

# R134a QB Series PANASONIC Air Conditioner Compressor ,ALL Application & Refrigerant LBP R134a

Category: Technologie, Tester ok

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**PANASONIC**

Application & Refrigerant LBP R134a

Voltage	Model	Displacement <sup>m3</sup>	*2)Capacity(W) temperature (□)	Evaporating temperature (□)	*3)C.O.P. Run	*4)Motor type	Com pre sso rCo oli ng* 5□	Net weight Kg	Oil Change <sup>m3</sup>	FC	ST/FC	OC	ST/FC	OC
-30	-25	-23.3	-20	-15	N0	YES	RSIR/RSCR	ST	OC	FC	ST/FC	OC	ST/FC	OC
*6)100V50/60Hz	QB57C88RA00	5.65	118	161	178	213	271	1.27	1.33	CSIR	0	0	9.1	250
	QB66C12CA00	6.55	119	164	185	219	293	1.19	1.37	RSIR/RSCR	0	0	8.8	250
	QB57C13RA00	6.55	133	182	200	239	304	1.28	1.35	CSCR	0	0	9.4	250
	QB86C18TA00	8.56	170	226	248	295	376	1.21	1.35	CSIR	0	0	9.9	280
	QB91C18CA00	9.07	163	226	251	303	394	1.21	1.21	RSIR	0	0	9.6	280
220V50Hz	QB66C13GAX5	6.55	108	149	165	200	263	1.23	1.23	RSIR	0	0	9.2	250
	QB73C15GAX5	7.27	121	167	185	224	294	1.23	1.23	RSIR	0	0	9.7	250
	QB77C16GAX5	7.69	131	182	202	245	319	1.26	1.26	RSIR	0	0	9.8	300
	QB86C18GAX5	8.56	145	200	222	268	347	1.26	1.26	RSIR	0	0	9.9	300
	QB91C19GAX5	9.07	154	213	236	285	372	1.29	1.29	RSIR	0	0	10.2	300
	QB110C25GAX5	10.86	176	246	273	331	432	1.18	1.18	RSIR	0	0	10.4	300
*4)220V-240V50Hz	QB51C74GAW5	5.1	84	116	128	153	196	1.21	1.21	RSIR	0	0	8.7	250
	QB57C87GAW5	5.65	97	132	146	175	225	1.23	1.23	RSIR	0	0	8.7	250
	QB66C97GAW5	6.55	108	149	165	200	263	1.25	1.25	RSIR	0	0	9.0	300
	QB73C12GAW5	7.27	121	167	185	224	294	1.26	1.26	RSIR	0	0	9.4	300
	QB77C13GAW5	7.69	131	182	202	245	319	1.27	1.27	RSIR	0	0	9.8	300
	QB86C13GAW5	8.56	145	200	222	268	347	1.27	1.27	RSIR	0	0	9.9	300
	QB91C16GAW5	9.07	154	213	236	285	372	1.28	1.28	RSIR	0	0	10.0	300
	QB110C19GAW5	10.86	176	246	273	331	432	1.22	1.22	RSIR	0	0	10.4	300
*6)220V50/60Hz	QB51C99GAX0	5.10	104	142	157	188	240	1.21	1.21	RSIR	0	0	8.7	250
	QB57C11GAX0	5.65	117	159	175	210	270	1.25	1.25	RSIR	0	0	8.9	250
	QB66C16GAX0	6.55	131	180	200	244	325	1.31	1.31	RSIR	0	0	9.8	300
	QB77C18GAX0	7.69	145	202	224	272	354	1.31	1.31	RSIR	0	0	10.0	300
	QB91C24GAX0	9.07	162	226	255	320	445	1.26	1.26	RSIR	0	0	10.3	300
220V60Hz	QB51C11GAX6	5.10	99	141	157	191	247	1.18	1.18	RSIR	0	0	8.7	250
	QB57C13GAX6	5.65	112	158	175	211	271	1.18	1.18	RSIR	0	0	8.9	250
	QB66C15GAX6	6.55	137	183	200	236	298	1.24	1.24	RSIR	0	0	9.4	300
	QB73C16GAX6	7.27	145	193	213	256	333	1.25	1.25	RSIR	0	0	9.5	300
	QB77C18GAX6	7.69	153	204	224	268	347	1.22	1.22	RSIR	0	0	9.6	300
	QB86C21GAX6	8.56	159	223	248	301	392	1.23	1.23	RSIR	0	0	10.1	300
	QB91C21GAX6	9.07	175	232	255	305	395	1.22	1.22	RSIR	0	0	10.1	300

Notes:

- 1)  $W = \text{Capacity}(\text{kcal/h}) / 0.860$
- 2)  $\text{C.O.P.} = \text{Capacity}(\text{kcal}) / 0.860 / (\text{Motor in ut W})$
- 3) RSIR Resistance Start Induction Run  
RSCR Resistance Start Capacitor
- 4) Based on 220V
- 5) ST Static cooling  
OC Oil cooling  
FC Fan cooling
- 6) Based on 60Hz

Test conditions (ASHRAE Condition) R134a R600a

LBP	HBP	LBP
Evaporating temperature	-23.3□	7.2□ -23.3□
Condensing temperature	54.4□	54.4□ 54.4□
Gas superheated to	32.2□	35.0□ 32.2□

Liquid subcooled to  
Ambient temperature

32.2 46.1 32.2

32.2 35.0 32.2

