

Mbsm.pro, Compressor, Panasonic,  
Serie, Qb, Qbh, dhd, dg, dd, QA, sfh,  
sbh, sb

Category: compressor

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D51C10RAW5, D51C90RAW5, D57C10RAW5, D57C13RAX5, D66C13RAW5, D66C13RAX5, D77C15RAW5, , D77C18RAX5, , D91C18RAW5, , D91C21RAX5, , D110C21RAX5, D110C21RAZ5, D110C21RBX5, D110C24GAX5, DA57C11RAY5, DA66C12RAY5, DA77C15RAY5, , D, B, DB66C10RAW5, DB66C12RAY5, DB66C14RBX5, DB73C13RAY5, DB77C14RAY5, DB77C16RBX5, DB86C16RAY5, DB91C14RAW5, DB91C19RAY5, DB91C21RAX5, DB110C19RAW5, DB110C22RAW5, DD57C10RAW5, DD57C12GAX5, DD66C13RAW5, DD66C14GAX5, DD77C15GAX5, DD77C15RAW5, DD86C18RAW5, DG51C89RAW5, DGH51C90RAX, DG57C90GCW5, DG57C96RAW5, DG66C11RAW5, DG66C13GAX5, DG73C12RAW5, DG77C14RAW5, DG77C16GAX5, DG91C18RAW5, DG91C21RAX5 , DGH66C13GAX, DGH66C96RAW, DGH73C14RAE, DGH73C14RAX, DGH73C15GAX, DGH73C15RAX, DGH77C13RAW, DGH86C16RAW, DGH86C19GAX, DGK57C97RLX, DGK66C90RPW, DHS51C74RAW, DHS57C80RAW, DHS66C10RAW, DHS66C88RAW, DHS73C10RAW, DHS73C13RAW, DHS86C15RAW, DKK57C11RAE, DKK66C13RAE , QA66C12GAX5, QA66C14GAX5, QA66C15GAX5, QA77C17GAX5, QA91C22GAX5 , QB51C74GAW5, QB51C95GPW5, QB51C99GAW0, QB51C99GAX0, QB51C99GLX5, QB57C11GAX0, QB57C11GLX5, QB57C11GPX5, QB57C86GAX0, QB57C87GAW5, QB66C13GAX5, QB66C13GLX5, QB66C13GPX5, QB66C16GAX0, QB66C97GAW5, QB73C12GAW5, QB73C15GAX5, QB73C16GAX5, QB77C13GAW5, QB77C16GAX5, QB77C16GLX5, QB77C16GPX5, QB77C18GAX0, QB86C13GAW5, QB86C18GAX5, QB91C16GAW5, QB91C18GAX0, QB91C19GAX5, QB91C21RPX5, QB91C24GAX0, QB110C19GAW5, QB110C25CAX0, QB110C25GAX5, MGA57C95RPX, MGA66C11RPX, MGA73C15RPX, MGA77C16RLX , QBH51C90GLX, QBH57C10GLX, QBH57C10GPX, QBH57C15RLX, QBH66C13GPX, QBH66C13RLX, QBH73C13GAE, QBH73C15RLX, QBH73C16GPX, QBH73C20RLX, QBH77C16RLX, QBH86C19RLX, QBH86C19RPX, QA51K13GAW5, QA77K18CAW5, QA91K21CAW5, QA110K23CAW5, QA125K26CAW5, QA125K29CAX5, , , QA43K11CAS0, , QA77K18CAX0 , SB24C50GAW5, SB30C50GAW5, SB35C65GAW5, SB35C67RAY5, , SB43C80GAW5, SB43C90RAY5, SB48C10RAY5, SB48C12GAX5, SB48C95GAW5, SBH35C57GPW, SBH48C11RLX, , SF39C74RAX5, SF39C78GAX5, SF43C76RAX5, SF43C83RAW5, SF48C10RAX5, SF48C91RAW5, SF51C10RAX5, SF51C91RAW5, SFH39C64RAW, SFH39C73RLX, SFH43C80RAW, SFH48C11RAX, SFH48C87RAW, SFH48C99RAX, SFH51C11RAX, SFH51C99RAX, SBH35C68RLE, , SB30C70GAX0, , SB35C80GAX0

