

Rental Chiller Package

500 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

- 48' air-ride flatbed trailer
- 50 hp mounted pump package with VFD
- 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
- Across the line start
- Service isolation valve
- Low temperature Glycol options
- BAS Options

Basic Equipment Data

Model	RTAC500
Refrigerant	R-134A
Ambient Range	0-115°
Chilled Water Setpoint	40-60°
Chilled Water Setpoint with Glycol	39° or less
Refrigerant Circuits	2
# Compressors	4
Equipment Insurance Value	\$375,000

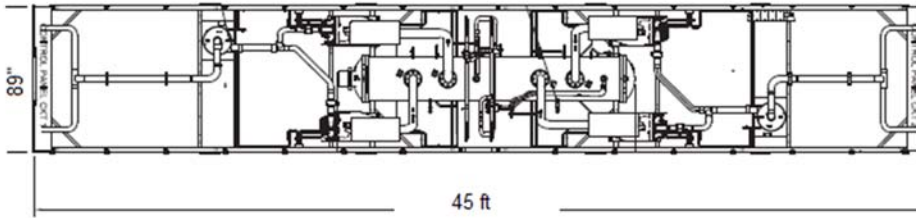
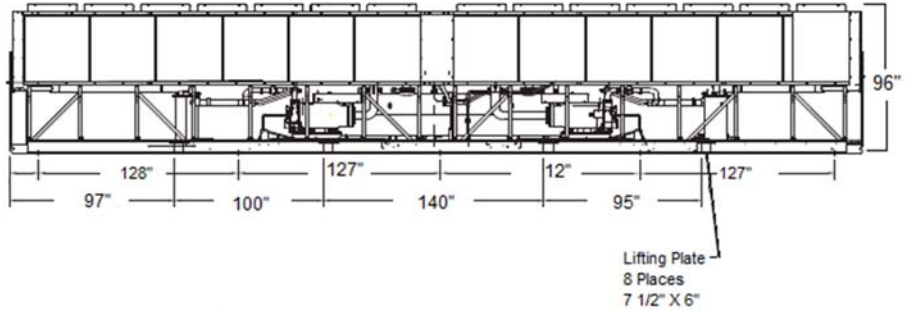
Electrical Data

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)	934
MCA (single point power connection w/ pump)	1003
MCA (dual point power connection)	495 / 495
MCA (dual point power connection w/ pump)	564 / 495
RLA (single point power connection)	884
RLA (single point power connection w/ pump)	953
RLA (dual point power connection)	442 / 442
RLA (dual point power connection w/ pump)	511 / 442

* A separate 115 / 60 / 1, 20 amp customer provided power connection is required to power the evaporator heaters (1640 watts).

Physical Data

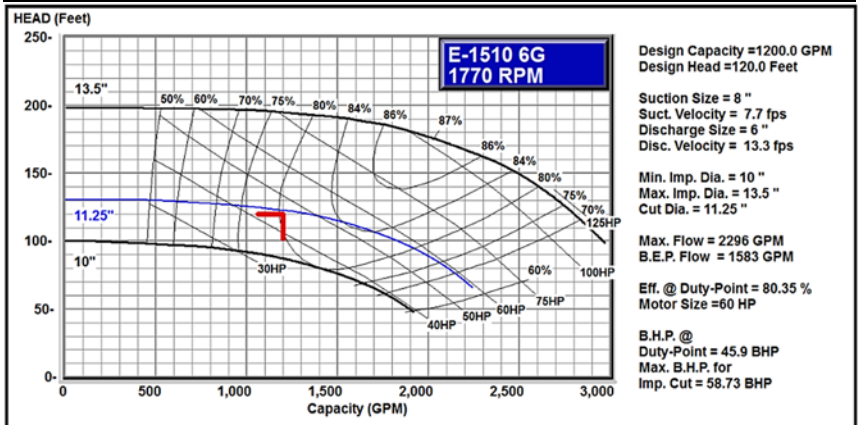
Length	45'
Length (with trailer)	48'
Width	89"
Width (with trailer)	102"
Height	96"
Height (with trailer)	146"
Operating Weight	31,449 lbs.



Pump Data

Flow	1200 GPM
Head	120 FT
Horsepower	60
RPM	1800
Cycle	60
Phase	3Ø
FLA	68.3

Pump Performance



Evaporator Data

Water Storage	91 Gallons
Minimum Flow	461 GPM
Maximum Flow	1690 GPM
Nominal Flow	1200 GPM
Water Side Max PSI	150 PSI
Water Connections	6" Flanged

Evaporator Water Pressure Drop – 2 pass evaporator

