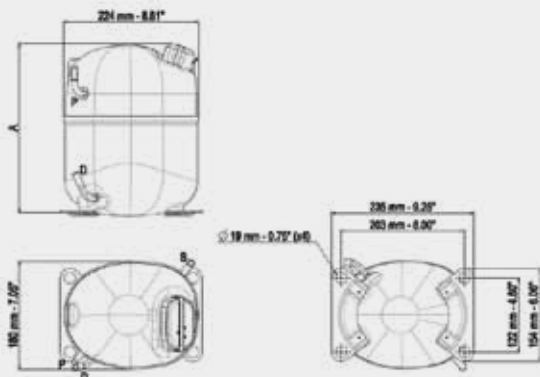
DWG16 - NT SERIES



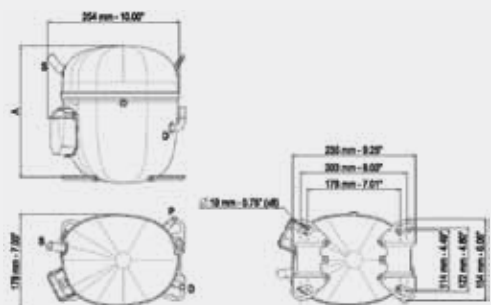
DWG17 - NT SERIES



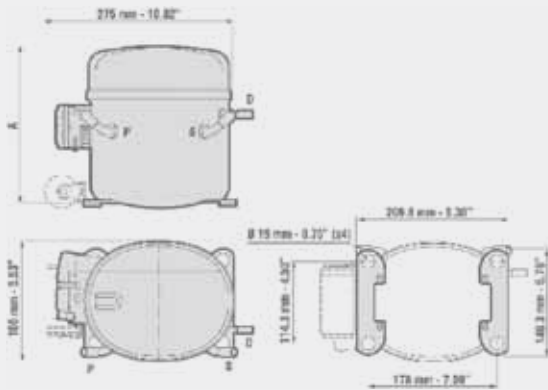
DWG18 - NJ SERIES



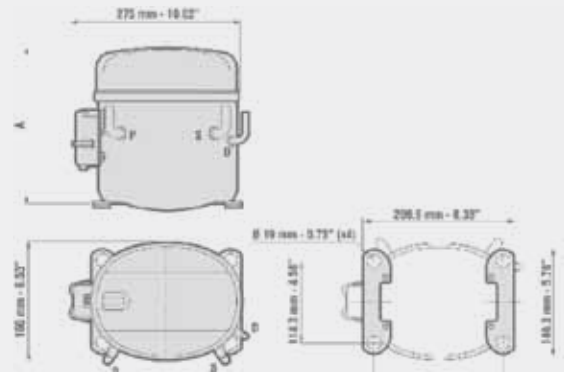
DWG19 - NTU SERIES



DWG20 - T SERIES

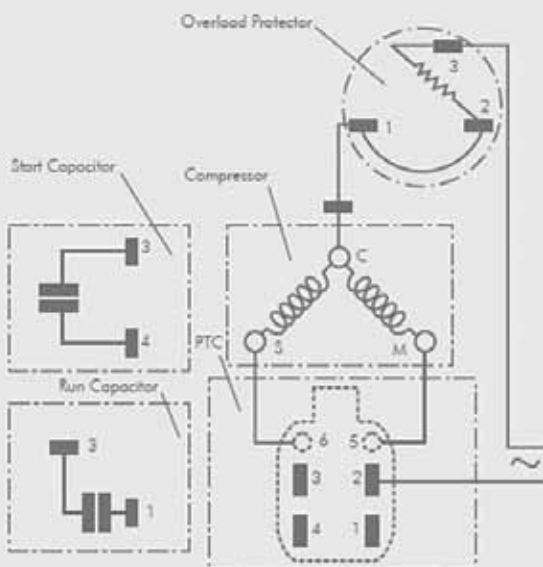


DWG21 - T SERIES

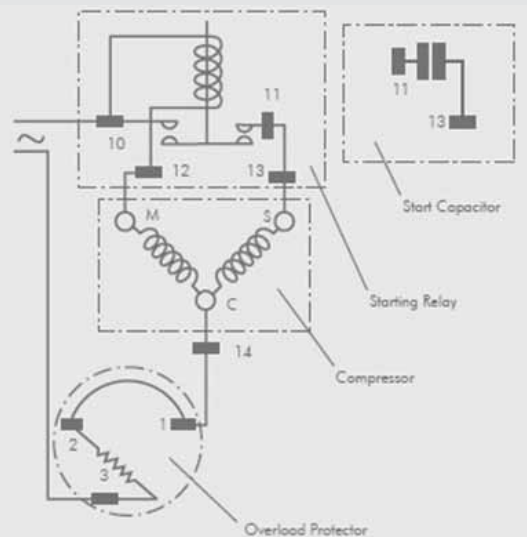


WIRING DIAGRAMS

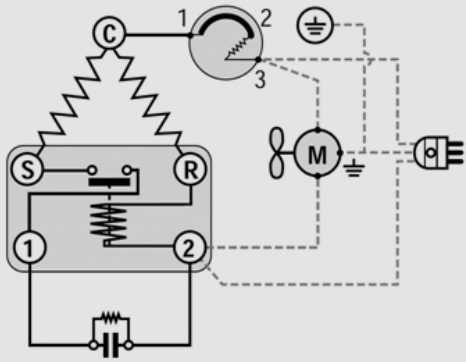
SM07 - EM Compressors
CSCR / CSIR / RSCR / RSIR - PTC



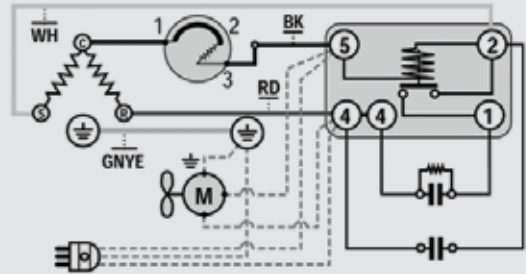
SM08
F Compressors CSIR / RSIR



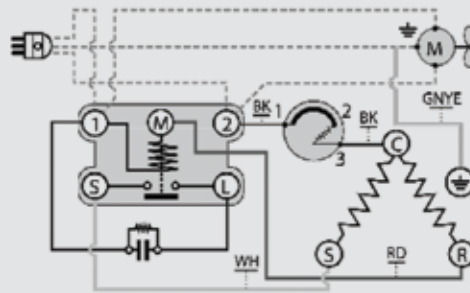
**SM04 - NE SERIES CSIR
American Version**



