



**FREQUENCY: 50 Hz**

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**TEST CONDITIONS**

TEMPERATURE	ASHRAE Subcooled Liquid Conditions						CECOMAF			
	LBP		MBP-HBP		AC		LBP		MBP-HBP	
	[°C]	[°F]	[°C]	[°F]	[°C]	[°F]	[°C]	[°F]	[°C]	[°F]
Evaporating	-23.3	-9.9	7.2	45.0	7.2	45.0	-25.0	-13.0	5.0	41.0
Condensing	54.4	129.9	54.4	129.9	54.4	129.9	55.0	131.0	55.0	131.0
Gas & Ambient	32.2	90.0	35.0	95.0	35.0	95.0	32.0	89.6	32.0	89.6
Liquid	32.2	90.0	46.1	95.0	46.1	115.0	55.0	131.0	55.0	131.0

REFRIGERANT	APPLICATION	FREQUENCY	Available Types
<b>R134a</b>	<b>LBP</b>	<b>50 Hz</b>	

COMPRESSOR	BILL OF MATERIALS	SUPPLY												
		A 220 - 240 V 50 Hz 1~	C 220 V 50 Hz 1~	D (208 - 230 V 60 Hz 1~) 200 V 50 Hz 1~	G (115 V 60 Hz 1~) 100 V 50 Hz 1~	J (230 V 60 Hz 1~) 200 V 50 Hz 1~	K 200 - 220 V 50 Hz 1~ (230 V 60 Hz 1~)	L 200 - 240 V 50 Hz 3~ (230 V 60 Hz 3~)	M 380 - 420 V 50 Hz 3~ (440 - 480 V 60 Hz 3~)	N 200 - 240 V 50 Hz 1~ (230 V 60 Hz 1~)	O 100 V 50/(60) Hz 1~	T 220 - 230 V 50 Hz 1~	V 230 V 50 Hz 1~	W 220 V 50/(60) Hz ~
EMS22HLP	191D	■												
EMS36HLP	191E	■												
EMS43HLP	192A	■												
EMS49HLP	192B	■												
EMT22HLP	191C	■												
EMT36HLP	192C	■												
EMT43HLP	192D	■												
EMT49HLP	192E	■												
EMT60HLP	192G	■												
BP1046Z	221A	■			■									■
BP1058Z	221B	■			■									
BP1072Z	221C	■			■									
BP1084Z	221D	■			■									
BP1111Z	222A	■			■									
BPM1046Z	225A	■												
BPM1058Z	225B	■					■							
BPM1072Z	225C	■					■							
BPM1084Z	225D	■					■							
BPM1110Z	225E	■												
BPM1111Z	226A	■					■							
B1090Z	240H									■				
B1112Z	240A	■			■		■							
B1113Z	241P									■				
B1116Z	241A	■			■		■							
B1117Z	242C									■				
B1118Z	241C	■			■		■							
B1119Z	242L									■				
B2112Z	240B	■												
B2116Z	241B	■			■									
B2118Z	241D	■												
B3113Z	241P									■				
B3116Z	241A	■												
B3117Z	242C									■				
B3118Z	241C	■												
B3119Z	242L									■				
BK1086Z	241N	■												
BK1112Z	241O	■												
BK1114Z	242A	■												
BK1116Z	242B	■												
NB1112Z	250A	■												
NB1112Z	251P						■							
NB1114Z	251T	■												
NB1115Z	251Q	■					■							
NB1116Z	251A	■												
NB1118Z	251C	■												
NB1118Z	252N						■							
NBM1114Z	252H	■												
NBM1115Z	252M	■												
NBK1112Z	251O	■												
NBK1114Z	252A	■												
NBK1116Z	252B	■												

REFRIGERANT	APPLICATION	FREQUENCY	Available Types
<b>R134a</b>	<b>LBP</b>	<b>50 Hz</b>	

COMPRESSOR	BILL OF MATERIALS	SUPPLY												
		A 220 - 240 V 50 Hz 1~	C 220 V 50 Hz 1~	D (208 - 230 V 60 Hz 1~) 200 V 50 Hz 1~	G (115 V 60 Hz 1~) 100 V 50 Hz 1~	J (230 V 60 Hz 1~) 200 V 50 Hz 1~	K 200 - 220 V 50 Hz 1~ (230 V 60 Hz 1~)	L 200 - 240 V 50 Hz 3~ (230 V 60 Hz 3~)	M 380 - 420 V 50 Hz 3~ (440 - 480 V 60 Hz 3~)	N 200 - 240 V 50 Hz 1~ (230 V 60 Hz 1~)	Q 100 V 50/(60) Hz 1~	T 220 - 230 V 50 Hz 1~	V 230 V 50 Hz 1~	W 220 V 50/(60) Hz ~
E1121Z	219A	■			■		■							
E1130Z	219C	■			■		■							
E2121Z	219B	■			■									
E2130Z	219D	■		■	■									
E3121Z	219A	■			■									
E3130Z	219C	■			■		■							
E4121Z	219B	■			■									
E4130Z	219D				■									
T1134Z	233A				■									■
T1140Z	237A	■												
T2134Z	233B			■	■									■
T2140Z	237B	■		■										
T3134Z	233A				■									■
T4134Z	233B				■									■
J2152Z	164L	■		■	■									

