

FULL SPECIFICATION REPORT

COPELAND

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|               |               |                 |                     |
|---------------|---------------|-----------------|---------------------|
| Model No:     | 3DA3R10ME-TFD | Serial No:      | *****               |
| Refrigerant:  | R-404A        | Frequency (Hz): | 60                  |
| Voltage:      | 460           | Application:    | Med Temp. Low Cond. |
| Phase:        | 3             | Status:         | OEM Production      |
| Product Type: | Discus        |                 |                     |

Mechanical

|                             |                        |
|-----------------------------|------------------------|
| Overall Dimensions (in)     | 27.3L x 14.9W x 19.2H  |
| Mounting Dimensions (in)    | 15.0L x 12.0W          |
| Suction Size (in)/Type      | 1 3/8 Sweat            |
| Discharge Size (in)/Type    | 1 1/8 Sweat            |
| Oil                         | POE (Polyol Ester Oil) |
| Oil Charge (oz)             | 125                    |
| Oil Recharge (oz)           | 115                    |
| Net Weight (lb)             | 385                    |
| Internal Free Volume (in^3) | --                     |

Electrical

|                       |             |
|-----------------------|-------------|
| LRA High (Amps)       | 106.0       |
| RLA (MCC/1.4) (Amps)  | 20.0        |
| RLA (MCC/1.56) (Amps) | 17.9        |
| MCC (Amps)            | 28.0        |
| RPM                   | 1750        |
| UL File No.           | SA-2337     |
| UL File Date          | 26 Jul 1985 |
| Box IP                | --          |

## Performance

|                        | #1                               | #2     |
|------------------------|----------------------------------|--------|
| Capacity (Btu/hr)      | 71,000                           | 49,900 |
| Evaporator Temp. (°F)  | 20                               | 0      |
| Condensing Temp. (°F)  | 120                              | 110    |
| Return Gas Temp. (°F)  | 65                               | 65     |
| Subcooling (F)         | 0                                | 0      |
| Power (W)              | 9,100                            | 7,200  |
| EER (Btu/Wh)           | 7.80                             | 6.93   |
| Current (Amps)         | 14.2                             | 12.0   |
| Full Performance (PDF) | <a href="#">Full Performance</a> |        |

# Operating Envelope

