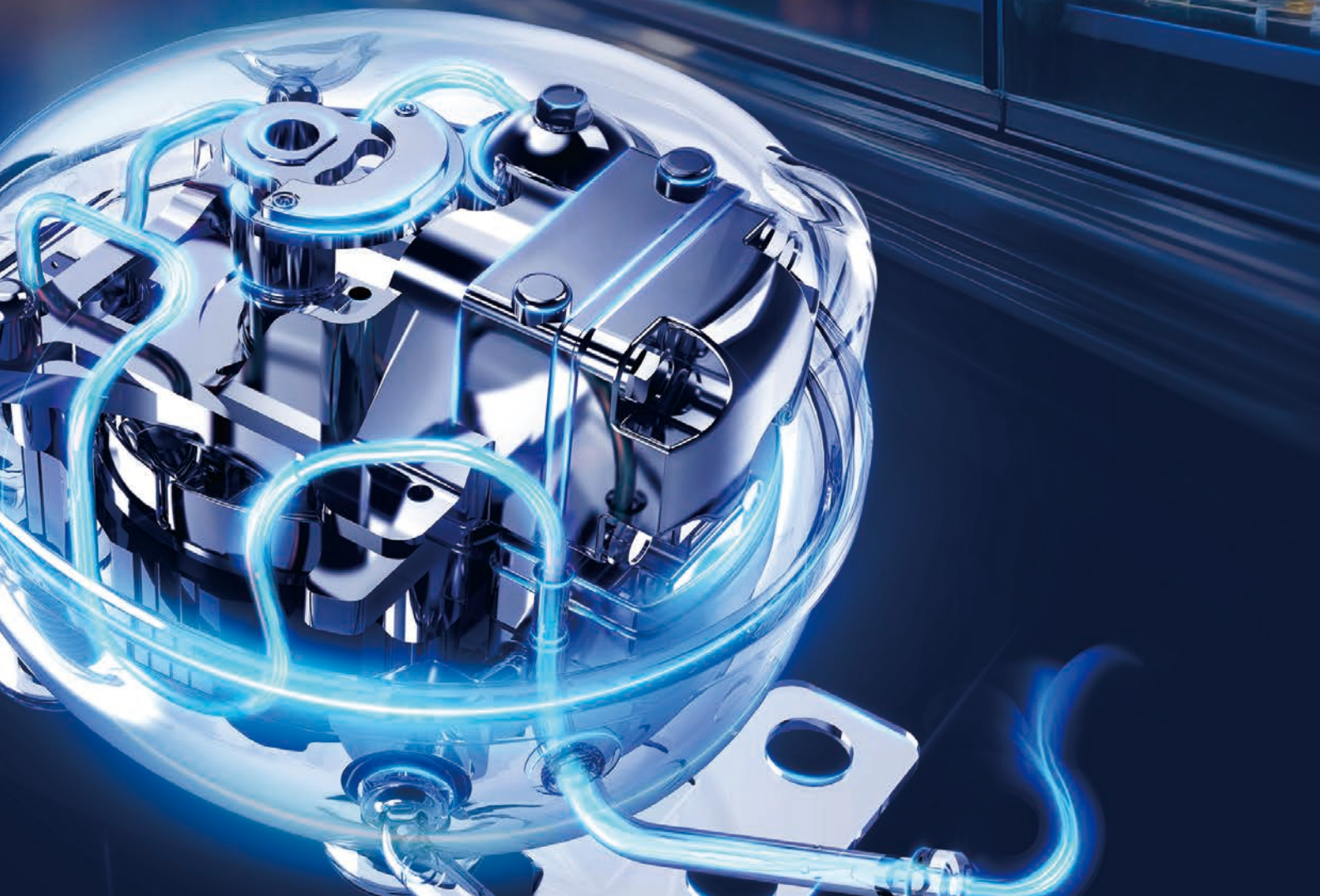


GMCC

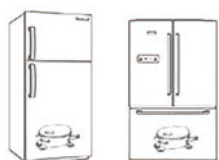
PRODUCT MANUAL

Reciprocating Compressor
for Light Commercial Refrigeration



Platform Introduction

Light Commercial Application



Refrigerator



Cryogenic medical cabinet



Centrifuge



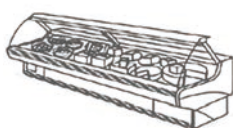
Mobile transfer cases



Solar-powered refrigerator



Air curtain display case



Display case



Beverage cooler



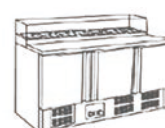
Vending machine



Kitchen fridge



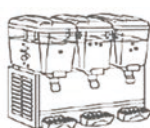
Bakery display case



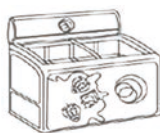
Under counter



Beermachine



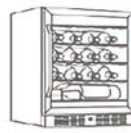
Juice dispenser



Ice cream freezer



Medicinal freezer



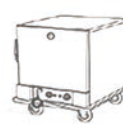
Wine cabinet



Ice maker



Water cooler



Food and beverage cooler

Compressor Platforms



(18~26cc)



(9.9~18cc)



(3.5~9.9cc)



(3.0~6.5cc)



DC (2.0~3.5cc)