**REFRIGERANT** | **APPLICATION** | **FREQUENCY** | **Data and Performance**  
**R134a** | **LBP** | **50 Hz**

COMPRESSOR	Supply Code	Max. Ambient Temp. [°C]	Displacement		Starting Torque (1)	Motor	Cooling Type (2)	Max Height (3)	ASHRAE / SUBCOOLED LIQUID CONDITIONS						CECOMAF				
			[cm³]	[cu.in.]					Cooling Capacity			Power input [W]	EER		Cooling Capacity [W]	Power input [W]	COP		
									[kcal/h]	[W]	[Btu/h]		[kcal/hW]	[Btu/hW]					
EMS22HLP	A	+38	3.00	0.18	LST	RSIR	S	●	156.0	6.1	63	73	249	68	0.92	3.64	53	65	0.81
EMS36HLP	A	+38	3.97	0.24	LST	RSIR	S	●	156.0	6.1	93	108	369	89	1.04	4.12	79	85	0.93
EMS43HLP	A	+38	4.85	0.30	LST	RSIR	S	●	164.0	6.5	114	133	454	109	1.05	4.16	97	104	0.93
EMS49HLP	A	+38	5.57	0.34	LST	RSIR	S	●	164.0	6.5	129	150	513	123	1.05	4.16	110	118	0.93
EMT22HLP	A	+38	3.00	0.18	LST	RSIR - RSCR	S	●	156.0	6.1	64	75	254	62	1.03	4.08	54	59	0.91
EMT36HLP	A	+38	3.97	0.24	LST	RSIR - RSCR	S	●	164.0	6.5	93	108	370	85	1.10	4.35	80	81	0.98
EMT43HLP	A	+38	4.85	0.30	LST	RSIR - RSCR	S	●	164.0	6.5	115	133	455	102	1.13	4.47	98	97	1.01
EMT49HLP	A	+38	6.84	0.42	LST	RSIR - RSCR	S	●	164.0	6.5	130	151	516	114	1.14	4.53	111	108	1.03
EMT60HLP	A	+38	7.87	0.48	LST	RSIR - RSCR	S	●	164.0	6.5	151	175	598	151	1.00	3.97	129	144	0.90
BP1046Z	A	+38	2.85	0.17	LST	RSIR - RSCR	S	●	150.0	5.9	52	60	205	66	0.78	3.11	43	63	0.69
BP1046Z	G	+38	2.85	0.17	LST	RSIR - RSCR	S	●	150.0	5.9	52	60	205	67	0.78	3.08	43	64	0.68
BP1046Z	W	+38	2.85	0.17	LST	RSIR - RSCR	S	●	150.0	5.9	52	60	205	75	0.69	2.75	43	71	0.61
BP1058Z	A	+38	3.40	0.21	LST	RSIR - RSCR	S	●	150.0	5.9	60	70	239	75	0.80	3.17	50	72	0.70
BP1058Z	G	+38	3.40	0.21	LST	RSIR - RSCR	S	●	150.0	5.9	60	70	239	75	0.80	3.17	50	71	0.71
BP1072Z	A	+38	4.15	0.25	LST	RSIR - RSCR	S	●	150.0	5.9	77	90	305	92	0.84	3.33	65	88	0.74
BP1072Z	G	+38	4.15	0.25	LST	RSIR - RSCR	S	●	150.0	5.9	77	90	305	92	0.84	3.33	65	87	0.75
BP1084Z	A	+38	4.60	0.28	LST	RSIR - RSCR	S	●	150.0	5.9	89	104	354	103	0.87	3.45	76	98	0.77
BP1084Z	G	+38	4.60	0.28	LST	RSIR - RSCR	S	●	150.0	5.9	89	104	354	99	0.90	3.58	76	94	0.80
BP1111Z	A	+38	5.93	0.36	LST	RSIR - RSCR	S	●	159.0	6.3	107	125	426	125	0.86	3.41	92	119	0.78
BP1111Z	G	+38	5.93	0.36	LST	RSIR - RSCR	S	●	159.0	6.3	107	125	426	138	0.78	3.10	92	131	0.70
BPM1046Z	A	+38	2.34	0.14	LST	RSIR - RSCR	S	●	150.0	5.9	42	49	166	53	0.79	3.15	35	50	0.70
BPM1058Z	A	+38	2.85	0.17	LST	RSIR - RSCR	S	●	150.0	5.9	57	67	227	62	0.92	3.64	48	59	0.81
BPM1058Z	K	+43	2.85	0.17	LST	RSIR - RSCR	S	●	150.0	5.9	57	67	227	67	0.85	3.39	48	63	0.75
BPM1072Z	A	+38	3.40	0.21	LST	RSIR - RSCR	S	●	150.0	5.9	71	83	282	75	0.94	3.75	60	71	0.84
BPM1072Z	K	+43	3.40	0.21	LST	RSIR - RSCR	S	●	150.0	5.9	71	83	282	78	0.91	3.61	60	74	0.81
BPM1084Z	A	+38	4.15	0.25	LST	RSIR - RSCR	S	●	150.0	5.9	89	104	355	92	0.97	3.84	75	87	0.86
BPM1084Z	K	+43	4.15	0.25	LST	RSIR - RSCR	S	●	150.0	5.9	89	104	355	94	0.95	3.77	75	89	0.85
BPM1110Z	A	+38	4.60	0.28	LST	RSIR - RSCR	S	●	150.0	5.9	100	116	397	103	0.97	3.85	85	98	0.87
BPM1111Z	A	+38	5.61	0.34	LST	RSIR - RSCR	S	●	159.0	6.3	119	138	472	122	0.97	3.86	101	116	0.87
BPM1111Z	K	+43	5.61	0.34	LST	RSIR - RSCR	S	●	159.0	6.3	119	138	472	127	0.94	3.71	101	121	0.84
B1090Z	N	+38	4.85	0.30	LST	RSIR	S	●	177.0	7.0	82	95	325	101	0.81	3.22	68	95	0.71
B1112Z	A	+38	6.27	0.38	LST	RSIR	S	●	177.0	7.0	111	129	442	124	0.90	3.56	94	117	0.80
B1112Z	A	+38	6.27	0.38	LST	RSIR - RSCR	S	●	177.0	7.0	111	129	442	124	0.90	3.56	94	117	0.80
B1112Z	G	+38	6.27	0.38	LST	RSIR	S	●	177.0	7.0	111	129	442	133	0.83	3.31	94	126	0.74
B1112Z	K	+43	6.27	0.38	LST	RSIR	S	●	177.0	7.0	111	129	442	131	0.85	3.36	94	124	0.75
B1113Z	N	+38	6.27	0.38	LST	RSIR	S	●	192.0	7.6	111	129	442	123	0.90	3.58	94	116	0.81
B1116Z	A	+38	8.40	0.51	LST	RSIR	S	●	192.0	7.6	150	175	597	163	0.92	3.66	127	153	0.83
B1116Z	A	+38	8.40	0.51	LST	RSIR - RSCR	S	●	192.0	7.6	150	175	597	163	0.92	3.66	127	153	0.83
B1116Z	G	+38	8.40	0.51	LST	RSIR	S	●	192.0	7.6	150	175	597	166	0.91	3.60	127	156	0.81
B1116Z	K	+43	8.40	0.51	LST	RSIR	S	●	192.0	7.6	150	175	597	165	0.91	3.61	127	156	0.82
B1117Z	N	+38	8.40	0.51	LST	RSIR	S	●	205.0	8.1	150	175	597	154	0.97	3.86	127	145	0.88
B1118Z	A	+38	8.00	0.49	LST	RSIR	S	●	192.0	7.6	172	200	683	164	1.05	4.16	145	155	0.94
B1118Z	A	+38	8.00	0.49	LST	RSIR - RSCR	S	●	192.0	7.6	172	200	683	164	1.05	4.16	145	155	0.94
B1118Z	G	+38	8.00	0.49	LST	RSIR	S	●	192.0	7.6	172	200	683	164	1.05	4.16	145	154	0.94
B1118Z	K	+43	8.00	0.49	LST	RSIR	S	●	192.0	7.6	172	200	683	166	1.04	4.11	145	157	0.93
B1119Z	N	+38	8.00	0.49	LST	RSIR	S	●	205.0	8.1	172	200	683	162	1.06	4.21	145	153	0.95
B2112Z	A	+43	6.27	0.38	HST	CSIR	S	●	177.0	7.0	111	129	442	127	0.88	3.48	94	120	0.78
B2116Z	A	+38	8.40	0.51	HST	RSIR	S	●	192.0	7.6	150	175	597	163	0.92	3.66	127	153	0.83
B2116Z	G	+38	8.40	0.51	HST	CSIR	S	●	192.0	7.6	150	175	597	169	0.89	3.53	127	160	0.80
B2116Z	G	+38	8.40	0.51	HST	CSIR	S	▲	186.0	7.3	150	175	597	169	0.89	3.53	127	160	0.80
B2118Z	A	+38	8.00	0.49	HST	CSIR	S	●	192.0	7.6	172	200	683	164	1.05	4.16	145	155	0.94
B3113Z	N	+38	6.27	0.38	LST	RSIR	OC	●	192.0	7.6	111	129	442	125	0.89	3.52	94	118	0.79
B3116Z	A	+38	8.40	0.51	LST	RSIR	OC	●	192.0	7.6	150	175	597	163	0.92	3.66	127	153	0.83
B3117Z	N	+38	8.40	0.51	LST	RSIR	OC	●	205.0	8.1	150	175	597	156	0.96	3.82	127	147	0.87

1) LST = Low Starting Torque; HST = High Starting Torque  
 2) S = Static Cooling; F = Fan Cooling; OC = Oil Cooling  
 3) Base Plate: ● = European Version; ▲ = USA Version

