



525-Ton Water-Cooled Rental Chiller Module



MODULE COMPONENTS

- One (1) 525-ton York water-cooled screw chiller with a microcomputer control center for operating and safety controls
- Leaving chilled water temperature range from 20° F to 58° F
- Automatic start/stop of chiller, condenser, and evaporator water pumps
- One (1) 50 hp Bell and Gossett condenser water pump that delivers 1575 gpm at 100 feet of head pressure
- One (1) 50 hp Bell and Gossett evaporator water pump that delivers 1250 gpm at 100 feet of head pressure
- Triple duty valves to dial in proper flow to evaporator and condenser
- Check valve on condenser water line to ensure proper suction requirements to condenser water pump
- In-line water strainers to protect system from foreign objects
- Insulated water lines to prevent condensation
- Exhaust fan and outside air damper to discharge compressor motor heat

CAT® ISO CONTAINER AND TRAILER

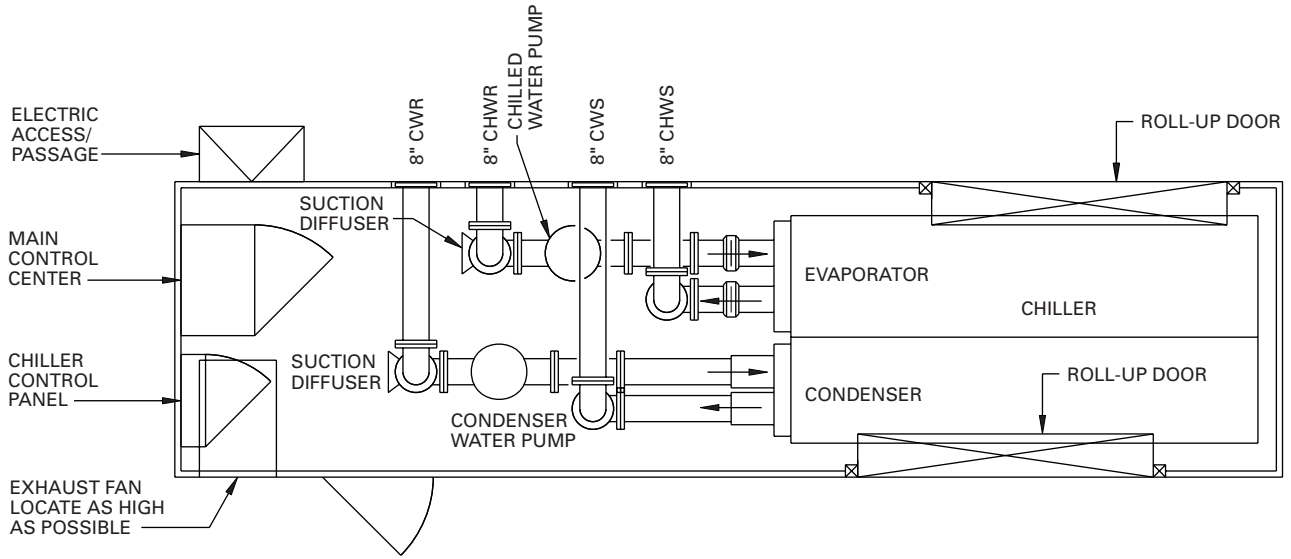
- One (1) 30-foot ISO container
- Two (2) 8-inch flanged evaporator water connections
- Two (2) 8-inch flanged condenser water connections

- Lockable bus bar access door to keep unauthorized personnel from accessing high voltage cables
- Lockable doors to prevent unauthorized entry
- Roll-up doors for service access to the containers
- Air ride chassis to help prevent road vibration

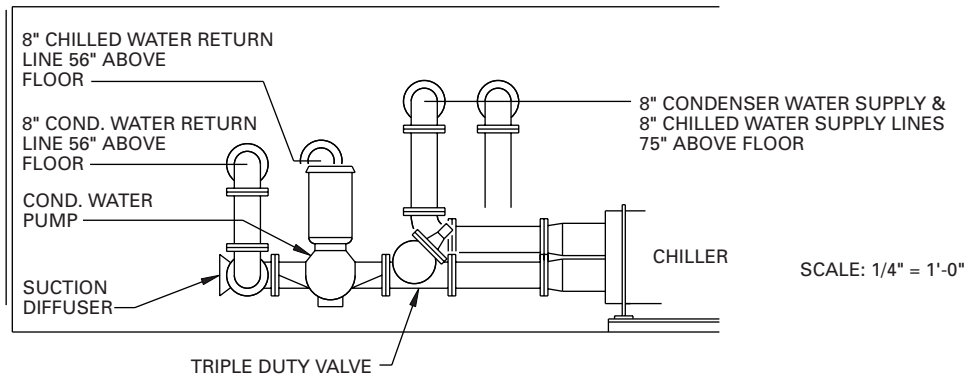
ELECTRICAL AND CONTROL PANELS

- Total Full Load Amps = 582 FLA @ 480 volt/ 3 phase/60 hertz
- Short circuit and ground fault protection to be provided by one (1) 1200 amp main adjustable circuit breaker for the total system
- Main adjustable circuit breaker ranges from 1200 to 800 amps
- Individual branch circuit breakers provided for each chiller, evaporator, and condenser water pump
- Bus bar configuration will accept four (4) feeds per phase ranging from #2 to 600 MCM cable per phase
- Ground connection will accept two (2) #2 to 600 MCM cable
- Phase rotation light
- Convenient 120 volt inlets allow user to supply power to critical warm-up crankcase heaters prior to running to allow 480 volt to be disconnected
- 120 VAC lighting for lighting without 480 volt power supply

DIMENSIONS



PLAN VIEW



ELEVATION