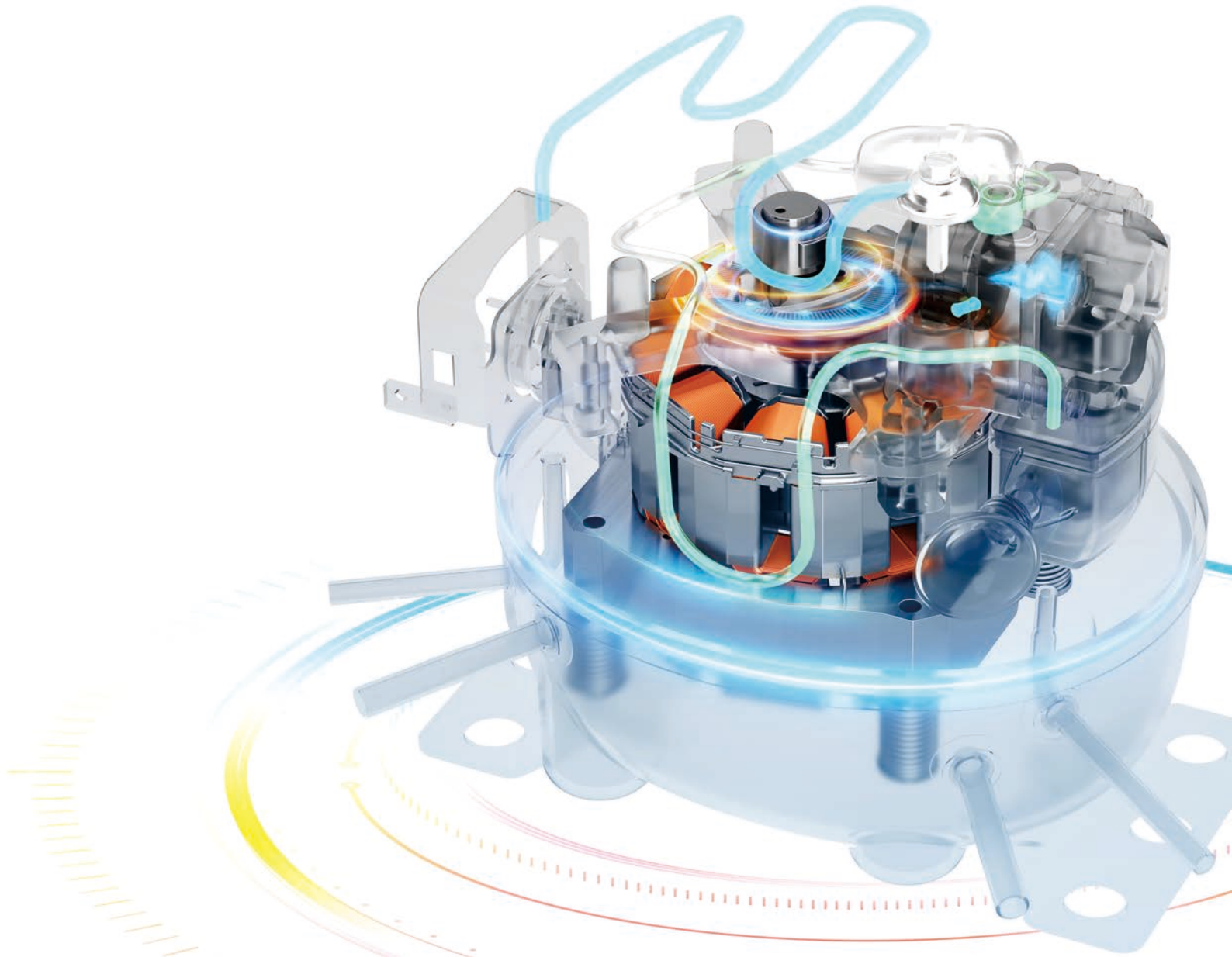


VCC (3.5~12.0cc)

