

## Primary Specifications

|             |                  |
|-------------|------------------|
| BTUs        | 42000            |
| Refrigerant | R407C            |
| Hertz       | 60               |
| Phase       | 1                |
| Voltage     | 208/230          |
| Oil         | POE              |
| Application | AIR CONDITIONING |

## Performance

|                        |        |        |
|------------------------|--------|--------|
| Discharge/Suction Temp | 45/130 | 45/100 |
| RG./Liq (Fahrenheit)   | 65/115 | 65/85  |
| BTUs per hour          | 40400  | 48700  |
| Watts                  | 3750   | 2520   |
| Current/Amps           | 17.6   | 12.5   |

## Additional Information

|                |          |
|----------------|----------|
| Oil Charge     | 42       |
| Oil Recharge   | 38       |
| Discharge (in) | 1/2 STUB |
| Suction (in)   | 3/4 STUB |

## Electrical Information

|                              |                   |
|------------------------------|-------------------|
| LRA (Locked Rotor Amps)      | 109               |
| MCC (Amps)                   | 28.6              |
| Max Operating Current        | 23.9              |
| Run Load Amps Contactor      | 20.42857143       |
| Run Load Amps Breaker & Wire | 18.33333333       |
| Run Capacitor (MFD)          | See Product Label |
| Run Capacitor Voltage        | 370/440           |
| Start Capacitor (MFD)        | 88                |
| Start Capacitor Voltage      | 330               |

## Dimensions

|                            |       |
|----------------------------|-------|
| Mounting Length/Width (in) | 7.5   |
| Mounting Height (in)       | 16.5  |
| Overall Length/Width (in)  | 9.69  |
| Overall Height (in)        | 16.25 |
| Net Weight (Lbs)           | 67    |



## ARRCO Model Number Nomenclature Guide

Example Model # AR34KCM-BMV

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