

# Rental Chiller Package

## 400 Ton



### General System Data

Fully packaged system, completely assembled, arrives on job site ready for installation in minimal time. Chiller package includes pump matched specifically to range of operation, triple duty valve, piping (includes pump bypass), and in-line Y strainer.

### Equipment Features & Options

- 45' air-ride flatbed trailer
- 50 hp mounted pump package
- Booster pump options
- Pump bypass option
- 6" flanged triple-duty valve
- 6" Y strainer
- Louvered condenser hail guards
- Single point power
- Dual point power options
- Control transformer
- R-134A refrigerant
- Flow switch with safety interlock
- Voltage – 460V / 60Hz / 3Ø
- Circuit Breaker/s
- Louvered condenser hail guards
- Wye-delta start
- Service isolation valve
- BAS Options

### Basic Equipment Data

|                           |           |
|---------------------------|-----------|
| Model                     | RTAC400   |
| Refrigerant               | HFC-134A  |
| Ambient Range             | 0-115°    |
| Chilled Water Setpoint    | 40-60°    |
| Refrigerant Circuits      | 2         |
| # Compressors             | 4         |
| Equipment Insurance Value | \$300,000 |

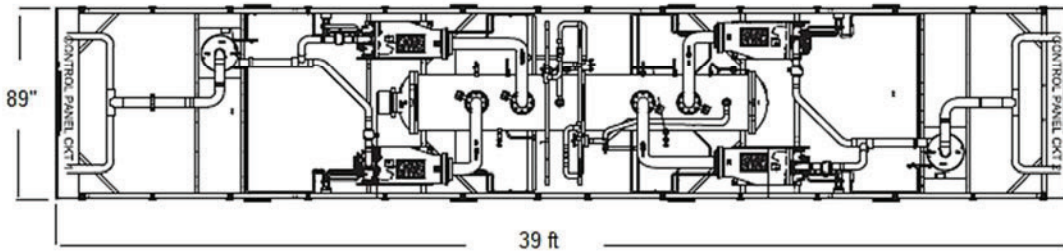
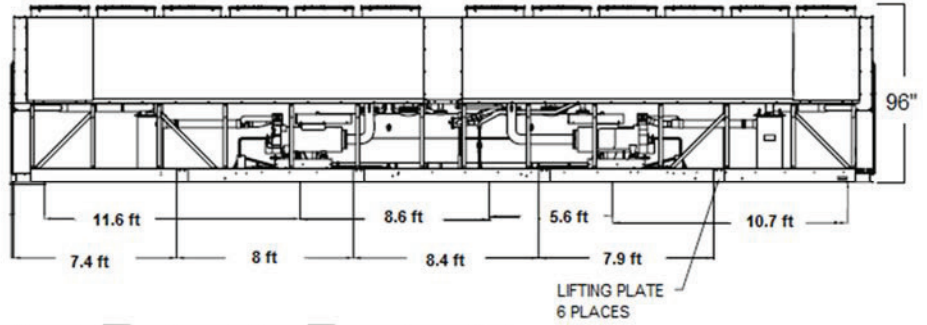
### Electrical Data

|   |                    |
|---|--------------------|
| Nominal Voltage                             | 460V / 60Hz / 3Ø   |
| Single Point Power Connection (3 per Ø)     | 16 Series Cam Type |
| Dual Point Power Connection (2 per Ø)       | 16 Series Cam Type |
| MCA (single point power connection)         | 786                |
| MCA (single point power connection w/ pump) | 844                |
| MCA (dual point power connection)           | 414 / 414          |
| MCA (dual point power connection w/ pump)   | 472 / 414          |
| RLA (single point power connection)         | 744                |
| RLA (single point power connection w/ pump) | 802                |
| RLA (dual point power connection)           | 372 / 372          |
| RLA (dual point power connection w/ pump)   | 430 / 372          |

\*\* A separate 115 / 60 / 1, 15 amp customer provided power connection is required to power the evaporator heaters (1640 watts).

### Physical Data

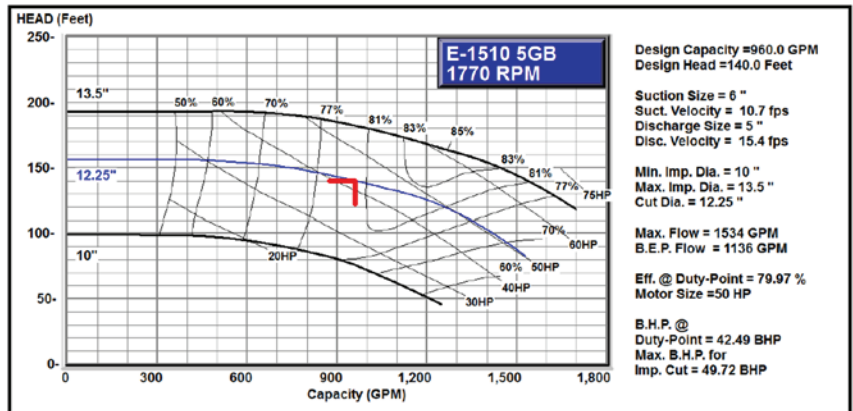
|                       |             |
|-----------------------|-------------|
| Length                | 39'         |
| Length (with trailer) | 45'         |
| Width                 | 89"         |
| Width (with trailer)  | 102"        |
| Height                | 95"         |
| Height (with trailer) | 146"        |
| Operating Weight      | 31,449 lbs. |



### Pump Data

|            |         |
|------------|---------|
| Flow       | 960 GPM |
| Head       | 140 FT  |
| Horsepower | 50      |
| RPM        | 1800    |
| Cycle      | 60      |
| Phase      | 3Ø      |
| FLA        | 58      |

### 50 HP Pump Performance



### Evaporator Data

|                    |            |
|--------------------|------------|
| Water Storage      | 81 Gallons |
| Minimum Flow       | 404 GPM    |
| Maximum Flow       | 1483 GPM   |
| Nominal Flow       | 960 GPM    |
| Water Side Max PSI | 150 PSI    |
| Water Connections  | 6" Flanged |

### Evaporator Water Pressure Drop – 2 pass evaporator