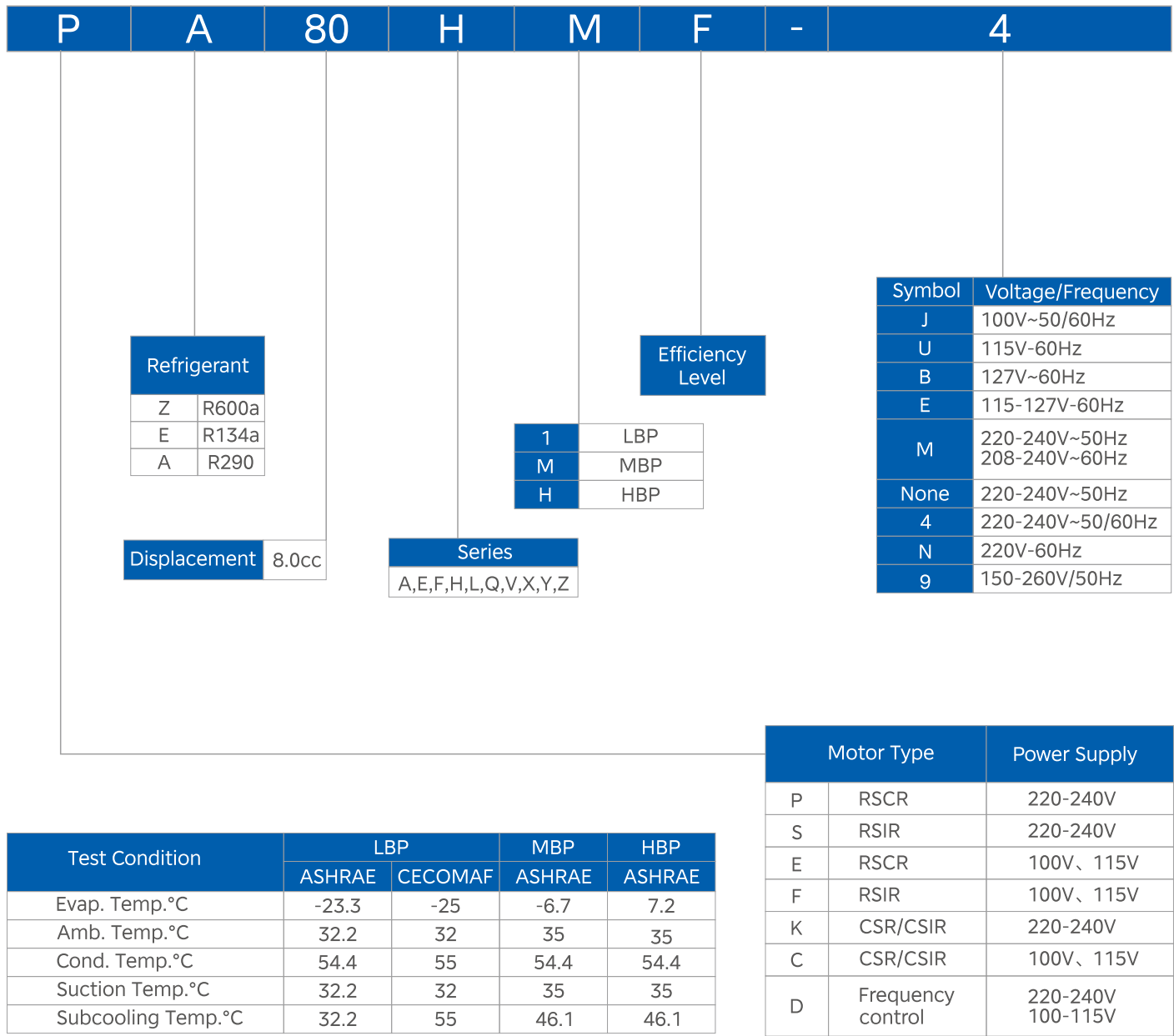
Type	Fixed Speed				DC	VCC
Series	Lmax	Q	H	E	M	A
Refrigerant	R290 R134a	R290 R134a	R290 R134a R600a	R290 R134a R600a	R134a R600a R1234yf	R290 R134a R600a

Light Commercial Compressor Ranges

Refr.	Test Condition (230V/50Hz)		Type	Platform	Cooling Capacity (w)										Height (mm)
					50	100	200	400	600	800	1000	1200	1600	2000	
R290	50Hz	ASHRAE 32 -LBP (-23.3/54.4°C)	Fixed Speed	E	3,50-6,50cc										≤178
				H	3,50-9,90cc										≤187
				Q	9,90-18,00cc										≤216
				L	18,00-26,00cc										≤230
			VCC	A	3,50-12,00cc										≤159
		ASHRAE 32 -MBP (-6.7/54.4°C)	Fixed Speed	E	3,50-6,50cc										≤178
				H	3,50-9,90cc										≤187
				Q	9,90-18,00cc										≤216
				L	18,0-26,0cc										≤230
			VCC	A	3,50-12,00cc										≤159
		ASHRAE 32 -HBP (7.2/54.4°C)	Fixed Speed	H	3,50-9,90cc										≤187
				Q	9,90-18,00cc										≤216
				L	18,00-26,00cc										≤230



Naming Rule of GMCC Models



Conversion Table

- 1、 $W \times 3.412 = \text{Btu/h}$
- 2、 $W \times 0.864 = \text{kcal/h}$
- 3、 $\text{kcal/h} \times 1.163 = W$
- 4、 $\text{kcal/h} \times 3.968 = \text{Btu/h}$
- 5、 $\text{EER} = \text{COP} \times 3.412$
- 6、 $\text{Capacity(at 50HZ)} \times 1.16 = \text{Capacity(at 60HZ)}$

Model	Application Type	Displ. (cm³)	Cooling Type	Motor Type	Power Supply	Performance Data		Cooling Capacity (w)												Height (mm)
						Test Condition	ASHRAE32(-23.3/54.4°C)	Evaporating Temperature												
							CC(w)	COP(w/w)	-40°C	-35°C	-30°C	-25°C	-20°C	-15°C	-10°C	-5°C	0°C	5°C	10°C	

R290 LBP 220-240V-50Hz

PA35E1E	LBP	3.5	FC	RSCR	220-240V~50Hz	LBP@50Hz	163	1.48	84	103	125	152	183	220	262	-	-	-	-	178
PA45E1E	LBP	4.5	FC	RSCR	220-240V~50Hz	LBP@50Hz	205	1.55	98	120	147	178	214	257	306	-	-	-	-	178
PA50H1E	LBP	5.0	FC	RSCR	220-240V~50Hz	LBP@50Hz	250	1.60	131	160	196	237	286	343	408	-	-	-	-	178
PA65H1C	LBP	6.5	FC	RSCR	220-240V~50Hz	LBP@50Hz	330	1.65	171	210	256	310	373	447	532	-	-	-	-	178
PA80H1C	LBP	8.0	FC	RSCR	220-240V~50Hz	LBP@50Hz	395	1.53	208	254	309	373	448	536	638	-	-	-	-	178
PA90H1E	LBP	9.0	FC	RSCR	220-240V~50Hz	LBP@50Hz	445	1.55	231	283	345	417	503	602	718	-	-	-	-	178
PA99H1F	LBP	9.9	FC	RSCR	220-240V~50Hz	LBP@50Hz	490	1.55	256	314	382	463	558	668	796	-	-	-	-	187
KA140Q1F	LBP	14.0	FC	CSR	220-240V~50Hz	LBP@50Hz	670	1.50	358	439	535	648	780	935	1115	-	-	-	-	206
KA140Q1B	LBP	14.0	FC	CSR	220-240V~50Hz	LBP@50Hz	700	1.70	374	459	559	677	815	977	1164	-	-	-	-	216
new KA160Q1F	LBP	16.0	FC	CSR	220-240V~50Hz	LBP@50Hz	750	1.50	389	477	581	704	847	1015	1210	-	-	-	-	216