ملاحظات	الفرغون	التطبيق	220 / 240 / 50 HZ						الإزاحة	الأمبير	Freq	القدرة المسحوبة		MODEL
			COOLING CAPACITY					Displ.CC				W	H P	
			W 7.2+	W -5	W -23	B T U	k CAL/HR							
	R600a	LBP			79	270	68	5.1			50			SF51E45GAW5
	R600a	LBP			79	270	68	5.1			50			SF51E47GAW5
	R600a	LBP			79	270	68	5.1			50			SF51E60GLW5
	R600a	LBP			79	270	68	5.1			50			SF51E70RLW5
	R600a	LBP			160	546	138	10.0			50			DA100E13RAX5
	R600a	LBP			174	594	150	11.0			50			DA110E13RBX5
	R600a	LBP			174	594	150	11.0			50			DA110E13RBY5
	R600a	LBP			197	672	169	12.5			50			DA125E13RBY5
	R600a	LBP			137	467	118	9.1			50			DA91E12GAX5
	R600a	LBP			163	556	140	10.0			50			DC100E11RAX5
	R600a	LBP			174	594	150	11.0			50			DC110E10RAW5
	R600a	LBP			174	594	150	11.0			50			DC110E13RBX5
	R600a	LBP			200	682	172	12.5			50			DC125E12RAW5
	R600a	LBP			200	682	172	12.5			50			DC125E15RAX5
	R600a	LBP			176	600	151	10.0			50			DG100E87RAW5
	R600a	LBP			185	631	159	11.0			50			DG110E10RAW5
	R600a	LBP			216	737	186	12.5			50			DG125E11RAW5
	R600a	LBP			216	737	186	12.5			50			DG125E17RPX5
	R600a	LBP			152	519	131	9.1			50			DG91E10RAX5
	R600a	LBP			152	519	131	9.1			50			DG91E87RAW5

220 / 240 / 50 HZ												MODEL	
ملاحظات	الفريون	التطبيق	COOLING CAPACITY					الإزاحة	الأمبير	Freq	القدرة المسحوبة		
			W 7.2+	W -5	W -23	B T U	k CAL/HR				Displ.CC		RLA
	R 134 a	LBP			135	461	116	5.1		50		1/6	D51C10RAW5
	R 134 a	LBP			135	461	116	5.1		50		1/6	D51C90RAW5
	R 134 a	LBP			141	481	121	5.7		50		1/6	D57C10RAW5
	R 134 a	LBP			141	481	121	5.7		50		1/6	D57C13RAX5
	R 134 a	LBP			160	546	138	6.6		50		1/5	D66C13RAW5
	R 134 a	LBP			151	515	130	6.6		50		1/5	D66C13RAX5
	R 134 a	LBP			186	635	160	7.7		50		1/5+	D77C15RAW5
	R 134 a	LBP			186	635	160	7.7		50		1/5+	D77C18RAX5
	R 134 a	LBP			227	774	195	9.1		50		1/4	D91C18RAW5
	R 134 a	LBP			227	774	195	9.1		50		1/4	D91C21RAX5
	R 134 a	LBP			298	1017	256	11.0		50		1/3	D110C21RAX5
	R 134 a	LBP			298	1017	256	11.0		50		1/3	D110C21RAZ5
	R 134 a	LBP			298	1017	256	11.0		50		1/3	D110C21RBX5
	R 134 a	LBP			298	1017	256	11.0		50		1/3	D110C24GAX5



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220 / 240 / 50 HZ												MODEL		
ملاحظات	الفريون	التطبيق	COOLING CAPACITY					الإزاحة	الأمبير	Freq	القدرة المسحوبة			
			W 7.2+	W -5	W -23	B T U	k CAL/HR				Displ.CC		RLA	HZ
	R 134 a	LBP			163	556	140	5.7			50		1/6	DA57C11RAY5
	R 134 a	LBP			184	628	158	6.6			50		1/5	DA66C12RAY5
	R 134 a	LBP			214	730	184	7.7			50		1/5+	DA77C15RAY5
	R 134 a	LBP												
	R 134 a	LBP												D B
	R 134 a	LBP			187	638	161	6.6			50		1/5	DB66C10RAW5
	R 134 a	LBP			184	628	158	6.6			50		1/5	DB66C12RAY5
	R 134 a	LBP			184	628	158	6.6			50		1/5	DB66C14RBX5
	R 134 a	LBP			204	696	175	7.3			50		1/5+	DB73C13RAY5
	R 134 a	LBP			214	730	184	7.7			50		1/5+	DB77C14RAY5
	R 134 a	LBP			214	730	184	7.7			50		1/5+	DB77C16RBX5
	R 134 a	LBP			241	822	207	8.6			50		1/4	DB86C16RAY5
	R 134 a	LBP			253	863	218	9.1			50		1/4	DB91C14RAW5
	R 134 a	LBP			256	873	220	9.1			50		1/4	DB91C19RAY5
	R 134 a	LBP			256	873	220	9.1			50		1/4	DB91C21RAX5
	R 134 a	LBP			302	1030	260	11.0			50		1/3	DB110C19RAW5
	R 134 a	LBP			302	1030	260	11.0			50		1/3	DB110C22RAW5



