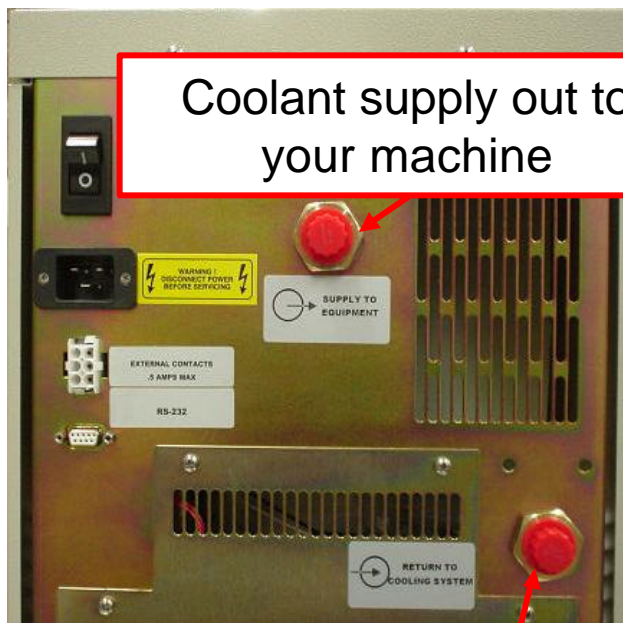


Part II: Installation

- If the chiller arrived lying sideways or on its top, put it back upright and wait for at least one hour before turning it on. This will allow the compressor oil to settle.
- It is recommended to place the chiller with a 18” clearance on all sides to allow maximum air flow. Systems with a water cooled condenser have no minimum clearance requirements.

Part II: Installation - Chiller Coolant Connections



- Remove the red caps for the return and the supply lines.
- Install hoses with ½” male NPT fittings.
- Use thread sealant, such as Teflon® tape, to eliminate the risk of leaks.

Part II: Installation

Water Cooled Condenser



- Water-cooled systems use facility water or a building's chilled water system to cool the condenser.
- Remove the red caps for the return and the supply lines.
- Install hoses with ½" male NPT fitting.

Part II: Installation

Adding Cooling Fluid

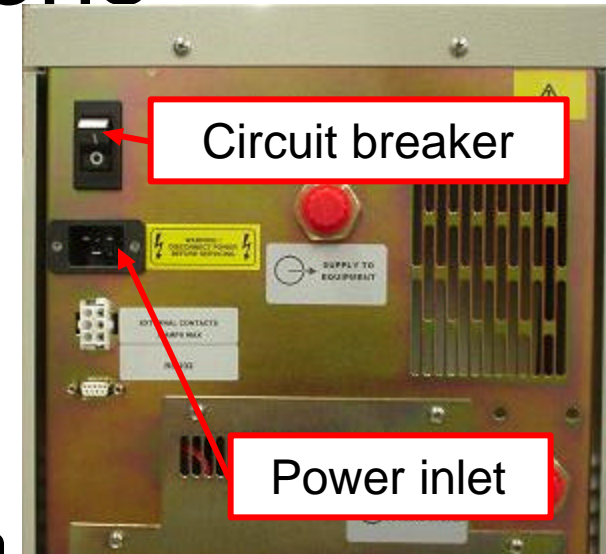


- Use a Philips screwdriver and open the small cover on the top of the chiller. It will expose the reservoir tank cover.
- Remove the reservoir cap.
- Fill the tank with water. For set points below 10°C please use a mixture of 50% ethylene or propylene glycol/water. Do not use automotive antifreeze. It contains additives that damage pump seals.
- Check the tank level using the level indicator and add water if necessary.
- Replace both the reservoir cap and the cover when finished.

Part II: Installation

Electrical Connections

- Verify that the chiller has the proper electrical configuration for your facility's power supply. The electrical configuration of the chiller is noted on the nameplate.
- Plug the chiller into your power source.
- Turn the circuit breaker on by flipping the switch found on the rear of the unit to the "up" position. Please note that this switch is not designed to be used as an on/off switch. The proper way of turning the chiller on, is to use the on/off button on the front keypad.
- You will notice a diagnostics countdown on the front display when you turn the unit on. This will occur every time power is restored to the chiller.



Part II: Installation

Electrical Connections

- All chillers with controller packages 2 and 3 are equipped with dry contacts. Pin 5 is the common contact, pin 4 closes on fault and pin 6 opens on fault. These contacts are rated for 250V, 1/2 amp maximum.
- The RS-232 port option is only available with controller package 3 and is used to connect the chiller to a computer.
- With RS232, you can use the Kodiak Host Software (provided by Lytron) that simulates the front control panel and all its functions. Alternatively, you can create your own software to interface with our system. Please consult the Host Interface Data Link section of the Kodiak manual (page 45). If you do not have this manual, you can download it from the Lytron website:
http://www.Lytron.com/service/srv_manuals.htm

