10 Ton Air-Cooled Portable Chiller
INDOOR ONLY

Paratus Rentals
Power & Temperature Control

Features

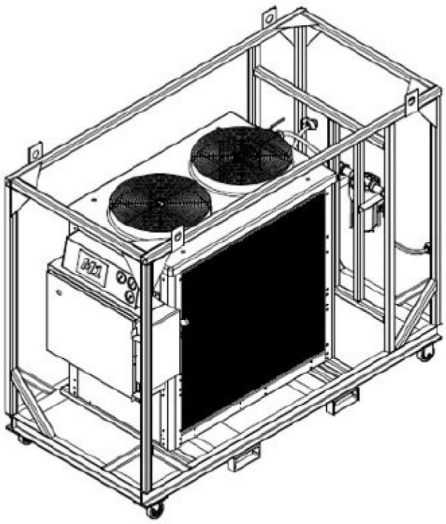
Air condensed refrigeration circuit
- Digital Scroll compressor
  - Energy efficient capacity modulation from 20-100%
- High & low refrigerant pressure limit switches & gauges
- Filter dryer, sight glass with moisture indicator, liquid line solenoid valve &
- thermal expansion valve
- Brazed plate evaporator with stainless steel plates & copper brazing material
- High efficiency condenser with copper tubes & aluminum fins

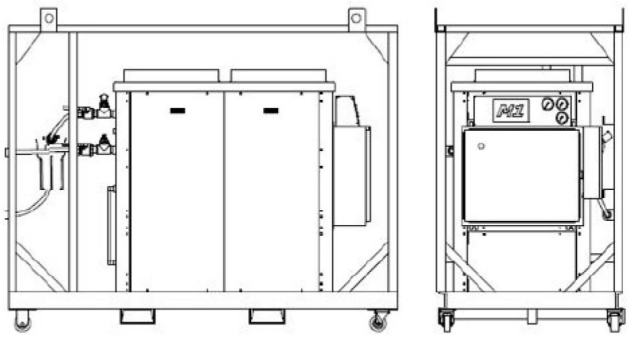
Integral water circuit
- 3 HP stainless steel pump with ODP motor (24 GPM @ 59 PSI)
- Discharge pressure gauge
- Automatic low flow bypass valve
- 25 Gallon insulated non-ferrous reservoir with sight tube
- Non ferrous wetted surfaces

Specifications

Model
- Temptek CFD 10-A

Capacity
- (2) Tons : 9.8
- kW : 34.4





Full Load Amperage (4)
- 460/3/60 : 30.2

Options(Installed)
- Overhead Piping Kit
- UL508A Compliant Enclosed Electrical Panel
- 50' 8/4 Cable Whip Included
- Condenser Screen Guard and Air Filter
- External Frame/Cage Including Forklift Pockets
- Includes (2) 25' Sections of 1.5" Hose w/ Dixon Couplings

Compressor
- HP : 10
- Type : Digital Scroll

Process Pump
- HP : 3
- GPM : 24
- PSI : 59
- Type : Centrifugal
- Construction : Stainless Steel
- Automatic Low Flow Bypass: Standard

Air-Cooled Condenser
- Type : Fan
- CFM : 10,000
- (3) Ambient : 95°F

Dimensions(5)
- Height : 70"
- Width : 46"
- Length : 96"
- Weight Shipping : 1,500 lbs

Refrigerant
- Type : R-410A

Process Connections
- To Process : 1-1/2"
- From Process : 1-1/2"
- Make-Up : 1/2"

Specification Notes:

1. Since product innovation and improvement is our constant goal, all features and specifications are subject to change without notice or liability. Selection of certain optional features may change listed specifications.
2. Tons capacity at 12,000 BTU/ton per hour @ 50°F LWT @ " 115°F condensing temperature. Capacities may be +/- 5% as reserved by the compressor manufacturer. Operating at temperatures below 50° will reduce chiller capacity. The minimum recommended operating temperature when no glycol is used is 48°F.
3. Design ambient conditions. Loss of capacity and/or difficulty operating will occur at higher ambients. Minimum recommended ambient is 60°F.
4. Full load amps are higher than run load amps and must be used for sizing disconnects and supply wiring.
5. Dimensions and with are for unit with Frame shown on page (2).