# 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 | Displacementm³ | *2)Capacity(W)Evaporating temperature (□) | | *3□.O.PRun capa | *4)Motor type | Compressor Cooling*5□ | Net weight Kg | Oil Changecm³ | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -30 | -25 | -23.3 | -20 | | -15 | NO | 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 | – | RSIR/RSCR | – | – | 0 | 8.8 | – 250 – |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QB57C13RA00 | 6.55 | 133 | 182 | 200 | 239 | 304 | 1.28 | 1.37 | CSCR | O | – | O | 9.4 | – | 250 | – | | |
| QB86C18TA00 | 8.56 | 170 | 226 | 248 | 295 | 376 | – | 1.35 | CSIR | – | – | O | 9.9 | – | 280 | – | | |
| QB91C18CA00 | 9.07 | 163 | 226 | 251 | 303 | 394 | – | 1.21 | RSIR | – | – | O | 9.6 | – | 280 | – | | |
| 220V50Hz | QB66C13GAX5 | 6.55 | 108 | 149 | 165 | 200 | 263 | 1.23 | – | RSIR | O | _ | – | 9.2 | – | 250 | – | |
| QB73C15GAX5 | 7.27 | 121 | 167 | 185 | 224 | 294 | 1.23 | – | RSIR | O | O | – | 9.7 | 9.9 | 250 | 300 | | |
| QB77C16GAX5 | 7.69 | 131 | 182 | 202 | 245 | 319 | 1.26 | – | RSIR | O | O | – | 9.8 | 10 | 250 | 300 | | |
| QB86C18GAX5 | 8.56 | 145 | 200 | 222 | 268 | 347 | 1.26 | – | RSIR | O | O | O | 9.9 | 10.1 | 250 | 300 | | |
| QB91C19GAX5 | 9.07 | 154 | 213 | 236 | 285 | 372 | 1.29 | – | RSIR | – | O | O | 10.2 | 10.5 | 250 | 300 | | |
| QB110C25GAX5 | 10.86 | 176 | 246 | 273 | 331 | 432 | 1.18 | – | RSIR | – | O | O | 10.4 | 10.6 | 250 | 300 | | |
| *4)220V-240V50Hz | QB51C74GAW5 | 5.1 | 84 | 116 | 128 | 153 | 196 | 1.21 | – | RSIR | O | – | – | 8.7 | – | 250 | – | |
| QB57C87GAW5 | 5.65 | 97 | 132 | 146 | 175 | 225 | 1.23 | – | RSIR | O | – | – | 8.7 | – | 250 | – | | |
| QB66C97GAW5 | 6.55 | 108 | 149 | 165 | 200 | 263 | 1.25 | – | RSIR | O | O | – | 9.0 | 9.2 | 250 | 300 | | |
| QB73C12GAW5 | 7.27. | 121 | 167 | 185 | 224 | 294 | 1.26 | – | RSIR | O | O | – | 9.4 | 9.6 | 250 | 300 | | |
| QB77C13GAW5 | 7.69 | 131 | 182 | 202 | 245 | 319 | 1.27 | – | RSIR | O | O | O | 9.8 | 10 | 250 | 300 | | |
| QB86C13GAW5 | 8.56 | 145 | 200 | 222 | 268 | 347 | 1.27 | – | RSIR | – | O | O | 9.9 | 10.1 | 250 | 300 | | |
| QB91C16GAW5 | 9.07 | 154 | 213 | 236 | 285 | 372 | 1.28 | – | RSIR | – | O | O | 10.0 | 10.2 | 250 | 300 | | |
| QB110C19GAW5 | 10.86 | 176 | 246 | 273 | 331 | 432 | 1.22 | – | RSIR | – | O | O | 10.4 | 10.6 | 250 | 300 | | |
| *6)220V50/60Hz | QB51C99GAX0 | 5.10 | 104 | 142 | 157 | 188 | 240 | 1.21 | – | RSIR | O | _ | O | 8.7 | – | 250 | – | |
| QB57C11GAX0 | 5.65 | 117 | 159 | 175 | 210 | 270 | 1.25 | – | RSIR | O | – | O | 8.9 | – | 250 | – | | |
| QB66C16GAX0 | 6.55 | 131 | 180 | 200 | 244 | 325 | 1.31 | – | RSIR | O | O | O | 9.8 | 10 | 250 | 300 | | |
| QB77C18GAX0 | 7.69 | 145 | 202 | 224 | 272 | 354 | 1.31 | – | RSIR | – | O | O | 10.0 | 10.2 | 250 | 300 | | |
| QB91C24GAX0 | 9.07. | 162 | 226 | 255 | 320 | 445 | 1.26 | – | RSIR | – | O | O | 10.3 | 10.5 | 250 | 300 | | |
| 220V60Hz | QB51C11GAX6 | 5.10 | 99 | 141 | 157 | 191 | 247 | 1.18 | – | RSIR | O | _ | – | 8.7 | – | 250 | – | |
| QB57C13GAX6 | 5.65 | 112 | 158 | 175 | 211 | 271 | 1.18 | – | RSIR | O | – | – | 8.9 | – | 250 | – | | |
| QB66C15GAX6 | 6.55 | 137 | 183 | 200 | 236 | 298 | 1.24 | – | RSIR | O | O | O | 9.4 | 9.6 | 250 | 300 | | |
| QB73C16GAX6 | 7.27 | 145 | 193 | 213 | 256 | 333 | 1.25 | – | RSIR | O | O | O | 9.5 | 9.7 | 250 | 300 | | |
| QB77C18GAX6 | 7.69 | 153 | 204 | 224 | 268 | 347 | 1.22 | – | RSIR | – | O | O | 9.6 | 9.8 | 250 | 300 | | |
| QB86C21GAX6 | 8.56 | 159 | 223 | 248 | 301 | 392 | 1.23 | – | RSIR | – | O | O | 10.1 | 10.3 | 250 | 300 | | |
| QB91C21GAX6 | 9.07 | 175 | 232 | 255 | 305 | 395 | 1.22 | – | RSIR | – | O | O | 10.1 | 10.3 | 250 | 300 | | |

Notes:

1) W=Capacity(kcal/h)/0.860

2) C.O.P.=Capacity(kcal)/0.860/(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 | 32.2□ | 46.1□ 32.2□ |
| Anbient temperature | 32.2□ | 35.0□ 32.2□ |




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