



21CK Series VOUGE Ultra Cassette 4 Way Cooling Split System



SPECIFICATIONS | 60Hz

21 CK Series
VOUGE Ultra Cassette
4 Way Cooling
Cooling : 18,000 - 60,000 Btuh (5.3-17.5 kW)

INDOOR UNIT FEATURES

- ✓ 24 Volt Control Circuit
- ✓ Coaxial Turbo Fan
- ✓ Built in Drain Pump
- ✓ Auto Swing Louvers
- ✓ Accurator / Piston Refrigerant Control
- ✓ 4 Way Distribution
- ✓ Cleanable Catridge Filters
- ✓ Easy Connect Flare Connections

Notes:

1. Nominal capacities are based on ARI standards 210 / 240 - 89, air entering the indoor coil for cooling at 80/67 ° F (27/19 ° C) , DB/WB indoor & 95 ° F (35 ° C) ambient temperature.operating at high fan speed for 220-240 volt, 60 Hz operation.
2. Ratings are based on indoor and outdoor units connected by 16 ft (5 m) of tubing.
3. Refrigerant metering device is installed in the outdoor unit as standard.
4. Flare fittings are provided for connecting indoor and outdoor units.
5. Insulation of both liquid and suction line is required.
6. Outdoor units are shipped with full operating charge.
7. For details of model number nomenclature, please refer to publication DCTNOM-50314

| MODEL NO. | 21CK | | 018C | 024C | 036C | 048C | 060C |
|---|-------------------------|-------------------|--|--------------|-------------------|---------------|---------------|
| | | | 24-053DWC | 24-070DWC | 24-105DWC | 24-140DWC | 24-175DWC |
| Cooling Capacity Nominal | | Btuh (kW) | 18,000 (5.3) | 24,000 (7.0) | 36,000 (10.5) | 48,000 (14.0) | 60,000 (17.5) |
| Refrigerant Control | | | Accurator / Piston type @ Indoor unit | | | | |
| I N D O O R | Fan | | Coaxial Turbo Fan | | | | |
| | Type | | | | | | |
| | Speed | 3 | | 3 | 3 | 3 | 3 |
| | Motor | Watts | 60 | 155 | 200 | 200 | 200 |
| | Air Flow (Hi) | CFM (m³/hr) | 370 (630) | 738 (1250) | 972 (1650) | 972 (1650) | 972 (1650) |
| Noise Level (Hi) | dBA | 49 | 49 | 52 | 52 | 52 | |
| E L E C T R I C A L | Electrical | | 208-230/1/60 | | | | |
| | Voltage | | | | | | |
| | Range | min 187 - max 253 | | | min 198 - max 242 | | |
| FLA | 0.30 | | 0.72 | 0.95 | 0.95 | 0.95 | |
| Controls | | | Wireless Microprocessor LCD Remote Control | | | | |
| Refrigerant Type | | | R22/R410A | | | | |
| R E F R I G E R A N T | Refrigerant | | Flare | | | | |
| | Type | | | | | | |
| | Connections inches (mm) | | 3/8 (9.52) | 3/8 (9.52) | 3/8 (9.52) | 3/8 (9.52) | 3/8 (9.52) |
| Liquid | | 5/8 (15.8) | 5/8 (15.8) | 3/4 (19.0) | 3/4 (19.0) | 3/4 (19.0) | |
| Suction | | 1 1/4 (32) | | | | | |
| Drain Connections inches (mm) | 1 (25) | | 1 1/4 (32) | | | | |
| B O D Y | Body | | 9 (230) | 9 1/2 (240) | 12 1/2 (320) | 12 1/2 (320) | 12 1/2 (320) |
| | Height | | | | | | |
| | Dimensions inches (mm) | Width | 24 1/4 (630) | 33 (840) | 33 (840) | 33 (840) | 33 (840) |
| Depth | 24 1/4 (630) | | 33 (840) | 33 (840) | 33 (840) | 33 (840) | |
| Body Net Weight lbs (kgs) | 44 (20) | | 66 (30) | 84 (38) | 84 (38) | 84 (38) | |
| C E I L I N G | Ceiling Panel | | 1 1/2 (40) | 2 1/4 (60) | 2 1/4 (60) | 2 1/4 (60) | 2 1/4 (60) |
| | Height | | | | | | |
| | Dimensions inches (mm) | Width | 25 1/2 (650) | 37 1/2 (950) | 37 1/2 (950) | 37 1/2 (950) | 37 1/2 (950) |
| Depth | 25 1/2 (650) | | 37 1/2 (950) | 37 1/2 (950) | 37 1/2 (950) | 37 1/2 (950) | |
| Ceiling Panel Net Weight lbs (kgs) | 9 (4) | | 15 (7) | 15 (7) | 15 (7) | 15 (7) | |



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