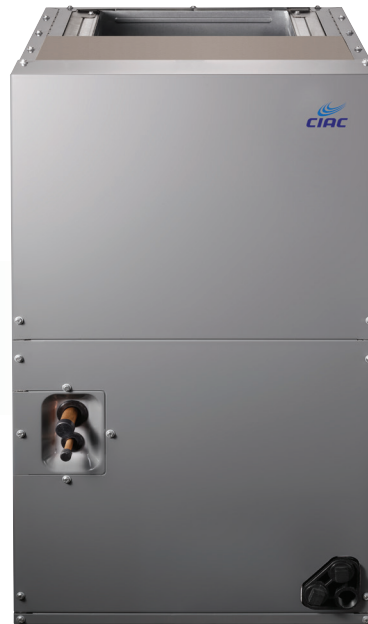




DUCTED AC SYSTEM

Standard Efficiency
60 Hz

R-410A
REFRIGERANT



*36KBTU model have a different grille

| TECHNICAL SPECIFICATION | | | CA41A-036-V3N1C* | CA41A-048-V3N1C | CA41A-060-V3N1C | CA41A-060-V5N1C |
|--------------------------------------|------------------------------|-------|-----------------------------|-------------------------|-------------------------|-------------------------|
| Outdoor Model Number | | | CA41A-036-V3N1C* | CA41A-048-V3N1C | CA41A-060-V3N1C | CA41A-060-V5N1C |
| Power supply | V-Ph-Hz | | 220~1-60 | 220~1-60 | 220~1-60 | 220~3-60 |
| Max. input consumption | W | | 5062 | 6937 | 7625 | 7700 |
| Max. current | A | | 23 | 31.5 | 34.6 | 23.4 |
| Compressor | EER | W/W | 2.66 | 2.53 | 2.54 | 2.54 |
| | Type | | Rotary | Scroll | Scroll | Scroll |
| | Brand | | Hitachi | Panasonic | Panasonic | Panasonic |
| | Capacity | Btu/h | 35314 | 48792 | 53910 | 54933 |
| | Input | W | 3680 | 4950 | 5650 | 5500 |
| | Rated current(RLA) | A | 18 | 22.3 | 25.8 | 18.1 |
| | Locked rotor Amp(LRA) | A | 85 | 139 | 139 | 153 |
| | Thermal protector position | | / | Internal | Internal | Internal |
| | Capacitor | uF | / | 60uF/450V | 60uF/450V | / |
| | Refrigerant oil | ml | 880 | 1400 | 1400 | 1700 |
| Outdoor fan motor | Qty | | 1 | 1 | 1 | 1 |
| | Input | W | 300 | 310 | 310 | 300 |
| | Capacitor | uF | 6 | 12uF/450V | 12uF/450V | -- |
| | Speed | r/min | 1100 | 1095 | 1095 | 1095 |
| Outdoor coil | Number of rows | | 1 | 1 | 1 | 1 |
| | Tube pitch(a)x row pitch(b) | mm | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 |
| | Fin spacing | mm | 1.3 | 1.3 | 1.3 | 1.3 |
| | Fin type | | Unhydrophilic aluminium | Unhydrophilic aluminium | Unhydrophilic aluminium | Unhydrophilic aluminium |
| | Tube outside dia.and type | mm | Φ7,Inner groove copper tube | Φ7,inner grooved tube | Φ7,inner grooved tube | Φ7,inner grooved tube |
| | Coil length x height x width | mm | 1588x714x13.37 | 2028x714x13.37 | 2028x798x13.37 | 2028x798x13.37 |
| Number of circuits | | 5 | 5 | 5 | 5 | |
| Outdoor air flow | m3/h | | 5100 | 7400 | 7400 | 7400 |
| Outdoor noise level (sound pressure) | dB(A) | | 67 | 65 | 64 | 64 |
| Outdoor unit | Dimension(WxDxH) | mm | 600x600x759 | 710x710x759 | 710x710x843 | 710x710x843 |
| | Packing (WxDxH) | mm | 628x628x794 | 738x738x794 | 738x738x872 | 738x738x872 |
| | Net/Gross weight | kg | 54.2/57.8 | 79/83.5 | 80/85 | 80/85 |
| Refrigerant | Type | | R410A | R410A | R410A | R410A |
| | Charged volume | kg | 1.65 | 2.1 | 2.2 | 2.2 |
| Design pressure | MPa | | 4.2/1.5 | 4.2/1.5 | 4.2/1.5 | 4.2/1.5 |
| Refrigerant piping | Liquid side/ Gas side | mm | Φ9.52/Φ19(3/8"/3/4") | Φ9.52/Φ19(3/8"/3/4") | Φ9.52/Φ19(3/8"/3/4") | Φ9.52/Φ19(3/8"/3/4") |
| | Max. refrigerant pipe length | m | 30 | 50 | 50 | 50 |
| | Max. difference in level | m | 20 | 25 | 25 | 25 |
| Ambient temperature | Cooling | °C | 0~50 | 18~43 | 18~43 | 18~43 |
| Qty'per 20' /40' /40'HQ | (outdoor unit) | | 54/114/171 | 42/96/144 | 42/96/142 | 42/96/142 |