R290 L/MBP 220-240V-50Hz

SA35EMH	L/MBP	3.5	FC	RSIR	220-240V~50Hz	LBP@50Hz	165	1.40	85	104	126	153	184	221	263	305	352	-	-	169
PA35EMH	L/MBP	3.5	FC	RSCR	220-240V~50Hz	LBP@50Hz	165	1.40	85	104	126	153	184	221	263	305	352	-	-	169
new KA35EMH	L/MBP	3.5	FC	CSR	220-240V~50Hz	LBP@50Hz	165	1.40	85	104	126	153	184	221	263	305	352	-	-	169
SA40EMH	L/MBP	4.0	FC	RSIR	220-240V~50Hz	LBP@50Hz	182	1.40	94	115	140	170	205	246	293	347	409	-	-	169
PA40EMH	L/MBP	4.0	FC	RSCR	220-240V~50Hz	LBP@50Hz	182	1.40	94	115	140	170	205	246	293	347	409	-	-	169
new KA40EMH	L/MBP	4.0	FC	CSR	220-240V~50Hz	LBP@50Hz	182	1.40	94	115	140	170	205	246	293	347	409	-	-	169
SA45EMH	L/MBP	4.5	FC	RSIR	220-240V~50Hz	LBP@50Hz	205	1.40	107	131	160	193	233	279	332	394	464	-	-	174
PA45EME	L/MBP	4.5	FC	RSCR	220-240V~50Hz	LBP@50Hz	205	1.55	107	131	160	193	233	279	332	394	464	-	-	178
new KA45HMY	L/MBP	4.5	FC	CSR	220-240V~50Hz	LBP@50Hz	220	1.85	114	140	170	206	249	298	355	420	495	-	-	187
SA50EMF	L/MBP	5.0	FC	RSIR	220-240V~50Hz	LBP@50Hz	240	1.40	128	157	191	231	279	334	398	472	556	-	-	174
PA50EME	L/MBP	5.0	FC	RSCR	220-240V~50Hz	LBP@50Hz	240	1.58	128	157	191	231	279	334	398	472	556	-	-	178
new KA50HMB	L/MBP	5.0	FC	CSR	220-240V~50Hz	LBP@50Hz	255	1.70	129	158	193	234	282	338	403	477	562	-	-	178
new KA50HMY	L/MBP	5.0	FC	CSR	220-240V~50Hz	LBP@50Hz	255	1.85	129	158	193	234	282	338	403	477	562	-	-	187
SA59EMF	L/MBP	5.9	FC	RSIR	220-240V~50Hz	LBP@50Hz	290	1.45	150	184	224	271	327	392	467	554	652	-	-	178
PA59HMF	L/MBP	5.9	FC	RSCR	220-240V~50Hz	LBP@50Hz	295	1.63	155	191	232	281	339	406	484	574	677	-	-	178
new KA59HMB	L/MBP	5.9	FC	CSR	220-240V~50Hz	LBP@50Hz	295	1.70	155	191	232	281	339	406	484	574	677	-	-	178
new KA59HMY	L/MBP	5.9	FC	CSR	220-240V~50Hz	LBP@50Hz	300	1.85	157	193	234	284	342	409	488	579	686	-	-	187
PA65HMF	L/MBP	6.5	FC	RSCR	220-240V~50Hz	LBP@50Hz	355	1.63	184	226	275	333	401	481	573	678	799	-	-	178
PA65HMZ	L/MBP	6.5	FC	RSCR	220-240V~50Hz	LBP@50Hz	350	1.82	182	223	271	328	395	474	565	669	788	-	-	187
new KA65HMZ	L/MBP	6.5	FC	CSR	220-240V~50Hz	LBP@50Hz	350	1.82	182	223	271	328	395	474	565	669	788	-	-	187
PA80HMF	L/MBP	8.0	FC	RSCR	220-240V~50Hz	LBP@50Hz	390	1.50	203	249	304	368	443	531	633	751	884	-	-	187
PA80HMD	L/MBP	8.0	FC	RSCR	220-240V~50Hz	LBP@50Hz	395	1.60	205	251	306	371	446	535	637	755	890	-	-	187
new PA80HMZ	L/MBP	8.0	FC	RSCR	220-240V~50Hz	LBP@50Hz	400	1.82	208	254	310	375	452	542	645	765	901	-	-	187
new KA80HMZ	L/MBP	8.0	FC	CSR	220-240V~50Hz	LBP@50Hz	400	1.82	208	254	310	375	452	542	645	765	901	-	-	187
PA90HMF	L/MBP	9.0	FC	RSCR	220-240V~50Hz	LBP@50Hz	440	1.55	228	279	340	412	497	595	709	840	990	-	-	187
PA90HMZ	L/MBP	9.0	FC	RSCR	220-240V~50Hz	LBP@50Hz	460	1.82	239	293	356	432	520	623	742	879	1036	-	-	187
new KA90HMZ	L/MBP	9.0	FC	CSR	220-240V~50Hz	LBP@50Hz	460	1.82	239	293	356	432	520	623	742	879	1036	-	-	187
KA99HMF	L/MBP	9.9	FC	CSR	220-240V~50Hz	LBP@50Hz	490	1.55	256	314	382	463	558	668	796	953	1124	-	-	187
new KA99HMB	L/MBP	9.9	FC	CSR	220-240V~50Hz	LBP@50Hz	490	1.70	256	314	382	463	558	668	796	953	1124	-	-	187
PA120QMA	L/MBP	12.0	FC	RSCR	220-240V~50Hz	LBP@50Hz	545	1.60	292	358	436	528	636	762	909	1077	1269	-	-	206
new KA120QMD	L/MBP	12.0	FC	CSR	220-240V~50Hz	LBP@50Hz	545	1.60	292	358	436	528	636	762	909	1077	1269	-	-	206
PA140QMF	L/MBP	14.0	FC	RSCR	220-240V~50Hz	LBP@50Hz	670	1.50	358	439	535	648	780	935	1115	1321	1557	-	-	206
new KA140QMF	L/MBP	14.0	FC	CSR	220-240V~50Hz	LBP@50Hz	670	1.50	358	439	535	648	780	935	1115	1321	1557	-	-	206
PA160LMA	L/MBP	16.0	FC	RSCR	220-240V~50Hz	LBP@50Hz	750	1.54	391	479	584	707	852	1020	1216	1441	1698	-	-	226
KA160QMF	L/MBP	16.0	FC	CSR	220-240V~50Hz	LBP@50Hz	750	1.50	391	479	584	707	852	1020	1216	1441	1698	-	-	216
new KA180LMF	L/MBP	18.0	FC	CSR	220-240V~50Hz	LBP@50Hz	900	1.45	467	573	697	844	1017	1218	1452	1720	2027	-	-	230
KA210LMH	L/MBP	21.0	FC	CSR	220-240V~50Hz	LBP@50Hz	1000	1.45	513	629	766	928	1118	1339	1596	1891	2228	-	-	230