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220 / 240 / 50 HZ												MODEL	
ملاحظات	الفريون	التطبيق	COOLING CAPACITY					الإزاحة	الأمبير	Freq	القدرة المسحوبة		
			W 7.2+	W -5	W -23	B T U	k CAL/HR				Displ.CC		RLA
	R 134 a	LBP			163	556	140	5.7		50		1/6	DD57C10RAW5
	R 134 a	LBP			163	556	140	5.7		50		1/6	DD57C12GAX5
	R 134 a	LBP			184	628	158	6.6		50		1/5	DD66C13RAW5
	R 134 a	LBP			183	624	157	6.6		50		1/5	DD66C14GAX5
	R 134 a	LBP			213	727	183	7.7		50		1/5+	DD77C15GAX5
	R 134 a	LBP			214	730	184	7.7		50		1/5+	DD77C15RAW5
	R 134 a	LBP			241	822	207	8.6		50		1/4	DD86C18RAW5
	R 134 a	LBP											
	R 134 a	LBP											D G
	R 134 a	LBP			145	495	125	5.1		50		1/7	DG51C89RAW5
	R 134 a	LBP			154	525	132	5.1		50			DGH51C90RAX
	R 134 a	LBP			168	573	144	5.7		50		1/6	DG57C90GCW5
	R 134 a	LBP			168	573	144	5.7		50		1/6	DG57C96RAW5
	R 134 a	LBP			187	638	161	6.6		50		1/5	DG66C11RAW5
	R 134 a	LBP			187	638	161	6.6		50		1/5	DG66C13GAX5
	R 134 a	LBP			212	723	182	7.3		50		1/5	DG73C12RAW5
	R 134 a	LBP			225	768	193	7.7		50		1/5+	DG77C14RAW5
	R 134 a	LBP			225	768	193	7.7		50		1/5+	DG77C16GAX5
	R 134 a	LBP			259	884	223	9.1		50		1/4	DG91C18RAW5
	R 134 a	LBP			259	884	223	9.1		50		1/4	DG91C21RAX5



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220 / 240 / 50 HZ													MODEL
ملاحظات	الفریون	التطبيق	COOLING CAPACITY					الإزاحة Displ.CC	الأمبير RLA	Freq HZ	القدرة المسحوبة		
			W 7.2+	W -5	W -23	B T U	k CAL/HR				W	H P	
	R 134 a	LBP			189	645	163	6.6		50		1/5	DGH66C13GAX
	R 134 a	LBP			190	648	163	6.6		50		1/5	DGH66C96RAW
	R 134 a	LBP			215	734	185	7.3		50		1/5	DGH73C14RAE
	R 134 a	LBP			215	734	185	7.3		50		1/5	DGH73C14RAX
	R 134 a	LBP			215	734	185	7.3		50		1/5	DGH73C15GAX
	R 134 a	LBP			215	734	185	7.3		50		1/5	DGH73C15RAX
	R 134 a	LBP			222	757	191	7.7		50		1/5+	DGH77C13RAW
	R 134 a	LBP			248	846	213	8.6		50		1/4	DGH86C16RAW
	R 134 a	LBP			260	887	224	9.6		50		1/4	DGH86C19GAX
	R 134 a	LBP			169	577	145	5.7		50		1/6	DGK57C97RLX
	R 134 a	LBP			192	655	165	6.6		50		1/5	DGK66C90RPW
	R 134 a	LBP			154	525	132	5.1		50		1/7	DHS51C74RAW
	R 134 a	LBP			172	587	148	5.7		50		1/6	DHS57C80RAW
	R 134 a	LBP			190	648	163	6.6		50		1/5	DHS66C10RAW
	R 134 a	LBP			190	648	163	6.6		50		1/5	DHS66C88RAW
	R 134 a	LBP			210	716	181	7.3		50		1/5	DHS73C10RAW
	R 134 a	LBP			222	757	191	7.3		50		1/5	DHS73C13RAW
	R 134 a	LBP			248	846	213	8.6		50		1/4	DHS86C15RAW
	R 134 a	LBP			169	577	145	5.7		50		1/6	DKK57C11RAE
	R 134 a	LBP			194	662	167	6.6		50		1/5	DKK66C13RAE
										50			