**REFRIGERANT** **APPLICATION** **FREQUENCY** **Data and Performance**

**R134a** **LBP** **50 Hz**

COMPRESSOR	Supply Code	Max. Ambient Temp. [°C]	Displacement		Starting Torque (1)	Motor	Cooling Type (2)	Max Height (3)	ASHRAE / SUBCOOLED LIQUID CONDITIONS						CECOMAF				
			[cm³]	[cu.in.]					Cooling Capacity			Power input [W]	EER		Cooling Capacity [W]	Power input [W]	COP [W/W]		
									[kcal/h]	[W]	[Btu/h]		[kcal/hW]	[Btu/hW]					
B3118Z	A	+38	8.00	0.49	LST	RSIR	OC	●	192.0	7.6	172	200	683	164	1.05	4.16	145	155	0.94
B3118Z	A	+38	8.00	0.49	LST	RSIR - RSCR	OC	●	192.0	7.6	172	200	683	164	1.05	4.16	145	155	0.94
B3119Z	N	+38	8.00	0.49	LST	RSIR	OC	●	205.0	8.1	172	200	683	160	1.08	4.27	145	151	0.96
BK1086Z	A	+38	5.80	0.35	LST	RSCR PTC	S	●	192.0	7.6	121	140	478	110	1.09	4.33	101	105	0.97
BK1112Z	A	+38	6.27	0.38	LST	RSCR PTC	S	●	192.0	7.6	130	152	517	115	1.13	4.48	110	109	1.00
BK1114Z	A	+38	7.40	0.45	LST	RSCR PTC	S	●	205.0	8.1	131	153	521	135	0.97	3.85	108	127	0.85
BK1116Z	A	+38	8.40	0.51	LST	RSCR PTC	S	●	205.0	8.1	174	203	692	152	1.15	4.54	147	143	1.02
NB1112Z	A	+38	6.27	0.38	LST	RSIR - RSCR	S	●	177.0	7.0	120	139	476	127	0.94	3.74	102	120	0.85
NB1112Z	K	+43	6.27	0.38	LST	RSIR	S	●	187.0	7.4	120	139	476	127	0.94	3.74	102	120	0.85
NB1114Z	A	+38	6.27	0.38	LST	RSIR - RSCR	S	●	187.0	7.4	135	157	536	134	1.01	4.00	115	127	0.90
NB1115Z	A	+38	7.40	0.45	LST	RSIR - RSCR	S	●	187.0	7.4	151	176	601	149	1.01	4.03	128	141	0.91
NB1115Z	K	+43	7.40	0.45	LST	RSIR	S	●	187.0	7.4	151	176	601	151	1.00	3.98	128	144	0.89
NB1116Z	A	+38	8.40	0.51	LST	RSIR - RSCR	S	●	187.0	7.4	157	183	624	164	0.96	3.80	134	155	0.86
NB1118Z	A	+38	8.00	0.49	LST	RSIR - RSCR	S	●	187.0	7.4	175	204	694	165	1.06	4.21	149	155	0.96
NB1118Z	K	+43	8.00	0.49	LST	RSIR	S	●	200.0	7.9	175	204	694	165	1.06	4.21	149	155	0.96
NBM1114Z	A	+38	6.27	0.38	LST	RSIR - RSCR	S	●	200.0	7.9	135	157	535	128	1.05	4.17	114	121	0.95
NBM1115Z	A	+38	7.40	0.45	LST	RSIR - RSCR	S	●	200.0	7.9	151	175	599	141	1.07	4.25	127	133	0.96
NBK1112Z	A	+38	6.27	0.38	LST	RSCR PTC	S	●	187.0	7.4	132	154	524	117	1.13	4.47	112	111	1.01
NBK1114Z	A	+38	7.40	0.45	LST	RSCR PTC	S	●	200.0	7.9	151	176	600	134	1.13	4.48	127	126	1.01
NBK1116Z	A	+38	8.40	0.51	LST	RSCR PTC	S	●	200.0	7.9	175	204	694	152	1.15	4.56	148	144	1.03
E1121Z	A	+38	13.60	0.83	LST	RSIR	F	●	205.0	8.1	226	263	896	229	0.99	3.91	186	212	0.88
E1121Z	G	+38	13.60	0.83	LST	RSIR	F	●	205.0	8.1	226	263	896	225	1.00	3.98	186	207	0.90
E1121Z	K	+43	13.60	0.83	LST	RSIR	F	●	205.0	8.1	226	263	896	212	1.07	4.23	186	193	0.96
E1130Z	A	+38	15.28	0.93	LST	RSIR	F	●	205.0	8.1	283	329	1123	270	1.05	4.16	237	250	0.95
E1130Z	G	+38	15.28	0.93	LST	RSIR	F	●	205.0	8.1	283	329	1123	263	1.08	4.27	237	244	0.97
E1130Z	K	+43	15.28	0.93	LST	RSIR	F	●	205.0	8.1	283	329	1123	264	1.07	4.26	237	242	0.98
E2121Z	A	+38	13.60	0.83	HST	CSIR	F	●	205.0	8.1	226	263	896	229	0.99	3.91	186	212	0.88
E2121Z	G	+38	13.60	0.83	HST	CSIR	F	●	205.0	8.1	226	263	896	225	1.00	3.98	186	207	0.90
E2130Z	A	+43	15.28	0.93	HST	CSIR	F	●	205.0	8.1	283	329	1123	269	1.05	4.17	237	250	0.95
E2130Z	D	+43	15.28	0.93	HST	CSIR	F	●	205.0	8.1	283	329	1123	275	1.03	4.09	237	255	0.93
E2130Z	G	+38	15.28	0.93	HST	CSIR	F	●	205.0	8.1	283	329	1123	263	1.08	4.27	237	243	0.97
E3121Z	A	+38	13.60	0.83	LST	RSIR	OC	●	205.0	8.1	226	263	896	229	0.99	3.91	186	212	0.88
E3121Z	G	+38	13.60	0.83	LST	RSIR	OC	●	205.0	8.1	226	263	896	225	1.00	3.98	186	207	0.90
E3130Z	A	+38	15.28	0.93	LST	RSIR	OC	●	205.0	8.1	283	329	1123	269	1.05	4.17	237	250	0.95
E3130Z	G	+38	15.28	0.93	LST	RSIR	OC	●	205.0	8.1	283	329	1123	263	1.08	4.27	237	243	0.97
E3130Z	K	+43	15.28	0.93	LST	RSIR	OC	●	205.0	8.1	283	329	1123	264	1.07	4.25	237	242	0.98
E4121Z	A	+38	13.60	0.83	HST	CSIR	OC	●	205.0	8.1	226	263	896	229	0.99	3.91	186	212	0.88
E4121Z	G	+38	13.60	0.83	HST	CSIR	OC	●	205.0	8.1	226	263	896	225	1.00	3.98	186	207	0.90
E4130Z	G	+38	15.28	0.93	HST	CSIR	OC	●	205.0	8.1	283	329	1123	263	1.08	4.27	237	244	0.97
T1134Z	G	+38	19.04	1.16	LST	RSIR	F	●	201.0	7.9	341	397	1354	356	0.96	3.81	289	339	0.86
T1134Z	V	+38	19.04	1.16	LST	RSIR	F	●	201.0	7.9	341	397	1354	367	0.93	3.69	289	346	0.84
T1140Z	A	+38	22.40	1.37	LST	RSIR	F	●	221.0	8.7	378	439	1498	367	1.03	4.08	315	340	0.93
T2134Z	D	+43	19.04	1.16	HST	CSIR	F	●	201.0	7.9	341	397	1354	337	1.01	4.02	289	321	0.90
T2134Z	G	+38	19.04	1.16	HST	CSIR	F	●	201.0	7.9	341	397	1354	356	0.96	3.81	289	339	0.86
T2134Z	V	+38	19.04	1.16	HST	CSIR	F	●	201.0	7.9	341	397	1354	367	0.93	3.69	289	346	0.84
T2140Z	A	+43	22.40	1.37	HST	CSIR	F	●	221.0	8.7	378	439	1498	367	1.03	4.08	315	340	0.93
T2140Z	D	+43	22.40	1.37	HST	CSIR	F	●	221.0	8.7	378	439	1498	363	1.04	4.13	315	336	0.94
T3134Z	G	+38	19.04	1.16	LST	RSIR	OC	●	201.0	7.9	341	397	1354	356	0.96	3.81	289	339	0.86
T3134Z	V	+38	19.04	1.16	LST	RSIR	OC	●	201.0	7.9	341	397	1354	367	0.93	3.69	289	346	0.84
T4134Z	G	+38	19.04	1.16	HST	CSIR	OC	●	201.0	7.9	341	397	1354	356	0.96	3.81	289	339	0.86
T4134Z	V	+38	19.04	1.16	HST	CSIR	OC	●	201.0	7.9	341	397	1354	367	0.93	3.69	289	346	0.84
J2152Z	A	+38	27.12	1.65	HST	CSIR	F	●	265.0	10.4	519	603	2058	438	1.18	4.70	422	401	1.05
J2152Z	D	+43	27.12	1.65	HST	CSIR	F	●	265.0	10.4	519	603	2058	482	1.08	4.27	422	438	0.96
J2152Z	G	+38	27.12	1.65	HST	CSR	F	●	265.0	10.4	519	603	2058	438	1.18	4.70	422	398	1.06

1) LST = Low Starting Torque; HST = High Starting Torque

3) Base Plate: ● = European Version; ▲ = USA Version

2) S = Static Cooling; F = Fan Cooling; OC = Oil Cooling

REFRIGERANT	APPLICATION	FREQUENCY	Available Types
R134a	HBP	50 Hz	

COMPRESSOR	BILL OF MATERIALS	SUPPLY												
		A 220 - 240 V 50 Hz 1~	C 220 V 50 Hz 1~	D (208 - 230 V 60 Hz 1~) 200 V 50 Hz 1~	G (115 V 60 Hz 1~) 100 V 50 Hz 1~	J (230 V 60 Hz 1~) 200 V 50 Hz 1~	K 200 - 220 V 50 Hz 1~ (230 V 60 Hz 1~)	L 200 - 240 V 50 Hz 3~ (230 V 60 Hz 3~)	M 380 - 420 V 50 Hz 3~ (440 - 480 V 60 Hz 3~)	N 200 - 240 V 50 Hz 1~ (230 V 60 Hz 1~)	Q 100 V 50(60) Hz 1~	T 220 - 230 V 50 Hz 1~	V 230 V 50 Hz 1~	W 220 V 50(60) Hz ~
BP5125H	221S	■												
BP5128H	221T	■			■						■			
BP5132H	222R	■								■				
BP6125H	221U	■												
BP6128H	221V	■												
BP6132H	222S	■												
B5125Z	240C	■			■									
B5128Z	240D	■			■									
B5132Z	240E	■			■									
B5144Z	241E	■			■					■				
B5160Z	241G	■			■					■				
B5170Z	241L	■		U.D.	■					■				
B6132Z	240F				■									
B6144Z	241F	■			■					■				
B6160Z	241H	■			■					■				
B6170Z	241M	■			■					■				
E5187Z	217Y	■			■					■				
E6170Z	219H				■									
E6187Z	217X	■		■	■					■				
E6210Z	218G	■			■									
T5185Z	232D				■								■	
T5213Z	233C				■							■		
T6185Z	232H				■								■	
T6211Z	233E				■									
T6213Z	233D				■	■					■			
T6215Z	236Z	■	■	■	■					■				
T6217Z	236T	■		■	■									
J6220Z	164H	■		■	■									
J6220ZX	168H							■						
J6226Z	162H	■		■	U.D.									
J6226ZX	168I							■						

U.D. = Under Development

REFRIGERANT	APPLICATION	FREQUENCY	Data and Performance													
<b>R134a</b>	<b>HBP</b>	<b>50 Hz</b>														

