

# QA77K18CAW5

Category: تقنية

14 | written by Mahdi MILED, نوفمبر 2024

Panasonic

R134a QA series  
High Back Pressure

## Performance & dimensions

Application: High Back Pressure  
Refrigerant: R134a (CF<sub>3</sub>CH<sub>2</sub>F)  
Evaporator temp range: -5°C to 15 °C

| Rated voltage<br>/ Frequency        | Model        | ASHRAE   |      |           |         |          |       |           |        | Voltage range |
|-------------------------------------|--------------|----------|------|-----------|---------|----------|-------|-----------|--------|---------------|
|                                     |              | 50Hz     |      |           |         | 60Hz     |       |           |        |               |
|                                     |              | Capacity |      | COP - W/W |         | Capacity |       | COP - W/W |        |               |
| W                                   | kcal/hr      | RSIR     | CSIR | W         | kcal/hr | RSIR     | CSIR  |           |        |               |
| 100V<br>50Hz/60Hz                   | QA43K10CA00  | 385      | 331  | -         | 2.01    | 435      | 374   | -         | 2.10   | 90V-110V      |
|                                     | QA51K12CA00  | 450      | 387  | -         | 2.05    | 530      | 456   | -         | 2.09   |               |
|                                     | QA66K15CA00  | 580      | 499  | -         | 2.12    | 680      | 585   | -         | 2.19   |               |
|                                     | QA77K18CA00  | 680      | 585  | -         | 2.10    | 800      | 688   | -         | 2.12   |               |
|                                     | QA91K20TA00  | 800      | 688  | -         | 2.39 *  | 930      | 800   | -         | 2.37 * |               |
|                                     | QA110K24TA00 | 980      | 843  | -         | 2.32 *  | 1,150    | 989   | -         | 2.36 * |               |
|                                     | QA125K27TA00 | 1,100    | 946  | -         | 2.31 *  | 1,325    | 1,140 | -         | 2.30 * |               |
| 110V 60Hz                           | QA43K12SAT6  |          |      |           |         | 435      | 374   | 2.02      | -      | 88V-121V      |
| 110V-127V<br>60Hz<br>(Data at 127V) | QA51K11CAR6  |          |      |           |         | 530      | 456   | -         | 2.15   | 99V-140V      |
|                                     | QA66K13CAR6  |          |      |           |         | 680      | 585   | -         | 2.28   |               |
|                                     | QA110K30CAR6 |          |      |           |         | 1,150    | 989   | -         | 2.16   |               |
| 127V 60Hz                           | QA125K30CAR6 |          |      |           |         | 1,325    | 1,140 | -         | 2.08   | 114V-140V     |
| 220V-240V<br>50Hz                   | QA51K13GAW5  | 450      | 387  | 2.18      | -       |          |       |           |        | 195V-255V     |
|                                     | QA77K18CAW5  | 680      | 585  | -         | 2.34    |          |       |           |        |               |
|                                     | QA91K21CAW5  | 800      | 688  | -         | 2.27    |          |       |           |        |               |
|                                     | QA110K23CAW5 | 980      | 843  | -         | 2.30    |          |       |           |        |               |
|                                     | QA125K26CAW5 | 1,100    | 946  | -         | 2.18    |          |       |           |        |               |

| Condition                | ASHRAE  |
|--------------------------|---------|
| Condensing temperature:  | 54.4 °C |
| Evaporating temperature: | 7.2 °C  |
| Gas superheated to:      | 35.0 °C |
| Liquid subcooled to:     | 46.1 °C |

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HBp 680w 1/4 hp

الضاغط QA77K18CAW5 من باناسونيك يُصنف عادةً بقدرة 1/4 حصان. تم تصميم هذا الطراز للاستخدام في تطبيقات الضغط العالي ويعمل باستخدام

المبرد **R134a**. إنه مناسب لمجموعة متنوعة من أنظمة التبريد والتكييف، مما يجعله خيارًا متعدد الاستخدامات لاحتياجات التكييف.

## المواصفات الرئيسية:

- **الموديل:** QA77K18CAW5
- **قدرة الطاقة:** 1/4 حصان
- **المبرد:** R134a
- **الفولتية:** 220 فولت - 240 فولت
- **التردد:** 50 هرتز

يعتبر هذا الضاغط جزءًا من سلسلة QA من باناسونيك، المعروفة بكفاءتها وموثوقيتها في تطبيقات التدفئة والتهوية وتكييف الهواء.



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