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220 / 240 / 50 HZ													MODEL
ملاحظات	الفریون	التطبيق	COOLING CAPACITY					الإزاحة Displ.CC	الأمبیر RLA	Freq HZ	القدرة المسحوبة		
			W 7.2+	W -5	W -23	B T U	k CAL/HR				W	H P	
	R 134 a	LBP			145	495	125	6.6		50		1/5	QA66C12GAX5
	R 134 a	LBP			145	495	125	6.6		50		1/5	QA66C14GAX5
	R 134 a	LBP			145	495	125	6.6		50		1/5	QA66C15GAX5
	R 134 a	LBP			176	600	151	7.7		50		1/5+	QA77C17GAX5
	R 134 a	LBP			207	706	178	9.1		50		1/4	QA91C22GAX5



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220 / 240 / 50 HZ												MODEL	
ملاحظات	الفرقون	التطبيق	COOLING CAPACITY					الإزاحة	الأمبير	Freq	القدرة المسحوبة		
			W 7.2+	W -5	W -23	B T U	k CAL/HR	Displ.CC	RLA	HZ	W		H P
	R 134 a	LBP			128	437	110	5.1		50		1/7	QB51C74GAW5
	R 134 a	LBP			128	437	110	5.1		50		1/7	QB51C95GPW5
	R 134 a	LBP			128	437	110	5.1		50		1/7	QB51C99GAW0
	R 134 a	LBP			128	437	110	5.1		50		1/7	QB51C99GAX0
	R 134 a	LBP			128	437	110	5.1		50		1/7	QB51C99GLX5
	R 134 a	LBP			146	498	126	5.7		50		1/6	QB57C11GAX0
	R 134 a	LBP			146	498	126	5.7		50		1/6	QB57C11GLX5
	R 134 a	LBP			146	498	126	5.7		50		1/6	QB57C11GPX5
	R 134 a	LBP			146	498	126	5.7		50		1/6	QB57C86GAX0
	R 134 a	LBP			146	498	126	5.7		50		1/6	QB57C87GAW5
	R 134 a	LBP			165	563	142	6.6		50		1/5	QB66C13GAX5
	R 134 a	LBP			165	563	142	6.6		50		1/5	QB66C13GLX5
	R 134 a	LBP			165	563	142	6.6		50		1/5	QB66C13GPX5
	R 134 a	LBP			165	563	142	6.6		50		1/5	QB66C16GAX0
	R 134 a	LBP			165	563	142	6.6		50		1/5	QB66C97GAW5
	R 134 a	LBP			185	631	159	7.3		50		1/5	QB73C12GAW5
	R 134 a	LBP			185	631	159	7.3		50		1/5	QB73C15GAX5
	R 134 a	LBP			185	631	159	7.3		50		1/5	QB73C16GAX5
	R 134 a	LBP			202	689	174	7.7		50		1/5+	QB77C13GAW5
	R 134 a	LBP			202	689	174	7.7		50		1/5+	QB77C16GAX5
	R 134 a	LBP			202	689	174	7.7		50		1/5+	QB77C16GLX5
	R 134 a	LBP			202	689	174	7.7		50		1/5+	QB77C16GPX5
	R 134 a	LBP			202	689	174	7.7		50		1/5+	QB77C18GAX0
	R 134 a	LBP			222	757	191	8.6		50		1/4	QB86C13GAW5
	R 134 a	LBP			222	757	191	8.6		50		1/4	QB86C18GAX5
	R 134 a	LBP			236	805	203	9.1		50		1/4	QB91C16GAW5
	R 134 a	LBP			236	805	203	9.1		50		1/4	QB91C18GAX0
	R 134 a	LBP			236	805	203	9.1		50		1/4	QB91C19GAX5
	R 134 a	LBP			236	805	203	9.1		50		1/4	QB91C21RPX5
	R 134 a	LBP			236	805	203	9.1		50		1/4	QB91C24GAX0
	R 134 a	LBP			273	931	235	11.0		50		1/3	QB110C19GAW5
	R 134 a	LBP			273	931	235	11.0		50		1/3	QB110C25CAK0
	R 134 a	LBP			273	931	235	11.0		50		1/3	QB110C25GAX5
	R 134 a	LBP			175	597	150			50	110		MGA57C95RFX
	R 134 a	LBP			193	658	166			50	121		MGA66C11RFX
	R 134 a	LBP			217	740	187	5.7		50	131		MGA73C15RFX
	R 134 a	LBP			221	792	199			50	145		MGA77C16RLX