COMPRESSOR	Supply Code	Max. Ambient Temp. [°C]	Displacement		Starting Torque (1)	Motor	Cooling Type (2)	Max Height		ASHRAE / SUBCOOLED LIQUID CONDITIONS						CECOMAF			
			[cm³]	[cu.in.]				(3)	[mm]	[in.]	Cooling Capacity			Power input	EER		Cooling Capacity	Power input	COP
										[kcal/h]	[W]	[Btu/h]	[W]	[kcal/hW]	[Btu/hW]	[W]	[W]	[W/W]	
BP5125H	A	+38	3.40	0.21	LST	RSIR	S	●	150.0	5.9	254	295	1007	154	1.65	6.55	243	148	1.64
BP5128H	A	+38	4.15	0.25	LST	RSIR	S	●	150.0	5.9	295	343	1170	188	1.57	6.24	282	179	1.57
BP5128H	G	+38	4.15	0.25	LST	RSIR	S	●	150.0	5.9	295	343	1170	193	1.53	6.07	282	184	1.53
BP5128H	Q	+43	4.15	0.25	LST	RSIR	S	●	150.0	5.9	295	343	1170	230	1.28	5.09	282	220	1.28
BP5132H	A	+38	4.60	0.28	LST	RSIR	S	●	159.0	6.3	333	387	1320	202	1.65	6.54	318	193	1.65
BP5132H	Q	+43	4.60	0.28	LST	RSIR	S	●	159.0	6.3	333	387	1320	212	1.57	6.23	318	203	1.57
BP6125H	A	+38	3.40	0.21	HST	CSIR	S	●	150.0	5.9	254	295	1007	154	1.65	6.55	243	148	1.64
BP6128H	A	+38	4.15	0.25	HST	CSIR	S	●	150.0	5.9	295	343	1170	188	1.57	6.24	282	179	1.57
BP6132H	A	+38	4.60	0.28	HST	CSIR	S	●	159.0	6.3	333	387	1320	202	1.65	6.54	318	193	1.65
B5125Z	A	+38	3.65	0.22	LST	RSIR	S	●	177.0	7.0	250	290	990	155	1.61	6.40	238	149	1.60
B5125Z	G	+38	3.65	0.22	LST	RSIR	S	●	177.0	7.0	250	290	990	158	1.58	6.26	238	151	1.57
B5128Z	A	+38	4.38	0.27	LST	RSIR	S	●	177.0	7.0	301	350	1193	185	1.62	6.45	287	177	1.62
B5128Z	G	+38	4.38	0.27	LST	RSIR	S	●	177.0	7.0	301	350	1193	188	1.60	6.34	287	180	1.59
B5132Z	A	+38	4.85	0.30	LST	RSIR	S	●	177.0	7.0	350	407	1388	201	1.74	6.91	331	192	1.73
B5132Z	G	+38	4.85	0.30	LST	RSIR	S	●	177.0	7.0	350	407	1388	213	1.64	6.51	331	203	1.64
B5144Z	A	+38	5.90	0.36	LST	RSIR	F	●	192.0	7.6	438	509	1738	256	1.71	6.78	420	245	1.71
B5144Z	G	+38	5.90	0.36	LST	RSIR	F	▲	186.0	7.3	438	509	1738	272	1.61	6.38	420	260	1.62
B5144Z	G	+38	5.90	0.36	LST	RSIR	F	●	192.0	7.6	438	509	1738	272	1.61	6.38	420	260	1.62
B5144Z	N	+38	5.90	0.36	LST	RSIR	F	●	192.0	7.6	438	509	1738	257	1.70	6.76	420	245	1.71
B5160Z	A	+38	8.00	0.49	LST	RSIR	F	●	192.0	7.6	628	731	2494	349	1.80	7.15	602	336	1.79
B5160Z	G	+38	8.00	0.49	LST	RSIR	F	▲	186.0	7.3	628	731	2494	358	1.75	6.96	602	341	1.77
B5160Z	G	+38	8.00	0.49	LST	RSIR	F	●	192.0	7.6	628	731	2494	358	1.75	6.96	602	341	1.77
B5160Z	N	+38	8.00	0.49	LST	RSIR	F	●	192.0	7.6	628	731	2494	347	1.81	7.19	602	330	1.82
B5170Z	A	+38	8.85	0.54	LST	RSIR	F	●	192.0	7.6	705	820	2799	372	1.90	7.53	674	358	1.89
B5170Z	D		8.85	0.54	HST	RSIR	F				705	820	2799				674		
B5170Z	G	+38	8.85	0.54	LST	RSIR	F	▲	186.0	7.3	705	820	2799	399	1.77	7.02	674	380	1.77
B5170Z	G	+38	8.85	0.54	LST	RSIR	F	●	192.0	7.6	705	820	2799	399	1.77	7.02	674	380	1.77
B5170Z	N	+38	8.85	0.54	HST	RSIR	F	●	192.0	7.6	705	820	2799	368	1.92	7.61	674	350	1.92
B6132Z	G	+38	4.85	0.30	HST	CSIR	F	●	177.0	7.0	350	407	1388	219	1.60	6.33	331	209	1.58
B6144Z	A	+38	5.90	0.36	HST	CSIR	F	●	192.0	7.6	438	509	1738	256	1.71	6.78	420	245	1.71
B6144Z	G	+38	5.90	0.36	HST	CSIR	F	●	192.0	7.6	438	509	1738	272	1.61	6.40	420	258	1.62
B6144Z	N	+38	5.90	0.36	HST	CSIR	F	●	192.0	7.6	438	509	1738	260	1.68	6.69	420	247	1.70
B6160Z	A	+38	8.00	0.49	HST	CSIR	F	●	192.0	7.6	628	731	2494	349	1.80	7.15	602	336	1.79
B6160Z	G	+38	8.00	0.49	HST	CSIR	F	●	192.0	7.6	628	731	2494	351	1.79	7.11	602	333	1.81
B6160Z	N	+38	8.00	0.49	HST	CSIR	F	●	192.0	7.6	628	731	2494	340	1.85	7.33	602	323	1.86
B6170Z	A	+38	8.85	0.54	HST	CSIR	F	●	192.0	7.6	705	820	2799	371	1.90	7.55	674	357	1.89
B6170Z	G	+38	8.85	0.54	HST	CSIR	F	●	192.0	7.6	705	820	2799	397	1.78	7.05	674	378	1.78
B6170Z	N	+38	8.85	0.54	HST	CSIR	F	●	192.0	7.6	705	820	2799	374	1.89	7.48	674	356	1.89
E5187Z	A	+38	12.00	0.73	LST	RSIR	F	●	205.0	8.1	927	1079	3680	490	1.89	7.52	885	470	1.88
E5187Z	G	+38	12.00	0.73	LST	RSIR	F	▲	200.0	7.9	927	1079	3680	503	1.85	7.32	885	481	1.84
E5187Z	G	+38	12.00	0.73	LST	RSIR	F	●	205.0	8.1	927	1079	3680	503	1.85	7.32	885	481	1.84
E5187Z	N	+38	12.00	0.73	LST	RSIR	F	●	205.0	8.1	927	1079	3680	475	1.95	7.75	885	455	1.95
E6170Z	G	+38	8.85	0.54	HST	CSIR	F	▲	200.0	7.9	708	823	2809	351	2.01	7.99	672	338	1.99
E6187Z	A	+38	12.00	0.73	HST	CSIR	F	●	205.0	8.1	927	1079	3680	490	1.89	7.52	885	470	1.88
E6187Z	D	+43	12.00	0.73	HST	CSIR	F	▲	200.0	7.9	927	1079	3680	508	1.83	7.25	885	487	1.82
E6187Z	G	+38	12.00	0.73	HST	CSIR	F	▲	200.0	7.9	927	1079	3680	503	1.85	7.32	885	481	1.84
E6187Z	G	+38	12.00	0.73	HST	CSIR	F	●	205.0	8.1	927	1079	3680	503	1.85	7.32	885	481	1.84
E6187Z	N	+38	12.00	0.73	HST	CSIR	F	●	205.0	8.1	927	1079	3680	480	1.93	7.67	885	459	1.93
E6210Z	A	+38	13.60	0.83	HST	CSIR	F	●	205.0	8.1	977	1136	3877	545	1.79	7.11	927	518	1.79
E6210Z	G	+38	13.60	0.83	HST	CSIR	F	●	205.0	8.1	977	1136	3877	550	1.78	7.05	927	522	1.78

1) LST - Low Starting Torque; HST - High Starting Torque

2) S = Static Cooling; F = Fan Cooling; OC = Oil Cooling

3) Base Plate: ● = European Version; ▲ = USA Version

REFRIGERANT	APPLICATION	FREQUENCY	Data and Performance																
<b>R134a</b>	<b>HBP</b>	<b>50 Hz</b>																	

COMPRESSOR	Supply Code	Max. Ambient Temp. [°C]	Displacement		Starting Torque (1)	Motor	Cooling Type (2)	Max Height		ASHRAE / SUBCOOLED LIQUID CONDITIONS						CECOMAF		
			[cm <sup>3</sup> ]	[cu.in.]				[mm]	[in.]	Cooling Capacity			Power input [W]	EER		Cooling Capacity [W]	Power input [W]	COP [W/W]
								(3)		[kcal/h]	[W]	[Btu/h]		[kcal/hW]	[Btu/hW]			
T5185Z	G	+38	12.58	0.77	LST	RSIR	F	191.0	7.5	910	1059	3612	516	1.77	7.00	870	486	1.79
T5185Z	V	+38	12.58	0.77	LST	RSIR	F	191.0	7.5	910	1059	3612	507	1.80	7.13	870	484	1.80
T5213Z	G	+38	17.40	1.06	LST	RSIR	F	201.0	7.9	1261	1467	5004	716	1.76	6.99	1202	682	1.76
T5213Z	T	+38	17.40	1.06	LST	RSIR	F	201.0	7.9	1261	1467	5004	673	1.87	7.44	1202	642	1.87
T6185Z	V	+38	12.58	0.77	HST	CSIR	F	191.0	7.5	910	1058	3610	507	1.80	7.12	870	484	1.80
T6211Z	G	+38	14.50	0.88	HST	CSIR	F	201.0	7.9	1035	1204	4107	621	1.67	6.61	980	583	1.68
T6213Z	G	+38	17.40	1.06	HST	CSIR	F	201.0	7.9	1261	1467	5004	716	1.76	6.99	1202	682	1.76
T6213Z	J	+38	17.40	1.06	HST	CSIR	F	201.0	7.9	1261	1467	5004	697	1.81	7.18	1202	659	1.82
T6213Z	N	+38	17.40	1.06	HST	CSIR	F	201.0	7.9	1261	1467	5004	677	1.86	7.39	1202	642	1.87
T6213Z	T	+38	17.40	1.06	HST	CSIR	F	201.0	7.9	1261	1467	5004	673	1.87	7.44	1202	642	1.87
T6215Z	A	+38	20.40	1.24	HST	CSIR	F	221.0	8.7	1529	1778	6068	807	1.89	7.52	1454	768	1.89
T6215Z	C	+38	20.40	1.24	HST	CSIR	F	221.0	8.7	1529	1778	6068	815	1.88	7.45	1454	776	1.87
T6215Z	D	+43	20.40	1.24	HST	CSIR	F	221.0	8.7	1529	1778	6068	809	1.89	7.50	1454	773	1.88
T6215Z	G	+38	20.40	1.24	HST	CSIR	F	221.0	8.7	1529	1778	6068	832	1.84	7.29	1454	794	1.83
T6215Z	N	+38	20.40	1.24	HST	CSIR	F	221.0	8.7	1529	1778	6068	1018	1.50	5.96	1454	972	1.50
T6217Z	A	+32	22.40	1.37	HST	CSIR	F	221.0	8.7	1645	1913	6528	867	1.90	7.53	1559	823	1.89
T6217Z	D	+43	22.40	1.37	HST	CSIR	F	221.0	8.7	1645	1913	6528	962	1.71	6.78	1559	939	1.66
T6217Z	G	+38	22.30	1.36	HST	CSIR	F	221.0	8.7	1645	1913	6528	900	1.83	7.26	1559	877	1.78
J6220Z	A	+38	26.20	1.60	HST	CSIR	F	265.0	10.4	2190	2547	8691	978	2.24	8.88	2097	939	2.23
J6220Z	D	+43	26.20	1.60	HST	CSIR	F	265.0	10.4	2190	2547	8691	1045	2.10	8.32	2097	1002	2.09
J6220Z	G	+38	26.20	1.60	HST	CSIR	F	265.0	10.4	2190	2547	8691	1070	2.05	8.12	2097	1025	2.05
J6220ZX	M	+38	26.20	1.60	HST	3PHASE	F	265.0	10.4	2190	2547	8691	875	2.50	9.94	2097	838	2.50
J6226Z	A	+38	34.37	2.10	HST	CSR	F	253.0	10.0	2559	2976	10155	1232	2.08	8.24	2459	1182	2.08
J6226Z	D	+43	34.37	2.10	HST	CSR	F	253.0	10.0	2559	2976	10155	1307	1.96	7.77	2459	1247	1.97
J6226Z	G	+38	34.37	2.10	HST	CSR	F			2559	2976	10155				2459		
J6226ZX	M	+38	34.37	2.10	HST	3PHASE	F	265.0	10.4	2559	2976	10155	1190	2.15	8.53	2459	1142	2.15