DUCTED AC SYSTEM

Standard Efficiency
60 Hz



*36KBTU model have a different grille

TECHNICAL SPECIFICATIONS

| Indoor Unit Number | | | CB41A-036-M3N1C | CB41A-048-M3N1C | CB41A-060-M3N1C |
|-------------------------|----------------------------|----------|-----------------------|-----------------------|-----------------------|
| Power supply | | V- Ph-Hz | 220~1-60 | 220~1-60 | 220~1-60 |
| Cooling | Capacity | Btu/h | 36000 | 48000 | 55000 |
| | Test Capacity | W | 8953 | 12177 | 13954 |
| | Input | W | 3970 | 5560 | 6350 |
| Indoor fan motor | Qty | | 1 | 1 | 1 |
| | Input | W | 420/-/280 | 515/-/450 | 660/-/512 |
| | Capacitor | uF/ V | 15UF/450V | 12UF/450V | 12UF/450V |
| | Speed (Hi/Lo) | r/min | 1100/-/980 | 830/-/765 | 985/-/760 |
| Indoor coil | Number of rows | | 3 | 3 | 4 |
| | Tube pitch(a)×row pitch(b) | mm | 21x13.37 | 21x13.37 | 21x13.37 |
| | Fin spacing | mm | 1.3 | 1.3 | 1.3 |
| | Fin type | | Hydrophilic aluminium | Hydrophilic aluminium | Hydrophilic aluminium |
| | Tube outside dia.and type | mm | Φ7,inner grooved tube | Φ7,inner grooved tube | Φ7,inner grooved tube |
| | Coil length×height×width | mm | (415x336x40.11)x2 | (444x378x40.11)x2 | (444x378x53.48)x2 |
| | Number of circuits | | 6 | 6 | 8 |
| Indoor air flow | | m3/h | 1539 | 2182 | 2394 |
| | | CFM | 906 | 1284 | 1409 |
| ESP | Rated | Pa | 37 | 50 | 50 |
| | Range | Pa | 0-140 | 0-180 | 0-180 |
| Indoor noise level (Hi) | | dB(A) | 55 | 54 | 55 |
| Throttle type | | | / | / | / |
| Indoor unit | Dimension (W×H×D) | mm | 460x520x774 | 500x550x970 | 500x550x970 |
| | Packing (W×H×D) | mm | 520x565x835 | 560x595x1030 | 560x595x1030 |
| | Net/Gross weight | kg | 39/42 | 48/52 | 51/55 |
| Design pressure | | MPa | 4.2/1.5 | 4.2/1.5 | 4.2/1.5 |
| Draining pipe dimension | | mm | RC3/4" | RC3/4" | RC3/4" |
| Refrigerant piping | Liquid side/ Gas side | mm | Φ9.52/Φ19(3/8"/3/4") | Φ9.52/Φ19(3/8"/3/4") | Φ9.52/Φ19(3/8"/3/4") |
| Qty'per 20' /40' /40'HQ | | | 88/184/275 | 80/164/164 | 80/164/164 |



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