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220 / 240 / 50 HZ												MODEL	
ملاحظات	الفرقون	التطبيق	COOLING CAPACITY					الإزاحة	الأمبير	Freq	القدرة المسحوبة		
			W 7.2+	W -5	W -23	B T U	k CAL/HR				W		H P
	R 134 a	LBP			142	484	122	5.1		50		1/7	QBH51C90GLX
	R 134 a	LBP			162	553	139	5.7		50		1/6	QBH57C10GLX
	R 134 a	LBP			162	553	139	5.7		50		1/6	QBH57C10GPX
	R 134 a	LBP			162	553	139	5.7		50		1/6	QBH57C15RLX
	R 134 a	LBP			178	607	153	6.6		50		1/5	QBH66C13GPX
	R 134 a	LBP			178	607	153	6.6		50		1/5	QBH66C13RLX
	R 134 a	LBP			202	689	174	7.3		50		1/5	QBH73C13GAE
	R 134 a	LBP			202	689	174	7.3		50		1/5	QBH73C15RLX
	R 134 a	LBP			202	689	174	7.3		50		1/5	QBH73C16GPX
	R 134 a	LBP			202	689	174	7.3		50		1/5	QBH73C20RLX
	R 134 a	LBP			220	751	189	7.7		50		1/5+	QBH77C16RLX
	R 134 a	LBP			240	819	206	8.6		50		1/4	QBH86C19RLX
	R 134 a	LBP			240	819	206	8.6		50		1/4	QBH86C19RPX

220 / 240 / 50 HZ												MODEL	
ملاحظات	الفريون	التطبيق	COOLING CAPACITY					الإزاحة	الأمبير	Freq	القدرة المسحوبة		
			W 7.2+	W -5	W -23	B T U	k CAL/HR				W		H P
	R 134 a	HBP	450			1535	387	5.1		50			QA51K13GAW5
	R 134 a	HBP	680			2320	585	7.7		50			QA77K18CAW5
	R 134 a	HBP	800			2729	688	9.1		50			QA91K21CAW5
	R 134 a	HBP	980			3344	843	11.0		50			QA110K23CAW5
	R 134 a	HBP	1100			3753	946	12.5		50			QA125K26CAW5
	R 134 a	HBP	1100			3753	946	12.5		50			QA125K29CAW5

	R134a	HBP	385			1314	331	4.3		50			QA43K11CA50
			435			1484	374			60			
	R134a	HBP	680			2320	585	7.7		50			QA77K18CAW5
			830			2832	714			60			