1) LST = Low Starting Torque; HST = High Starting Torque  
 2) S = Static Cooling; F = Fan Cooling; OC = Oil Cooling

3) Base Plate: ● = European Version; ▲ = USA Version

REFRIGERANT	APPLICATION	FREQUENCY	Available Types
R22	LBP	50 Hz	

COMPRESSOR	BILL OF MATERIALS	SUPPLY												
		A 220 - 240 V 50 Hz 1~	C 220 V 50 Hz 1~	D (208 - 230 V 60 Hz 1~) 200 V 50 Hz 1~	G (115 V 60 Hz 1~) 100 V 50 Hz 1~	J (230 V 60 Hz 1~) 200 V 50 Hz 1~	K 200 - 220 V 50 Hz 1~ (230 V 60 Hz 1~)	L 200 - 240 V 50 Hz 3~ (230 V 60 Hz 3~)	M 380 - 420 V 50 Hz 3~ (440 - 480 V 60 Hz 3~)	N 200 - 240 V 50 Hz 1~ (230 V 60 Hz 1~)	Q 100 V 50/(60) Hz 1~	T 220 - 230 V 50 Hz 1~	V 230 V 50 Hz 1~	W 220 V 50/(60) Hz ~
E2125E	217Q	■			■									
E2134E	218F	■		U.D.	■									
T2134E	107C	■												
T2140E	106A	■		■										
T2155E	106B	■		■										
T2168E	106U	■		■										
J2178E	163R			■										
J2178E	164G	■												
J2190E	163N												■	

U.D. = Under Development

REFRIGERANT	APPLICATION	FREQUENCY	Data and Performance									
<b>R22</b>	<b>LBP</b>	<b>50 Hz</b>										

COMPRESSOR	Supply Code	Max. Ambient Temp. [°C]	Displacement		Starting Torque (1)	Motor	Cooling Type (2)	Max Height (3)		ASHRAE / SUBCOOLED LIQUID CONDITIONS						CECOMAF			
			[cm <sup>3</sup> ]	[cu.in.]				[mm]	[in.]	Cooling Capacity			Power input	EER		Cooling Capacity	Power input	COP	
								[kcal/h]	[W]	[Btu/h]	[W]	[kcal/hW]	[Btu/hW]	[W]	[W]	[W/W]			
E2125E	A	+32	8.90	0.54	HST	CSIR	F	●	205.0	8.1	243	283	966	265	0.92	3.64	207	247	0.84
E2125E	G	+32	8.90	0.54	HST	CSIR	F	●	205.0	8.1	243	283	966	298	0.82	3.25	207	281	0.74
E2134E	A	+32	12.00	0.73	HST	CSIR	F	●	205.0	8.1	338	393	1339	365	0.92	3.66	290	344	0.84
E2134E	D		12.00	0.73	HST	CSIR	F				338	393	1339				290		
E2134E	G	+32	12.00	0.73	HST	CSIR	F	●	205.0	8.1	338	393	1339	370	0.91	3.62	290	347	0.84
T2134E	A	+32	12.58	0.77	HST	CSIR	F		221.0	8.7	340	395	1349	396	0.86	3.40	293	375	0.78
T2140E-	A	+32	14.50	0.88	HST	CSIR	F		221.0	8.7	428	497	1697	420	1.02	4.04	371	396	0.94
T2140E-	D	+32	14.50	0.88	HST	CSIR	F		221.0	8.7	428	497	1697	494	0.87	3.43	371	471	0.79
T2155E	A	+32	17.40	1.06	HST	CSR	F		221.0	8.7	516	600	2048	484	1.07	4.23	446	459	0.97
T2155E	D	+32	17.40	1.06	HST	CSR	F		221.0	8.7	516	600	2048	481	1.07	4.25	446	452	0.99
T2168E	A	+32	20.40	1.24	HST	CSR	F		221.0	8.7	654	761	2597	585	1.12	4.44	561	553	1.01
T2168E	D	+32	20.40	1.24	HST	CSR	F		221.0	8.7	654	761	2597	646	1.01	4.02	561	606	0.93
J2178E	A	+32	23.50	1.43	HST	CSR	F		265.0	10.4	786	914	3119	729	1.08	4.28	684	692	0.99
J2178E	D	+32	23.50	1.43	HST	CSR	F		277.0	10.9	786	914	3119	711	1.11	4.38	684	675	1.01
J2190E	V	+32	27.12	1.65	HST	CSR	F		277.0	10.9	914	1063	3627	819	1.12	4.43	795	778	1.02

1) LST = Low Starting Torque; HST = High Starting Torque

2) S = Static Cooling; F = Fan Cooling; OC = Oil Cooling

3) Base Plate: ● = European Version; ▲ = USA Version

REFRIGERANT	APPLICATION	FREQUENCY	Available Types
<b>R22</b>	<b>MBP</b>	<b>50 Hz</b>	

COMPRESSOR	BILL OF MATERIALS	SUPPLY												
		A 220 - 240 V 50 Hz 1~	C 220 V 50 Hz 1~	D (208 - 230 V 60 Hz 1~) 200 V 50 Hz 1~	G (115 V 60 Hz 1~) 100 V 50 Hz 1~	J (230 V 60 Hz 1~) 200 V 50 Hz 1~	K 200 - 220 V 50 Hz 1~ (230 V 60 Hz 1~)	L 200 - 240 V 50 Hz 3~ (230 V 60 Hz 3~)	M 380 - 420 V 50 Hz 3~ (440 - 480 V 60 Hz 3~)	N 200 - 240 V 50 Hz 1~ (230 V 60 Hz 1~)	O 100 V 50/(60) Hz 1~	T 220 - 230 V 50 Hz 1~	V 230 V 50 Hz 1~	W 220 V 50/(60) Hz ~
B5165E	249B	■			■									
B5181E	249G	■			■									
B6144E	249A	■		■										
B6152E	247W	■			■									
B6165E	249C	■		■										
B6181E	249D	■		■										
E5195E	217M				■									
E5210E	219F				■									
E6195E	217U				■									
E6210E	217R	■		■	■									
E9213E	216L	■		■	■									
T6217E	106T	■		U.D.										
T6217E-	106R				■									
T6220E	106S	■		■	U.D.									
T6222E	906V			U.D.	U.D.									
J9226E	164I												■	
J9226P	168M							■						
J9232E	163M							■					■	
J9232P	167H							■						
J9238E	163Q							■					■	
J9238P	167L							■						