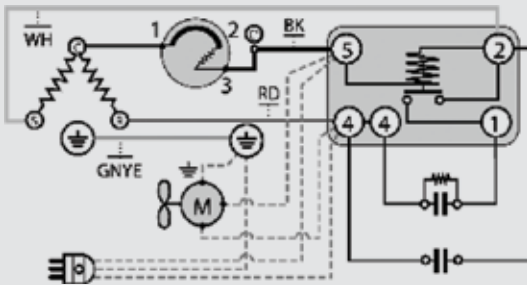
**SM06
NE SERIES CSIR Box**



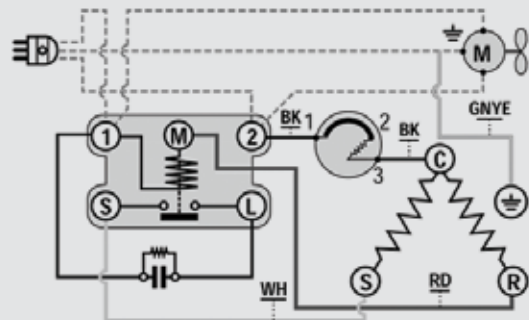
**SM010
T SERIES CSIR Box**



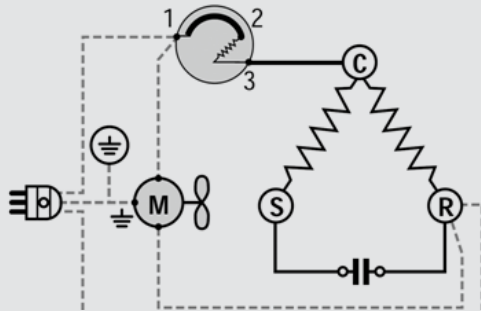
**SM12
T SERIES CSIR Box**



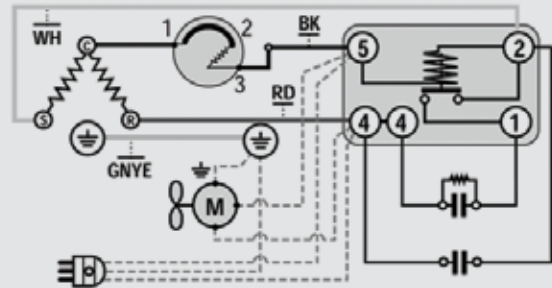
**SM014
NJ SERIES CSIR Box**



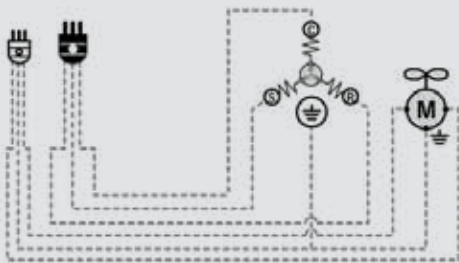
SM15
NJ SERIES PSC



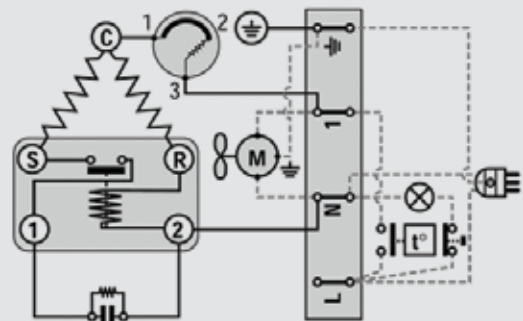
SM017 - NJ SERIES CSR Box
(External Overload Protector)



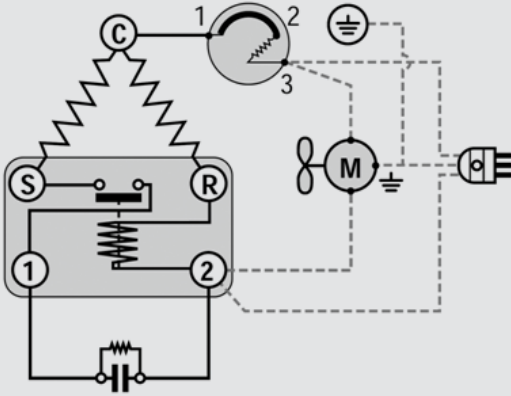
SM18 - NJ SERIES 3-Phase
Internal Overload Protector)



