

Primary Specifications

| | |
|-------------|------------------|
| BTUs | 31000 |
| Refrigerant | 410A |
| Hertz | 50 |
| Phase | 3 |
| Voltage | 380/420 |
| Oil | POE |
| Application | AIR CONDITIONING |

Performance

| | | |
|------------------------|--------|---------|
| Discharge/Suction Temp | 45/100 | 45/130 |
| RG./Liq (Fahrenheit) | 65/85 | 110/115 |
| BTUs per hour | 31400 | 25000 |
| Watts | 1680 | 2580 |
| Current/Amps | 3.5 | 4.6 |

Additional Information

| | |
|----------------|----------|
| Oil Charge | 25 |
| Oil Recharge | 21 |
| Discharge (in) | 1/2 STUB |
| Suction (in) | 3/4 STUB |

Electrical Information

| | |
|------------------------------|-----|
| LRA (Locked Rotor Amps) | 38 |
| MCC (Amps) | 8.5 |
| Max Operating Current | 6.5 |
| Run Load Amps Contactor | 4.7 |
| Run Load Amps Breaker & Wire | 4.2 |
| Run Capacitor (MFD) | 0 |
| Run Capacitor Voltage | 0 |
| Start Capacitor (MFD) | 0 |
| Start Capacitor Voltage | 0 |

Dimensions

| | |
|----------------------------|-------|
| Mounting Length/Width (in) | 7.5 |
| Mounting Height (in) | 16.02 |
| Overall Length/Width (in) | 9.56 |
| Overall Height (in) | 15.27 |
| Net Weight (Lbs) | 49.1 |



ARRCO Model Number Nomenclature Guide

Example Model # AR34KCM-BMV

| | | | | | | |
|-----------|---|---------------|---------------|----------------|---------------|---------------|
| A | ARRCO, LLC. | | | | | |
| R | Refrigerant R = R22,R407C A = 410A | | | | | |
| 34 | Nominal Capacity (BTU/h) @ 60 Hz 34 = 34,000 BTU/h 150 = 150,000 BTU/h | | | | | |
| KC | Model Variation | | | | | |
| M | Oil Type M = Mineral oil P = POE oil | | | | | |
| B | Phase B = Single phase, capacitor required permanent split capacitor H = Three phase, 3 lead single voltage/6 lead part winding | | | | | |
| M | Protection F = Internal motor protection, use with contactor W = External electronic protection | | | | | |
| V | Voltage | 60 Hz. | 50 Hz. | Voltage | 60 Hz. | 50 Hz. |
| | C | 208/230-3 | 200-3 | V | 208/230-1 | |
| | D | 460-3 | 380/420-3 | X | | |
| | E | 575-3 | | 5 | 200/230-3 | 200/220-3 |
| | J | 265-1 | 220/240-1 | 7 | 380-3 | |
| | M | | 380/420-3 | Z | | 220/240-1 |
| | R | | 220/240-3 | | | |

Disclaimer: All data shown above is subject to change and may be incorrect. To get accurate official data of compressor characteristics please contact us directly.