U.D. = Under Development

**REFRIGERANT R22 APPLICATION MBP FREQUENCY 50 Hz** Data and Performance

COMPRESSOR	Supply Code	Max. Ambient Temp. [°C]	Displacement		Starting Torque (1)	Motor	Cooling Type (2)	Max Height		ASHRAE / SUBCOOLED LIQUID CONDITIONS						CECOMAF			
			[cm³]	[cu.in.]				(3)	[mm]	[in.]	Cooling Capacity			Power input [W]	EER		Cooling Capacity [W]	Power input [W]	COP [W/W]
											[kcal/h]	[W]	[Btu/h]		[kcal/hW]	[Btu/hW]			
B5165E	A	+38	6.00	0.37	LST	RSIR	F	●	192.0	7.6	684	796	2716	447	1.53	6.08	675	435	1.55
B5165E	G	+38	6.00	0.37	LST	RSIR	F	▲	186.0	7.3	684	796	2716	456	1.50	5.96	675	441	1.53
B5165E	G	+38	6.00	0.37	LST	RSIR	F	●	192.0	7.6	684	796	2716	456	1.50	5.96	675	441	1.53
B5181E	A	+32	7.40	0.45	LST	RSIR	F	●	192.0	7.6	829	964	3289	495	1.67	6.64	823	479	1.72
B5181E	G	+32	7.40	0.45	LST	RSIR	F	●	192.0	7.6	829	964	3289	544	1.52	6.05	823	521	1.58
B6144E	A	+38	4.38	0.27	HST	CSIR	F	●	192.0	7.6	472	549	1873	304	1.55	6.15	468	293	1.60
B6144E	D	+38	4.38	0.27	HST	CSIR	F	●	192.0	7.6	472	549	1873	306	1.54	6.11	468	296	1.58
B6152E	A	+38	4.85	0.30	HST	CSIR	F	●	192.0	7.6	537	625	2131	334	1.61	6.38	529	324	1.63
B6152E	G	+38	4.85	0.30	HST	CSIR	F	●	192.0	7.6	537	625	2131	332	1.62	6.42	529	320	1.65
B6165E	A	+38	6.00	0.37	HST	CSIR	F	●	192.0	7.6	684	796	2716	447	1.53	6.08	675	435	1.55
B6165E	D	+38	6.00	0.37	HST	CSIR	F	●	192.0	7.6	684	796	2716	450	1.52	6.03	675	432	1.56
B6181E	A	+32	7.40	0.45	HST	CSIR	F	●	192.0	7.6	829	964	3289	495	1.67	6.64	823	479	1.72
B6181E	D	+32	7.40	0.45	HST	CSIR	F	●	192.0	7.6	829	964	3289	527	1.57	6.24	823	488	1.69
E5195E	G	+38	8.00	0.49	LST	RSIR	F	▲	200.0	7.9	904	1051	3586	497	1.82	7.21	883	483	1.83
E5210E	G	+38	8.90	0.54	LST	RSIR	F	●	205.0	8.1	989	1150	3925	558	1.77	7.04	965	538	1.79
E6195E	G	+38	8.00	0.49	HST	CSIR	F	●	205.0	8.1	904	1051	3586	497	1.82	7.21	883	482	1.83
E6210E	A	+38	8.90	0.54	HST	CSIR	F	●	205.0	8.1	941	1094	3734	546	1.72	6.83	924	531	1.74
E6210E	D	+38	8.90	0.54	HST	CSIR	F	●	205.0	8.1	941	1094	3734	579	1.63	6.45	924	558	1.65
E6210E	G	+38	8.90	0.54	HST	CSIR	F	●	205.0	8.1	941	1094	3734	558	1.69	6.69	924	538	1.72
E9213E	A	+38	12.00	0.73	HST	CSR	F	●	218.0	8.6	1359	1580	5391	671	2.02	8.03	1332	650	2.05
E9213E	D	+38	12.00	0.73	HST	CSR	F	●	218.0	8.6	1359	1580	5391	709	1.92	7.61	1332	683	1.95
E9213E	G	+38	12.00	0.73	HST	CSR	F	●	218.0	8.6	1359	1580	5391	712	1.91	7.57	1332	687	1.94
T6217E	A	+38	14.50	0.88	HST	CSR	F		221.0	8.7	1625	1890	6449	714	2.28	9.04	1590	690	2.30
T6217E	D		14.50	0.88	HST	CSR	F				1625	1890	6449				1590		
T6217E	G	+38	14.50	0.88	HST	CSIR	F		221.0	8.7	1625	1890	6449	908	1.79	7.10	1590	877	1.81
T6220E	A	+38	17.40	1.06	HST	CSR	F		221.0	8.7	1938	2254	7691	846	2.29	9.09	1900	818	2.32
T6220E	D	+38	17.40	1.06	HST	CSR	F		221.0	8.7	1938	2254	7691	1003	1.93	7.67	1900	968	1.96
T6220E	G		17.40	1.06	HST	CSR	F				1938	2254	7691				1900		
T6222E	D		20.40	1.24	HST	CSR	F				2365	2750	9384				2271		
T6222E	G		20.40	1.24	HST	CSR	F				2365	2750	9384				2271		
J9226E	V	+38	21.70	1.32	HST	CSR	F		265.0	10.4	2601	3025	10322	1124	2.31	9.18	2548	1093	2.33
J9226P	M	+38	21.70	1.32	HST	3PHASE	F		265.0	10.4	2602	3026	10324	1134	2.29	9.10	2549	1103	2.31
J9232E	V	+38	26.20	1.60	HST	CSR	F		277.0	10.9	3113	3620	12352	1384	2.25	8.92	3048	1344	2.27
J9232P	M	+38	26.20	1.60	HST	3PHASE	F		277.0	10.9	3113	3620	12352	1371	2.27	9.01	3048	1333	2.29
J9238E	V	+38	32.70	2.00	HST	CSR	F		277.0	10.9	3850	4478	15277	1856	2.07	8.23	3801	1800	2.11
J9238P	M	+38	32.70	2.00	HST	3PHASE	F		277.0	10.9	3850	4478	15277	1856	2.07	8.23	3801	1800	2.11

1) LST = Low Starting Torque; HST = High Starting Torque

2) S = Static Cooling; F = Fan Cooling; OC = Oil Cooling

3) Base Plate: ● = European Version; ▲ = USA Version



REFRIGERANT	APPLICATION	FREQUENCY	Data and Performance																
<b>R22</b>	<b>AC</b>	<b>50 Hz</b>																	

COMPRESSOR	Supply Code	Max. Ambient Temp. [°C]	Displacement		Starting Torque (1)	Motor	Cooling Type (2)	Max Height (3)	ASHRAE / SUBCOOLED LIQUID CONDITIONS						CECOMAF				
			[cm³]	[cu.in.]					Cooling Capacity			Power input	EER		Cooling Capacity [W]	Power input [W]	COP [W/W]		
			[mm]	[in.]					[kcal/h]	[W]	[Btu/h]	[W]	[kcal/hW]	[Btu/hW]					
E7211E	G	+43	10.10	0.62	LST	PSC	F	●	218.0	8.6	1207	1403	4788	602	2.00	7.95	1176	584	2.01
E7213E	G	+43	12.00	0.73	LST	PSC	F	●	218.0	8.6	1371	1595	5442	693	1.98	7.85	1323	667	1.98
E7213F	A	+43	12.00	0.73	LST	PSC	F	●	218.0	8.6	1371	1595	5442	727	1.89	7.49	1323	708	1.87
E7215F	A	+43	13.25	0.81	LST	PSC	F	●	218.0	8.6	1443	1679	5727	754	1.91	7.60	1403	729	1.92
E7215G	A	+43	13.54	0.81	LST	PSC	F	●	218.0	8.6	1473	1708	5843	754	1.95	7.75	1432	729	1.96
E7215G	D	+43	13.54	0.81	LST	PSC	F	●	218.0	8.6	1473	1708	5843	760	1.94	7.69	1432	735	1.95
E7215G	G	+43	13.54	0.81	LST	PSC	F	●	218.0	8.6	1473	1708	5843	765	1.93	7.64	1432	740	1.94
T7216F	A	+43	14.50	0.88	LST	PSC	F		221.0	8.7	1577	1834	6257	860	1.83	7.28	1549	834	1.86
T7220F	A	+43	17.40	1.06	LST	PSC	F		221.0	8.7	1938	2254	7691	1033	1.88	7.45	1900	1003	1.89
T7220G	G	+43	17.40	1.06	LST	PSC	F		221.0	8.7	1938	2254	7691	966	2.01	7.96	1900	932	2.04
T7223F	A	+43	20.40	1.24	LST	PSC	F		221.0	8.7	2309	2685	9160	1297	1.78	7.06	2244	1247	1.80
T7223G	D	+43	20.40	1.24	LST	PSC	F		221.0	8.7	2309	2685	9160	1106	2.09	8.28	2244	1069	2.10
T7223G	G	+43	20.40	1.24	LST	PSC	F		221.0	8.7	2308	2685	9160	1109	2.08	8.26	2270	1078	2.11
J7225E	J	+43	21.70	1.32	LST	PSC	F		253.0	10.0	2481	2886	9846	1225	2.03	8.04	2381	1182	2.01
J7225F	A	+43	21.70	1.32	LST	PSC	F		253.0	10.0	2481	2886	9846	1132	2.19	8.70	2381	1099	2.17
J7225F	D	+43	21.70	1.32	LST	PSC	F		253.0	10.0	2481	2886	9846	1244	1.99	7.91	2381	1200	1.98
J7225P	M	+43	21.70	1.32	HST	3PHASE	F		253.0	10.0	2481	2886	9846	1100	2.26	8.95	2381	1055	2.26
J7228E	J	+43	23.80	1.45	LST	PSC	F		253.0	10.0	2867	3334	11377	1361	2.11	8.36	2753	1314	2.10
J7228F	A	+43	23.80	1.45	LST	PSC	F		253.0	10.0	2867	3334	11377	1321	2.17	8.61	2753	1286	2.14
J7228P	M	+43	23.80	1.45	HST	3PHASE	F		253.0	10.0	2867	3334	11377	1238	2.32	9.19	2753	1202	2.29
J7231E	J	+43	26.20	1.60	LST	PSC	F		265.0	10.4	3100	3606	12302	1502	2.06	8.19	3050	1452	2.10
J7231F	A	+43	26.20	1.60	LST	PSC	F		265.0	10.4	3100	3606	12302	1460	2.12	8.43	3050	1425	2.14
J7231F	D	+43	26.20	1.60	LST	PSC	F		265.0	10.4	3100	3606	12302	1499	2.07	8.21	3050	1451	2.10
J7231P	M	+43	26.20	1.60	HST	3PHASE	F		265.0	10.4	3100	3606	12302	1335	2.32	9.22	3050	1290	2.36
J7238E	A	+43	32.65	1.99	LST	PSC	F		277.0	10.9	3807	4428	15107	1959	1.94	7.71	3724	1902	1.96
J7238E	J	+43	32.65	1.99	LST	PSC	F		277.0	10.9	3807	4428	15107	2015	1.89	7.50	3724	1923	1.94
J7238P	M	+43	32.65	1.99	HST	3PHASE	F		277.0	10.9	3807	4428	15107	1844	2.06	8.19	3724	1785	2.09
J7240E	J	+43	34.37	2.10	LST	PSC	F		277.0	10.9	4171	4851	16551	2135	1.95	7.75	4088	2077	1.97
J7240F	A	+43	34.37	2.10	LST	PSC	F		277.0	10.9	4171	4851	16551	2048	2.04	8.08	4088	1985	2.06
J7240F	D	+43	34.37	2.10	LST	PSC	F		277.0	10.9	4171	4851	16551	2223	1.88	7.45	4088	2138	1.91
J7240P	M	+43	34.37	2.10	HST	3PHASE	F		277.0	10.9	4171	4851	16551	2018	2.07	8.20	4088	1955	2.09