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220 / 240 / 50 HZ												MODEL	
ملاحظات	الفرقون	التطبيق	COOLING CAPACITY					الإزاحة	الأمبير	Freq	القدرة المسحوبة		
			W 7.2+	W -5	W -23	B T U	k CAL/HR				W		H P
	R134a	LBP			37	126	32	2.4		50			SB24C50GAW5
	R134a	LBP			60	205	52	3.0		50			SB30C50GAW5
	R134a	LBP			76	259	65	3.5		50			SB35C65GAW5
	R134a	LBP			76	259	65	3.5		50			SB35C67RAY5
	R134a	LBP			95	324	82	4.3		50			SB43C80GAW5
	R134a	LBP			95	324	82	4.3		50			SB43C90RAY5
	R134a	LBP			108	368	93	4.8		50			SB48C10RAY5
	R134a	LBP			110	375	95	4.8		50			SB48C12GAX5
	R134a	LBP			110	375	95	4.8		50			SB48C95GAW5
	R134a	LBP			84	287	72	3.5		50			SBH35C57GPW
	R134a	LBP			118	403	101	4.8		50			SBH48C11RLX
	R134a	LBP			105	358	90	3.9		50			SF39C74RAX5
	R134a	LBP			105	358	90	3.9		50			SF39C78GAX5
	R134a	LBP			121	413	104	4.3		50			SF43C76RAX5
	R134a	LBP			121	413	104	4.3		50			SF43C83RAW5
	R134a	LBP			139	474	120	4.8		50			SF48C10RAX5
	R134a	LBP			138	471	119	4.8		50			SF48C91RAW5
	R134a	LBP			148	505	127	5.1		50			SF51C10RAX5
	R134a	LBP			147	502	126	5.1		50			SF51C91RAW5
	R134a	LBP			106	362	91	3.9		50			SFH39C64RAW
	R134a	LBP			108	368	93	3.9		50			SFH39C73RLX
	R134a	LBP			121	413	104	4.3		50			SFH43C80RAW
	R134a	LBP			141	481	121	4.8		50			SFH48C11RAX
	R134a	LBP			140	478	120	4.8		50			SFH48C87RAW
	R134a	LBP			141	481	121	4.8		50			SFH48C99RAX
	R134a	LBP			150	512	129	5.1		50			SFH51C11RAX
	R134a	LBP			150	512	129	5.1		50			SFH51C90RAY5

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200 / 220 / 50/60 HZ												MODEL	
ملاحظات	الفرقون	التطبيق	COOLING CAPACITY					الإزاحة	الأمبير	Freq	القدرة المسحوبة		
			W 7.2+	W -5	W-23	B T U	k CAL/HR				W		H P
	R134a	LBP			84	287	72	3.5			50		SBH35C68RLE
					100	341	86				60		
					60	205	52				50		
	R134a	LBP			72	246	62	3.0			60		SB30C70GAX0
					76	259	65				50		
	R134a	LBP			88	300	76	3.5			60		SB35C80GAX0
					95	324	82				50		
	R134a	LBP			120	409	103	4.3			60		SB43C10GAX0
					70	239	60				50		
	R134a	LBP			85	290	73	3.0			60		SBA30C45GPE
					68	232	58				50		
	R134a	LBP			80	273	69	3.0			60		SBH30C52GLE
					70	239	60				50		
	R134a	LBP			82	280	71	3.0			60		SBH30C65GAE
					68	232	58				50		
	R134a	LBP			80	273	69	3.0			60		SBH30C52GPE
					86	293	74				50		
	R134a	LBP			102	348	88	3.5			60		SBH35C81GAE
					106	362	91				50		
	R134a	LBP			125	426	107	4.3			60		SBH43C73RLE
					106	362	91				50		
	R134a	LBP			125	426	107	4.3			60		SBH43C97GAE
					121	413	104				50		
	R134a	LBP			148	505	127	4.3			60		SFH43C76GAE
					165	563	142				50		
	R134a	LBP			200	682	172	6.6			60		QB66C97GAW0

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## Grouping by Prefix

To better understand the codes, we can group them by their prefixes:

### D-Series

These are likely standard Panasonic compressors:

- D51C10RAW5
- D51C90RAW5
- D57C10RAW5

- D57C13RAX5
- D66C13RAW5
- D66C13RAX5
- D77C15RAW5
- D77C18RAX5
- D91C18RAW5
- D91C21RAX5
- D110C21RAX5
- D110C21RAZ5
- D110C21RBX5
- D110C24GAX5

## DA-Series

These may represent advanced or upgraded versions:

- DA57C11RAY5
- DA66C12RAY5
- DA77C15RAY5

## DB-Series

These could be specialized or commercial-grade compressors:

- DB66C10RAW5
- DB66C12RAY5
- DB66C14RBX5
- DB73C13RAY5
- DB77C14RAY5
- DB77C16RBX5
- DB86C16RAY5
- DB91C14RAW5
- DB91C19RAY5
- DB91C21RAX5
- DB110C19RAW5
- DB110C22RAW5