Model	Application Type	Displ. (cm³)	Cooling Type	Motor Type	Power Supply	Performance Data		Cooling Capacity (w)												Height (mm)
						Test Condition	ASHRAE32 (7.2/54.4°C)	Evaporating Temperature												
							CC(w)	COP(w/w)	-40°C	-35°C	-30°C	-25°C	-20°C	-15°C	-10°C	-5°C	0°C	5°C	10°C	

R290 M/HBP 220-240V-50Hz

NEW KA25YHA-4	M/HBP	2.5	FC	CSIR	220-240V-50/60Hz	HBP@50Hz	340	2.38	-	-	-	121	145	173	206	238	261	305	367	154
						HBP@60Hz	415	2.55	-	-	-	150	181	216	258	298	325	381	459	
NEW PA45HHA	M/HBP	4.5	FC	RSCR	220-240V~50Hz	HBP@50Hz	670	3.00	-	-	-	236	288	346	413	489	524	625	742	178
NEW KA45HHA	M/HBP	4.5	FC	CSR	220-240V~50Hz	HBP@50Hz	670	3.00	-	-	-	236	288	346	413	489	524	625	742	178
PA59HHA★	M/HBP	5.9	FC	RSCR	220-240V~50Hz	HBP@50Hz	800	2.60	-	-	-	281	339	406	484	574	677	780	930	187
KA59HHA★	M/HBP	5.9	FC	CSR	220-240V~50Hz	HBP@50Hz	800	2.60	-	-	-	281	339	406	484	574	677	780	930	187
PA65HHA	M/HBP	6.5	FC	RSCR	220-240V~50Hz	HBP@50Hz	930	2.70	-	-	-	305	367	437	526	630	751	888	1046	187
NEW KA65HHA	M/HBP	6.5	FC	CSR	220-240V~50Hz	HBP@50Hz	930	2.70	-	-	-	305	367	437	526	630	751	888	1046	187
PA80HHA	M/HBP	8.0	FC	RSCR	220-240V~50Hz	HBP@50Hz	1060	2.60	-	-	-	368	443	531	621	736	866	1014	1181	187
NEW KA80HHA	M/HBP	8.0	FC	CSR	220-240V~50Hz	HBP@50Hz	1060	2.60	-	-	-	368	443	531	621	736	866	1014	1181	187
PA90HHA	M/HBP	9.0	FC	RSCR	220-240V~50Hz	HBP@50Hz	1260	2.75	-	-	-	412	497	595	709	840	990	1150	1342	187
NEW KA90HHA	M/HBP	9.0	FC	CSR	220-240V~50Hz	HBP@50Hz	1260	2.75	-	-	-	412	497	595	709	840	990	1150	1342	187
NEW KA120QHA	M/HBP	12.0	FC	CSR	220-240V~50Hz	HBP@50Hz	1540	2.75	-	-	-	540	672	804	932	1104	1299	1500	1772	206
NEW KA140LHA	M/HBP	14.0	FC	CSR	220-240V~50Hz	HBP@50Hz	1780	2.60	-	-	-	630	784	938	1087	1288	1516	1750	2067	206
NEW KA160QHT	L/M/HBP	16.0	FC	CSR	220-240V~50Hz	HBP@50Hz	2050	2.50	389	477	581	685	825	988	1176	1392	1638	1916	2230	230
NEW KA180LHT	L/M/HBP	18.0	FC	CSR	220-240V~50Hz	HBP@50Hz	2400	2.25	467	573	697	802	966	1156	1377	1629	1917	2244	2611	230
NEW KA210LHT	L/M/HBP	21.0	FC	CSR	220-240V~50Hz	HBP@50Hz	2660	2.25	519	636	775	889	1070	1282	1526	1806	2125	2487	2894	230