1) LST = Low Starting Torque; HST = High Starting Torque  
 2) S = Static Cooling; F = Fan Cooling; OC = Oil Cooling

3) Base Plate: ● = European Version; ▲ = USA Version



REFRIGERANT	APPLICATION	FREQUENCY	Data and Performance														
<b>R404A</b>	<b>LBP</b>	<b>50 Hz</b>															

COMPRESSOR	Supply Code	Max. Ambient Temp. [°C]	Displacement		Starting Torque (1)	Motor	Cooling Type (2)	Max Height			ASHRAE / SUBCOOLED LIQUID CONDITIONS						CECOMAF		
			[cm³]	[cu.in.]				(3)	[mm]	[in.]	Cooling Capacity			Power input	EER		Cooling Capacity	Power input	COP
									[kcal/h]	[W]	[Btu/h]	[W]	[kcal/hW]	[Btu/hW]	[W]	[W]	[W/W]		
B1112GK	N	+38	3.65	0.22	LST	RSIR	F	●	192.0	7.6	116	134	459	140	0.82	3.27	90	134	0.68
B1117GK	N	+38	4.38	0.27	LST	RSIR	F	●	192.0	7.6	156	182	619	175	0.89	3.55	124	166	0.75
B1121GK	N	+38	6.00	0.37	LST	RSIR	F	●	192.0	7.6	234	273	930	251	0.93	3.71	186	239	0.78
B2112GK	G	+38	3.67	0.22	HST	CSIR	F	▲	186.0	7.3	116	134	459	138	0.84	3.33	90	132	0.69
B2112GK	N	+38	3.65	0.22	HST	CSIR	F	●	192.0	7.6	116	134	459	140	0.82	3.27	90	134	0.68
B2117GK	N	+38	4.38	0.27	HST	CSIR	F	●	192.0	7.6	156	182	619	175	0.89	3.55	124	166	0.75
B2121GK	N	+38	6.00	0.37	HST	CSIR	F	●	192.0	7.6	234	273	930	251	0.93	3.71	186	239	0.78
E2125GK	A	+38	8.90	0.54	HST	CSIR	F	●	205.0	8.1	271	315	1073	302	0.89	3.55	205	284	0.72
E2125GK	D	+38	8.90	0.54	HST	CSIR	F	▲	200.0	7.9	271	315	1073	291	0.93	3.69	205	273	0.75
E2125GK	G	+38	8.90	0.54	HST	CSIR	F	●	205.0	8.1	271	315	1073	302	0.89	3.55	205	284	0.72
E2134GK	A	+38	12.00	0.73	HST	CSIR	F	●	218.0	8.6	413	481	1640	414	1.00	3.96	319	385	0.83
E2134GK	D	+38	12.00	0.73	HST	CSIR	F	▲	212.0	8.3	413	481	1640	410	1.01	4.00	319	383	0.83
E2134GK	G	+38	12.00	0.73	HST	CSIR	F	●	218.0	8.6	413	481	1640	424	0.97	3.87	319	396	0.81
T2140GK	A	+38	12.58	0.77	HST	CSIR	F		201.0	7.9	397	462	1576	426	0.93	3.70	308	401	0.77
T2140GK	G	+38	12.58	0.77	HST	CSIR	F		201.0	7.9	397	462	1576	426	0.93	3.70	308	401	0.77
T2155GK	A	+38	14.50	0.88	HST	CSR	F		221.0	8.7	505	587	2003	458	1.10	4.38	393	430	0.91
T2155GK	D	+38	14.50	0.88	HST	CSR	F		221.0	8.7	505	587	2003	459	1.10	4.37	393	429	0.92
T2155GK-	A	+38	14.50	0.88	HST	CSIR	F		221.0	8.7	505	587	2003	495	1.02	4.05	393	464	0.85
T2155GK-	D	+38	14.50	0.88	HST	CSIR	F		221.0	8.7	505	587	2003	476	1.06	4.21	393	443	0.89
T2155GK-	G	+38	14.50	0.88	HST	CSIR	F		221.0	8.7	505	587	2003	531	0.95	3.77	393	498	0.79
T2168GK	A	+38	17.40	1.06	HST	CSR	F		221.0	8.7	648	753	2571	547	1.19	4.70	509	515	0.99
T2168GK	D	+38	17.40	1.06	HST	CSR	F		221.0	8.7	648	753	2571	555	1.17	4.63	509	518	0.98
T2168GK-	A	+38	17.40	1.06	HST	CSIR	F		221.0	8.7	648	753	2571	617	1.05	4.17	509	581	0.87
T2168GK-	G	+38	17.40	1.06	HST	CSIR	F		221.0	8.7	648	753	2571	652	0.99	3.94	509	613	0.83
T2178GK	A	+38	20.40	1.24	HST	CSR	F		221.0	8.7	784	912	3112	678	1.16	4.59	620	640	0.97
T2178GK	D	+38	20.40	1.24	HST	CSR	F		221.0	8.7	784	912	3112	762	1.03	4.09	620	720	0.86
T2178GK	G	+38	20.40	1.24	HST	CSR	F		221.0	8.7	784	912	3112	697	1.13	4.47	620	659	0.94
T2178GK-	A	+38	20.40	1.24	HST	CSIR	F		221.0	8.7	784	912	3112	758	1.04	4.11	620	715	0.87
T2180GK	A	+32	22.40	1.37	HST	CSR	F		221.0	8.7	829	964	3290	841	0.99	3.91	655	794	0.83
T2180GK	D	+32	22.40	1.37	HST	CSR	F		221.0	8.7	829	964	3290	843	0.98	3.90	655	796	0.82
T2180GK	G	+32	22.40	1.37	HST	CSR	F		221.0	8.7	829	964	3290	872	0.95	3.77	655	823	0.80
J2192GK	A	+32	26.20	1.60	HST	CSR	F		265.0	10.4	970	1128	3848	854	1.13	4.50	766	810	0.95
J2192GK	D	+32	26.20	1.60	HST	CSR	F		277.0	10.9	970	1128	3848	864	1.12	4.45	766	807	0.95
J2192GS	M	+38	26.20	1.60	HST	3PHASE	F		265.0	10.4	970	1128	3848	913	1.06	4.21	766	862	0.89
J2212GK	A	+32	34.37	2.10	HST	CSR	F		277.0	10.9	1273	1481	5053	1097	1.16	4.61	1000	1031	0.97
J2212GK	D	+32	34.37	2.10	HST	CSR	F		277.0	10.9	1273	1481	5053	986	1.29	5.12	1000	912	1.10
J2212GS	M	+38	34.37	2.10	HST	3PHASE	F		277.0	10.9	1273	1481	5053	1139	1.12	4.44	1000	1131	0.88

1) LST = Low Starting Torque; HST = High Starting Torque

2) S = Static Cooling; F = Fan Cooling; OC = Oil Cooling

3) Base Plate: ● = European Version; ▲ = USA Version

REFRIGERANT	APPLICATION	FREQUENCY	
<b>R404A</b>	<b>MBP</b>	<b>50 Hz</b>	Available Types (suitable for R407C HBP)