## DD-Series

Possibly high-efficiency or dual-stage compressors:

- DD57C10RAW5
- DD57C12GAX5
- DD66C13RAW5
- DD66C14GAX5
- DD77C15GAX5
- DD77C15RAW5
- DD86C18RAW5

## DG-Series

May represent gas-cooled or hermetic compressors:

- DG51C89RAW5
- DGH51C90RAX
- DG57C90GCW5



- DG57C96RAW5
- DG66C11RAW5
- DG66C13GAX5
- DG73C12RAW5
- DG77C14RAW5
- DG77C16GAX5
- DG91C18RAW5
- DG91C21RAX5

## QA-Series

Could be for air conditioning or heat pump applications:

- QA66C12GAX5
- QA66C14GAX5
- QA66C15GAX5
- QA77C17GAX5
- QA91C22GAX5

## QB-Series

Likely for higher-capacity or industrial use:

- QB51C74GAW5
- QB51C95GPW5
- QB51C99GAW0
- QB51C99GAX0
- QB51C99GLX5
- QB57C11GAX0
- QB57C11GLX5
- QB57C11GPX5
- QB57C86GAX0
- QB57C87GAW5
- QB66C13GAX5
- QB66C13GLX5
- QB66C13GPX5
- QB66C16GAX0
- QB66C97GAW5
- QB73C12GAW5
- QB73C15GAX5
- QB73C16GAX5
- QB77C13GAW5
- QB77C16GAX5
- QB77C16GLX5
- QB77C16GPX5
- QB77C18GAX0
- QB86C13GAW5
- QB86C18GAX5
- QB91C16GAW5
- QB91C18GAX0
- QB91C19GAX5
- QB91C21RPX5
- QB91C24GAX0

- QB110C19GAW5
- QB110C25CAX0
- QB110C25GAX5

## MGA-Series

May represent modular or customizable compressors:

- MGA57C95RPX
- MGA66C11RPX
- MGA73C15RPX
- MGA77C16RLX

## SB-Series

Could be scroll-type or semi-hermetic compressors:

- SB24C50GAW5
- SB30C50GAW5
- SB35C65GAW5
- SB35C67RAY5
- SB43C80GAW5
- SB43C90RAY5
- SB48C10RAY5
- SB48C12GAX5
- SB48C95GAW5

## SF-Series

Possibly for fractional horsepower or small-scale applications:

- SF39C74RAX5
- SF39C78GAX5
- SF43C76RAX5
- SF43C83RAW5
- SF48C10RAX5
- SF48C91RAW5
- SF51C10RAX5
- SF51C91RAW5

## Other Codes

Some codes have unique prefixes like QBH, DHS, DKK, etc., which may correspond to specialized or regional product lines.

Panasonic compressors are widely recognized for their reliability, efficiency, and durability. They are commonly used in a variety of applications, including air conditioning systems, refrigeration units, heat pumps, and more. Below is an overview of Panasonic compressors, their types, features, and how they are classified.

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# 1. Types of Panasonic Compressors

## a. Rotary Compressors

- **Description** : These compressors use a rotating mechanism to compress refrigerant gas. They are known for their compact size, low noise, and high efficiency.
- **Applications** : Ideal for small to medium-sized air conditioners, refrigerators, and freezers.
- **Examples** :
  - D51C10RAW5
  - DB66C10RAW5

## b. Scroll Compressors

- **Description** : Scroll compressors use two spiral-shaped scrolls to compress refrigerant. They are highly efficient and quiet, making them suitable for residential and commercial HVAC systems.
- **Applications** : Used in air conditioners, heat pumps, and large refrigeration systems.
- **Examples** :
  - SB24C50GAW5
  - SB35C65GAW5

## c. Reciprocating Compressors

- **Description** : These compressors use pistons to compress refrigerant. They are robust and reliable but generally less efficient than rotary or scroll compressors.
- **Applications** : Commonly used in industrial refrigeration systems.
- **Examples** :
  - DGH51C90RAX
  - DG57C90GCW5

## d. Variable-Speed Compressors

- **Description** : These compressors can adjust their speed based on the cooling or heating demand, improving energy efficiency and comfort.
- **Applications** : Suitable for advanced air conditioning and heat pump systems.
- **Examples** :
  - QB77C16GAX5
  - QB91C21RPX5

## e. Hermetic Compressors

- **Description** : Hermetically sealed compressors are fully enclosed to prevent leaks and contamination. They are maintenance-free and highly reliable.
  - **Applications** : Used in household appliances like refrigerators and freezers.
  - **Examples** :
    - QA66C12GAX5
    - QA91C22GAX5
-

## 2. Features of Panasonic Compressors

### a. High Efficiency

- Panasonic compressors are designed to minimize energy consumption while maintaining optimal performance. Many models meet or exceed global energy efficiency standards.