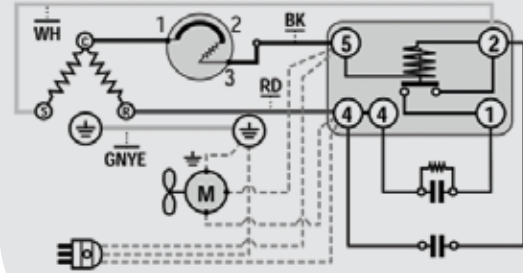
SM19 - NT SERIES CSiR
Terminal Board



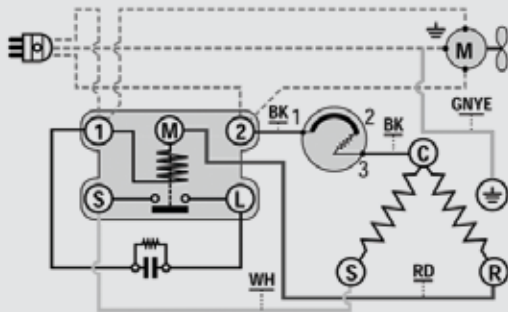
**SM020 - NT SERIES CSIR
American Version**



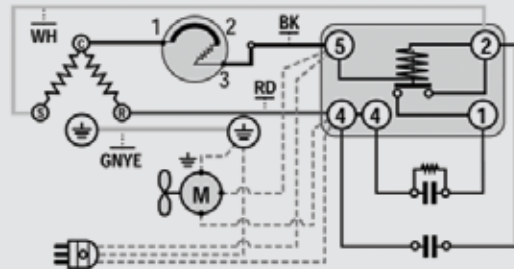
**SM21
NT SERIES CSR Box**



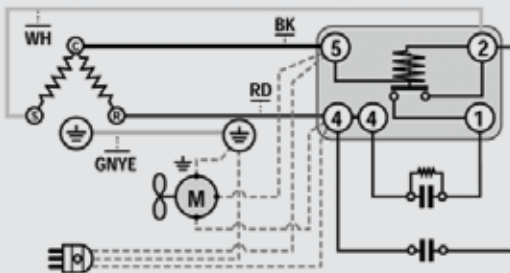
**SM22
NT SERIES CSIR Box**



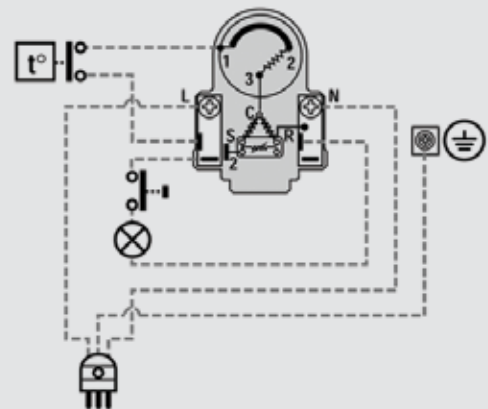
**SM023
NT SERIES CSR Box**



**SM26 - NT SERIES CSR Box
(Internal Overload Protector)**



**SM00 - NE SERIES RSIR PTC
European Version**



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