COMPRESSOR	BILL OF MATERIALS	SUPPLY												
		A 220 - 240 V 50 Hz 1~	G 220 V 50 Hz 1~	D (208 - 230 V 60 Hz 1~) 200 V 50 Hz 1~	G (115 V 60 Hz 1~) 100 V 50 Hz 1~	J (230 V 60 Hz 1~) 200 V 50 Hz 1~	K 200 - 220 V 50 Hz 1~ (230 V 60 Hz 1~)	L 200 - 240 V 50 Hz 3~ (230 V 60 Hz 3~)	M 380 - 420 V 50 Hz 3~ (440 - 480 V 60 Hz 3~)	N 200 - 240 V 50 Hz 1~ (230 V 60 Hz 1~)	Q 100 V 50/(60) Hz 1~	T 220 - 230 V 50 Hz 1~	V 230 V 50 Hz 1~	W 220 V 50/(60) Hz ~
B5165GK	949M	■			■									
B5181GK	949N				■					■				
B6144GK	949A	■			■									
B6152GK	949B	■			■									
B6165GK	949C	■			■									
B6181GK	949D	■			■					■				
E5195GK	917N				■									
E5210GK	917L				■									
E6195GK	917V				■									
E6210GK	917S	■		■	■									
E6211GK		U.D.												
E9213GK	916M	■		■	■									
T6217GK	901A	■		■	■									
T6220GK	901B	■		■	■									
T6222GK	906V			■	■									
J9226GK	964L			■									■	
J9226GS	968L								■					
J9228GS	968N								■					
J9232GK	963N	■		■									■	
J9232GS	967N								■					
J9238GK	963R												■	
J9238GS	967R								■					

U.D. = Under Development

**REFRIGERANT**    **APPLICATION**    **FREQUENCY**    **Data and Performance**

**R404A**    **MBP**    **50 Hz**

COMPRESSOR	Supply Code	Max. Ambient Temp. [°C]	Displacement		Starting Torque (1)	Motor	Cooling Type (2)	Max Height		ASHRAE / SUBCOOLED LIQUID CONDITIONS						CECOMAF			
			[cm³]	[cu.in.]				(3)	[mm]	[in.]	Cooling Capacity			Power input [W]	EER		Cooling Capacity [W]	Power input [W]	COP [W/W]
											[kcal/h]	[W]	[Btu/h]		[kcal/hW]	[Btu/hW]			
B5165GK	A	+38	6.00	0.37	LST	RSIR	F	●	192.0	7.6	686	797	2721	510	1.34	5.33	639	492	1.30
B5165GK	G	+38	6.00	0.37	LST	RSIR	F	●	192.0	7.6	686	797	2721	561	1.22	4.85	639	540	1.18
B5181GK	G	+38	7.40	0.45	LST	RSIR	F	●	192.0	7.6	863	1004	3425	663	1.30	5.17	807	639	1.26
B5181GK	N	+38	7.38	0.45	LST	RSIR	F	●	192.0	7.6	863	1004	3425	568	1.52	6.03	807	548	1.47
B6144GK	A	+38	4.38	0.27	HST	CSIR	F	●	192.0	7.6	501	583	1989	331	1.52	6.01	469	320	1.47
B6144GK	G	+38	4.39	0.27	HST	CSIR	F	▲	186.0	7.3	501	583	1989	350	1.43	5.68	469	339	1.38
B6144GK	G	+38	4.39	0.27	HST	CSIR	F	●	192.0	7.6	501	583	1989	350	1.43	5.68	469	339	1.38
B6152GK	A	+38	4.85	0.30	HST	CSIR	F	●	192.0	7.6	591	687	2345	379	1.56	6.19	552	366	1.51
B6152GK	G	+38	4.85	0.30	HST	CSIR	F	●	192.0	7.6	583	678	2315	401	1.46	5.77	548	385	1.42
B6165GK	A	+38	6.00	0.37	HST	CSIR	F	●	192.0	7.6	686	797	2721	510	1.34	5.33	639	492	1.30
B6165GK	G	+38	6.06	0.37	HST	CSIR	F	▲	186.0	7.3	686	797	2721	538	1.27	5.05	639	519	1.23
B6165GK	G	+38	6.06	0.37	HST	CSIR	F	●	192.0	7.6	686	797	2721	538	1.27	5.05	639	519	1.23
B6181GK	A	+38	7.40	0.45	HST	CSIR	F	●	192.0	7.6	863	1004	3425	568	1.52	6.03	807	548	1.47
B6181GK	G	+38	7.40	0.45	HST	CSIR	F	●	192.0	7.6	863	1004	3425	663	1.30	5.17	807	639	1.26
B6181GK	N	+38	7.38	0.45	HST	CSIR	F	●	192.0	7.6	863	1004	3425	572	1.51	5.99	807	551	1.46
E5195GK	G	+38	8.00	0.49	LST	RSIR	F	▲	200.0	7.9	989	1151	3926	586	1.69	6.70	922	568	1.62
E5210GK	G	+38	8.90	0.54	LST	RSIR	F	▲	200.0	7.9	1062	1235	4213	655	1.62	6.44	988	634	1.56
E6195GK	G	+38	8.00	0.49	HST	CSIR	F	▲	200.0	7.9	989	1151	3926	586	1.69	6.70	922	568	1.62
E6210GK	A	+38	8.90	0.54	HST	CSIR	F	●	205.0	8.1	1062	1235	4213	616	1.72	6.84	988	596	1.66
E6210GK	A	+38	8.90	0.54	HST	CSIR	F	▲	200.0	7.9	1062	1235	4213	616	1.72	6.84	988	596	1.66
E6210GK	D	+38	8.90	0.54	HST	CSIR	F	●	205.0	8.1	1062	1235	4213	607	1.75	6.94	988	587	1.68
E6210GK	G	+38	8.90	0.54	HST	CSIR	F	▲	200.0	7.9	1062	1235	4213	619	1.72	6.81	988	598	1.65
E6210GK	G	+38	8.90	0.54	HST	CSIR	F	●	205.0	8.1	1062	1235	4213	619	1.72	6.81	988	598	1.65
E6211GK	A		10.10	0.62	HST	CSIR	F				1205	1401	4781				1117		
E9213GK	A	+38	12.00	0.73	HST	CSR	F	▲	212.0	8.3	1469	1708	5829	740	1.99	7.88	1370	715	1.92
E9213GK	A	+38	12.00	0.73	HST	CSR	F	●	218.0	8.6	1469	1708	5829	740	1.99	7.88	1370	715	1.92
E9213GK	D	+38	12.00	0.73	HST	CSR	F	▲	212.0	8.3	1469	1708	5829	821	1.79	7.10	1370	793	1.73
E9213GK	D	+38	12.00	0.73	HST	CSR	F	●	218.0	8.6	1469	1708	5829	821	1.79	7.10	1370	793	1.73
E9213GK	G	+38	12.00	0.73	HST	CSR	F	▲	212.0	8.3	1469	1708	5829	740	1.99	7.88	1370	715	1.92
E9213GK	G	+38	12.00	0.73	HST	CSR	F	●	218.0	8.6	1469	1708	5829	740	1.99	7.88	1370	715	1.92
T6217GK	A	+38	14.50	0.88	HST	CSIR	F		221.0	8.7	1710	1989	6785	1010	1.69	6.72	1595	978	1.63
T6217GK	D	+38	14.51	0.89	HST	CSIR	F		221.0	8.7	1710	1989	6785	1084	1.58	6.26	1595	1050	1.52
T6217GK	G	+38	14.51	0.89	HST	CSIR	F		221.0	8.7	1710	1989	6785	1068	1.60	6.35	1595	1035	1.54
T6220GK	A	+38	17.40	1.06	HST	CSR	F		221.0	8.7	2069	2406	8209	1104	1.87	7.43	1927	1074	1.79
T6220GK	D	+38	17.40	1.06	HST	CSR	F		221.0	8.7	2069	2406	8209	1134	1.82	7.24	1927	1087	1.77
T6220GK	G	+38	17.40	1.06	HST	CSR	F		221.0	8.7	2069	2406	8209	1331	1.55	6.17	1927	1279	1.51
T6222GK	D	+38	20.40	1.24	HST	CSR	F		221.0	8.7	2429	2824	9637	1426	1.70	6.76	2274	1370	1.66
T6222GK	G	+38	20.40	1.24	HST	CSR	F		221.0	8.7	2429	2824	9637	1426	1.70	6.76	2274	1370	1.66
J9226GK	D	+38	21.70	1.32	HST	CSR	F		265.0	10.4	2801	3258	11114	1432	1.96	7.76	2609	1385	1.88
J9226GK	V	+38	21.70	1.32	HST	CSR	F		265.0	10.4	2801	3258	11114	1325	2.11	8.39	2609	1282	2.04
J9226GS	M	+38	21.74	1.33	HST	3PHASE	F		265.0	10.4	2801	3258	11114	1300	2.15	8.55	2609	1257	2.07
J9228GS	M	+38	23.54	1.44	HST	3PHASE	F		265.0	10.4	3074	3574	12196	1430	2.15	8.53	2861	1379	2.08
J9232GK	A	+38	26.14	1.60	HST	CSR	F		277.0	10.9	3466	4031	13753	1576	2.20	8.73	3224	1523	2.12
J9232GK	D	+38	26.14	1.60	HST	CSR	F		277.0	10.9	3466	4031	13753	1675	2.07	8.21	3224	1619	1.99
J9232GK	V	+38	26.20	1.60	HST	CSR	F		277.0	10.9	3466	4031	13753	1673	2.07	8.22	3224	1617	1.99
J9232GS	M	+38	26.20	1.60	HST	3PHASE	F		277.0	10.9	3466	4031	13753	1615	2.15	8.51	3224	1554	2.08
J9238GK	V	+38	32.70	2.00	HST	CSR	F		277.0	10.9	4161	4839	16511	2109	1.97	7.83	3883	2032	1.91
J9238GS	M	+38	32.70	2.00	HST	3PHASE	F		277.0	10.9	4161	4839	16511	1900	2.19	8.69	3883	1831	2.12

1) LST = Low Starting Torque; HST = High Starting Torque  
 2) S = Static Cooling; F = Fan Cooling; OC = Oil Cooling

3) Base Plate: ● = European Version; ▲ = USA Version