Model	Application Type	Displ. (cm³)	Cooling Type	Motor Type	Power Supply	Performance Data		Cooling Capacity (w)												Height (mm)
						Test Condition	ASHRAE32(-23.3/54.4°C)	Evaporating Temperature												
							CC(w)	COP(w/w)	-40°C	-35°C	-30°C	-25°C	-20°C	-15°C	-10°C	-5°C	0°C	5°C	10°C	

R290 Bi-Frequency L/MBP 220-240V-50/60Hz

PA35E1C-4	LBP	3.5	FC	RSCR	220-240V-50/60Hz	LBP@50Hz	160	1.45	86	105	129	156	188	225	269	-	-	-	-	178
						LBP@60Hz	195	1.60	104	127	155	188	227	272	324	-	-	-	-	
PA45HMF-4	L/MBP	4.5	FC	RSCR	220-240V-50/60Hz	LBP@50Hz	225	1.56	116	143	174	210	254	304	362	429	506	-	-	178
						LBP@60Hz	265	1.70	139	171	208	253	304	365	435	515	607	-	-	
NEW KA45HMF-4	L/MBP	4.5	FC	CSR	220-240V~50/60Hz	LBP@50Hz	225	1.56	116	143	174	210	254	304	362	429	506	-	-	178
						LBP@60Hz	265	1.70	139	171	208	253	304	365	435	515	607	-	-	
PA59H1E-4	LBP	5.9	FC	RSCR	220-240V~50/60Hz	LBP@50Hz	295	1.52	155	190	231	280	338	405	482	-	-	-	-	178
						LBP@60Hz	345	1.65	180	221	270	327	394	472	563	-	-	-	-	
NEW PA59HMD-4	L/MBP	5.9	FC	RSCR	220-240V~50/60Hz	LBP@50Hz	295	1.63	155	190	231	280	338	405	482	573	676	-	-	178
						LBP@60Hz	350	1.70	181	222	271	328	395	473	564	668	788	-	-	
PA65H1E-4	LBP	6.5	FC	RSCR	220-240V~50/60Hz	LBP@50Hz	320	1.53	166	204	248	301	363	435	518	-	-	-	-	178
						LBP@60Hz	375	1.65	195	239	291	353	425	509	607	-	-	-	-	
PA80HMF-4	L/MBP	8.0	FC	RSCR	220-240V~50/60Hz	LBP@50Hz	390	1.50	203	249	304	368	443	531	633	751	884	-	-	187
						LBP@60Hz	475	1.62	246	301	367	444	535	642	765	906	1068	-	-	
NEW KA80HMF-4	L/MBP	8.0	FC	CSR	220-240V~50/60Hz	LBP@50Hz	390	1.50	203	249	304	368	443	531	633	751	884	-	-	187
						LBP@60Hz	475	1.62	246	301	367	444	535	642	765	906	1068	-	-	
PA90HMF-4	L/MBP	9.0	FC	RSCR	220-240V~50/60Hz	LBP@50Hz	440	1.50	228	279	340	412	497	595	709	840	990	-	-	187
						LBP@60Hz	530	1.60	264	324	395	478	576	690	823	975	1149	-	-	
NEW KA90HMF-4	L/MBP	9.0	FC	CSR	220-240V~50/60Hz	LBP@50Hz	440	1.50	228	279	340	412	497	595	709	840	990	-	-	187
						LBP@60Hz	530	1.60	264	324	395	478	576	690	823	975	1149	-	-	
NEW PA99HMF-4	L/MBP	9.9	FC	RSCR	220-240V~50/60Hz	LBP@50Hz	465	1.50	256	314	382	463	558	668	796	953	1124	-	-	187
						LBP@60Hz	550	1.60	297	364	443	537	647	775	924	1105	1304	-	-	
NEW KA120QME-4	L/MBP	12.0	FC	CSR	220-240V~50/60Hz	LBP@50Hz	545	1.55	292	358	436	528	636	762	909	1077	1269	-	-	206
						LBP@60Hz	625	1.58	333	408	535	648	780	935	1115	1321	1557	-	-	
KA140QMF-4★	L/MBP	14.0	FC	CSR	220-240V~50/60Hz	LBP@50Hz	670	1.50	358	439	535	648	780	935	1115	1321	1557	-	-	216
						LBP@60Hz	770	1.52	400	479	584	706.95	851.64	1020.4	1216	1441	1698	-	-	
KA160QMF-4★	L/MBP	16.0	FC	CSR	220-240V~50/60Hz	LBP@50Hz	750	1.50	391	479	584	706.95	851.64	1020.4	1216	1441	1698	-	-	216
						LBP@60Hz	850	1.50	467	573	697	844.32	1017	1218.4	1452	1720	2027	-	-	
NEW KA210LMF-4	L/MBP	21.0	FC	CSR	220-240V~50/60Hz	LBP@50Hz	1000	1.45	513	629	766	928	1118	1339	1596	1891	2228	-	-	230
						LBP@60Hz	1150	1.43	568	678	815	968	1186	1456	1678	1967	2401	-	-	

Model	Application Type	Displ. (cm³)	Cooling Type	Motor Type	Power Supply	Performance Data		Cooling Capacity (w)												Height (mm)
						Test Condition	ASHRAE32(-23.3/54.4°C)	Evaporating Temperature												
							CC(w)	COP(w/w)	-40°C	-35°C	-30°C	-25°C	-20°C	-15°C	-10°C	-5°C	0°C	5°C	10°C	