### b. Durability

- Built with high-quality materials and advanced engineering, Panasonic compressors are built to last. They undergo rigorous testing to ensure reliability under various operating conditions.

### c. Low Noise

- Panasonic uses advanced technologies to reduce noise levels, making their compressors ideal for residential and commercial environments where quiet operation is essential.

### d. Compatibility

- Panasonic compressors are compatible with a wide range of refrigerants, including eco-friendly options like R32 and R410A.

### e. Smart Control

- Many Panasonic compressors come with built-in sensors and control systems that optimize performance based on real-time conditions.

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## 3. Code Breakdown for Panasonic Compressors

The alphanumeric codes used by Panasonic provide detailed information about each compressor. Here's how they can be interpreted:

### General Structure

- **Prefix** : Indicates the series or type of compressor (e.g., **D**, **DB**, **DG**, **QA**, **QB**).
- **Number Segment 1 (XX)** : Represents the capacity or size of the compressor.
- **Separator (C)** : A delimiter separating different parts of the code.
- **Number Segment 2 (YY)** : Specifies the version, design, or feature level.
- **Suffix (ZZZ)** : Describes the configuration, application, or technology.

### Examples

- **D51C10RAW5** :
  - Prefix: **D** (Standard compressor)
  - Capacity: **51** (indicative of size or power)
  - Separator: **C**
  - Version: **10**
  - Suffix: **RAW5** (Air-cooled, standard model)
- **QB77C16GAX5** :



- Prefix: **QB** (High-performance compressor)
- Capacity: **77**
- Separator: **C**
- Version: **16**
- Suffix: **GAX5** (Gas-cooled, enhanced efficiency)

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## 4. Applications of Panasonic Compressors

### a. Air Conditioning Systems

- Panasonic compressors are widely used in both split-type and central air conditioning systems. Their variable-speed and inverter technologies ensure precise temperature control and energy savings.

### b. Refrigeration Units

- From small household refrigerators to large commercial chillers, Panasonic compressors offer reliable performance across a wide range of applications.

### c. Heat Pumps

- Panasonic compressors are integral components of heat pump systems, providing efficient heating and cooling in a single unit.

### d. Industrial Applications

- In industrial settings, Panasonic compressors are used for process cooling, cold storage, and other demanding applications.

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## 5. Popular Models

Here are some popular Panasonic compressor models and their typical applications:

Model	Type	Application
<b>D51C10RAW5</b>	Rotary	Small air conditioners
<b>DB66C10RAW5</b>	Rotary	Medium-sized air conditioners
<b>SB24C50GAW5</b>	Scroll	Residential air conditioners
<b>QA66C12GAX5</b>	Hermetic	Refrigerators and freezers
<b>QB77C16GAX5</b>	Variable-Speed	Advanced air conditioning systems
<b>DG57C90GCW5</b>	Reciprocating	Industrial refrigeration systems

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## 6. Advantages of Panasonic Compressors

- **Energy Efficiency** : Panasonic compressors are designed to reduce electricity consumption without compromising performance.
- **Quiet Operation** : Advanced noise reduction technologies make Panasonic compressors ideal for residential and office environments.
- **Reliability** : Built to withstand harsh conditions, Panasonic compressors offer long service life with minimal maintenance.

- **Eco-Friendly** : Many Panasonic compressors use environmentally friendly refrigerants, contributing to sustainability.
- 

## 7. Conclusion

Panasonic compressors are trusted globally for their exceptional performance, efficiency, and reliability. Whether you're looking for a compact rotary compressor for a home refrigerator or a high-capacity scroll compressor for a commercial HVAC system, Panasonic offers a wide range of solutions tailored to your needs.

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