R290 L/MBP 115V-60Hz

EA35E1G-U	LBP	3.5	FC	RSCR	115V~60Hz	LBP@60Hz	190	1.50	98	120	146	177	214	256	306	-	-	-	-	178
EA35HMD-U	L/MBP	3.5	FC	RSCR	115V~60Hz	LBP@60Hz	205	1.66	98	120	146	177	214	256	306	363	427	-	-	178
EA40HMD-U	L/MBP	4.0	FC	RSCR	115V~60Hz	LBP@60Hz	235	1.72	109	134	163	197	238	285	340	403	475	-	-	178
EA45H1C-U	LBP	4.5	FC	RSCR	115V~60Hz	LBP@60Hz	255	1.70	132	162	197	239	288	345	411	-	-	-	-	178
NEW EA45HMB-U	L/MBP	4.5	FC	RSCR	115V~60Hz	LBP@60Hz	255	1.70	132	162	197	239	288	345	411	487	574	-	-	178
NEW CA45HMZ-U	L/MBP	4.5	FC	CSR	115V~60Hz	LBP@60Hz	255	1.80	132	162	197	239	288	345	411	-	-	-	-	187
NEW EA50HMF-U	L/MBP	5.0	FC	RSCR	115V~60Hz	LBP@60Hz	300	1.80	152	187	228	276	333	399	475	563	664	-	-	187
EA59H1D-U	LBP	5.9	FC	RSCR	115V~60Hz	LBP@60Hz	340	1.60	177	218	265	321	387	464	553	-	-	-	-	178
EA59H1A-U	LBP	5.9	FC	RSCR	115V~60Hz	LBP@60Hz	350	1.73	177	218	265	321	387	464	553	-	-	-	-	178
EA59HMA-U	L/MBP	5.9	FC	RSCR	115V~60Hz	LBP@60Hz	350	1.70	181	222	271	328	395	473	564	668	788	-	-	187
NEW CA59HMF-U	L/MBP	5.9	FC	CSR	115V~60Hz	LBP@60Hz	350	1.80	181	222	271	328	395	473	564	668	788	-	-	187
EA65H1E-U	LBP	6.5	FC	RSCR	115V~60Hz	LBP@60Hz	375	1.60	196	240	292	354	427	512	610	-	-	-	-	178
EA70HMB-U	L/MBP	7.0	FC	RSCR	115V~60Hz	LBP@60Hz	415	1.62	209	257	313	379	457	548	653	754	889	-	-	187
NEW CA70HMF-U	L/MBP	7.0	FC	CSR	115V~60Hz	LBP@60Hz	415	1.80	209	257	313	379	457	548	653	754	889	-	-	187
EA80HMF-U	L/MBP	8.0	FC	RSCR	115V~60Hz	LBP@60Hz	470	1.80	236	289	352	427	514	616	735	871	1026	-	-	187
NEW CA80HMF-U	L/MBP	8.0	FC	CSR	115V~60Hz	LBP@60Hz	470	1.80	236	289	352	427	514	616	735	871	1026	-	-	187
CA90HMF-U	L/MBP	9.0	FC	CSR	115V~60Hz	LBP@60Hz	520	1.50	264	324	395	478	576	690	823	975	1149	-	-	187
CA90HMF-U ★	L/MBP	9.0	FC	CSR	115V~60Hz	LBP@60Hz	530	1.80	272	333	405	488	587	702	837	989	1165	-	-	187
CA120Q1H-U	LBP	12.0	FC	CSR	115V~60Hz	LBP@60Hz	675	1.50	350	429	522	633	762	913	1088	-	-	-	-	206
CA120QMF-U	L/MBP	12.0	FC	CSR	115V~60Hz	LBP@60Hz	675	1.50	350	429	522	633	762	913	1088	1280	1508	-	-	206
CA140LMF-U ★	L/MBP	14.0	FC	CSR	115V~60Hz	LBP@60Hz	770	1.50	399	489	596	722	869	1042	1241	1460	1721	-	-	216

Model	Application Type	Displ. (cm³)	Cooling Type	Motor Type	Power Supply	Test Condition	Performance at ASHRAE32 Condition (-23.3/54.4°C)			Height (mm)
							Speed (rpm)	Cooling Capacity (w)	COP (w/w)	

R290 L/MBP 100V/220-240V-50/60Hz

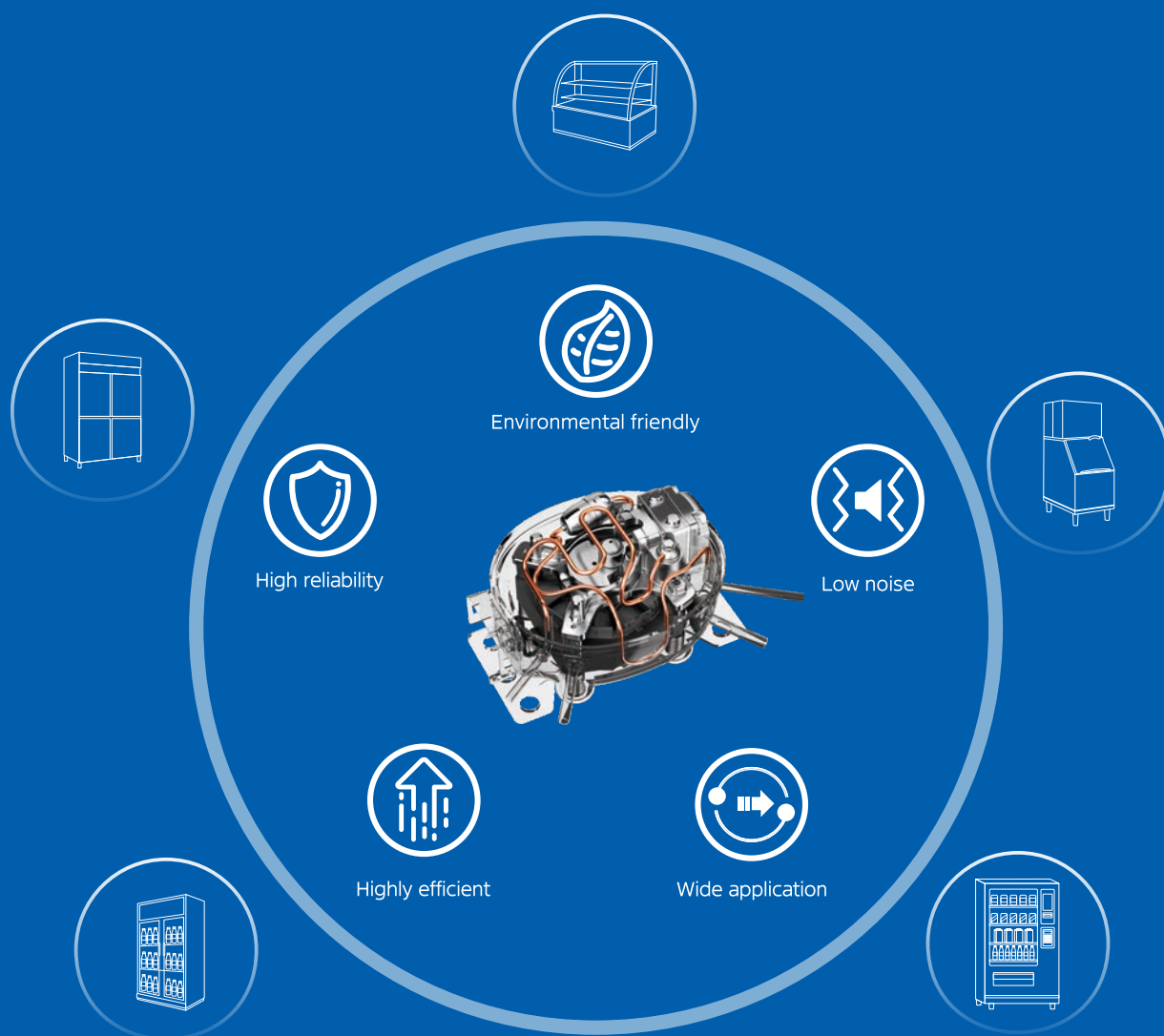
DA35AMC	L/MBP	3.5	FC	BLDC	100~115V/220~240V 50Hz/60Hz	LBP@50Hz	1500	80	1.55	148
							2400	135	1.65	
							3000	175	1.63	
							4200	250	1.55	
DA50AMA	L/MBP	5.0	FC	BLDC	100~115V/220~240V 50Hz/60Hz	LBP@50Hz	1500	115	1.65	148
							2400	205	1.75	
							3000	255	1.74	
							4200	350	1.60	
DA59AMY ★	L/MBP	5.9	FC	BLDC	100~115V/220~240V 50Hz/60Hz	LBP@50Hz	1500	140	1.75	148
							2400	240	1.85	
							3000	300	1.83	
							4200	405	1.70	
NEW DA65AMZ	L/MBP	6.5	FC	BLDC	100~115V/220~240V 50Hz/60Hz	LBP@50Hz	1500	156	1.72	148
							2400	270	1.82	
							3000	340	1.80	
							4200	490	1.70	
DA75AMA	L/MBP	7.5	FC	BLDC	100~115V/220~240V 50Hz/60Hz	LBP@50Hz	1500	180	1.65	148
							2400	295	1.75	
							3000	390	1.70	
							4200	540	1.65	
DA90AMZ ★	L/MBP	9.0	FC	BLDC	100~115V/220~240V 50Hz/60Hz	LBP@50Hz	1500	225	1.66	159
							2400	380	1.80	
							3000	475	1.75	
							4200	665	1.65	
DA120AMZ ★	L/MBP	12.0	FC	BLDC	100~115V/220~240V 50Hz/60Hz	LBP@50Hz	1500	290	1.65	159
							2400	495	1.80	
							3000	615	1.75	
							4200	825	1.67	

Model	Application Type	Refr.	Displ. (cm³)	Cooling Type	Motor Type	Power Supply	Performance Data ASHRAE32 (-23.3/54.4°C)			Outline Size (L*W*H)
							Speed (rpm)	Cooling Capacity (w)	COP (w/w)	

R600a&R134a DC Inverter M series LBP 12V/24V

DZ35M1P	LBP	R600a	3.5	FC	BLDC	12V/24V	2000-3500	42-65	1.20	149.5*120*110
DZ59M1P	LBP	R600a	5.9	FC	BLDC	12V/24V	2000-3500	68-105	1.15	149.5*120*116
NEW DE15M1P	LBP	R134a	1.5	FC	BLDC	12V/24V	2000-4000	18-45	1.15	104*94*95
DE20M1P	LBP	R134a	2.0	FC	BLDC	12V/24V	2000-3500	35-60	1.20	149.5*120*110
NEW DE25M1P	LBP	R134a	2.5	FC	BLDC	12V/24V	2000-3500	45-78	1.20	149.5*120*110
NEW DE35M1P	LBP	R134a	3.5	FC	BLDC	12V/24V	2000-3500	68-107	1.15	149.5*120*116

★ = Development **NEW** = Samples available



GMCC