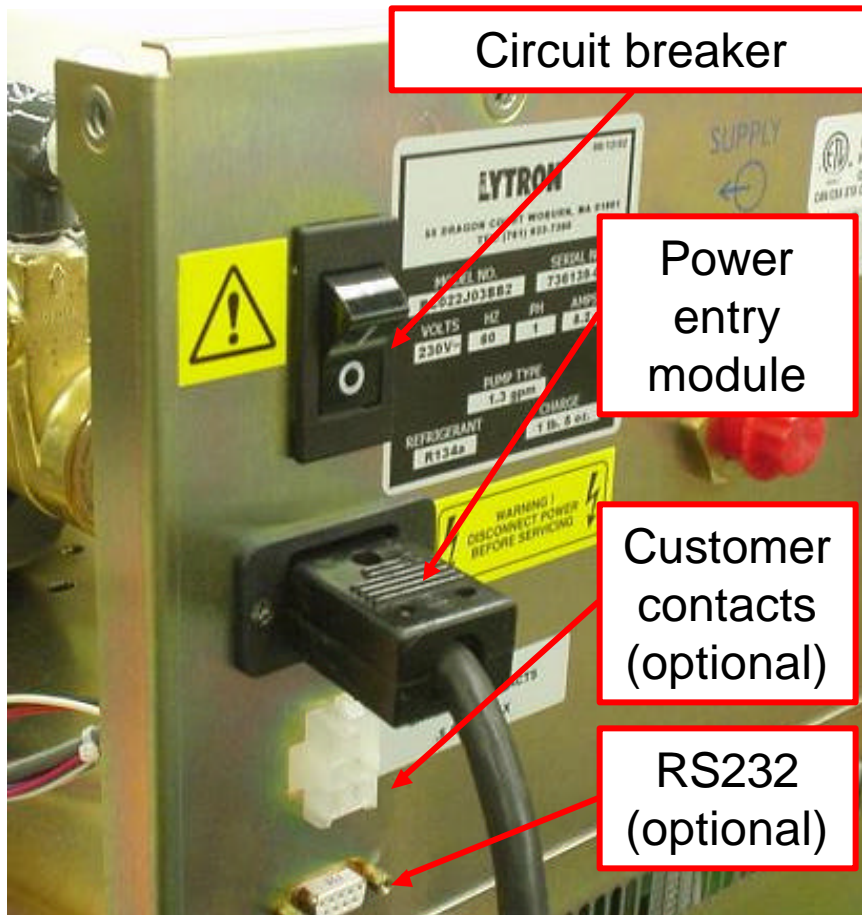


Part VI: Electrical System – Important Safety Information

- Please shut the unit off and disconnect it from the power supply before removing any panels and performing electrical work on the chiller.
- Please refer to the electrical diagram found in the Kodiak chiller manual.
- Kodiak chillers have one main wire harness that connects the control board to all of its input and outputs.
- Power comes in through the power inlet, goes through the circuit breaker and then goes to both the controller and the pump/condensing unit relay
- The control board controls the pump/condensing unit relay and the solenoid valve.

Part VI: Electrical System Rear Panel

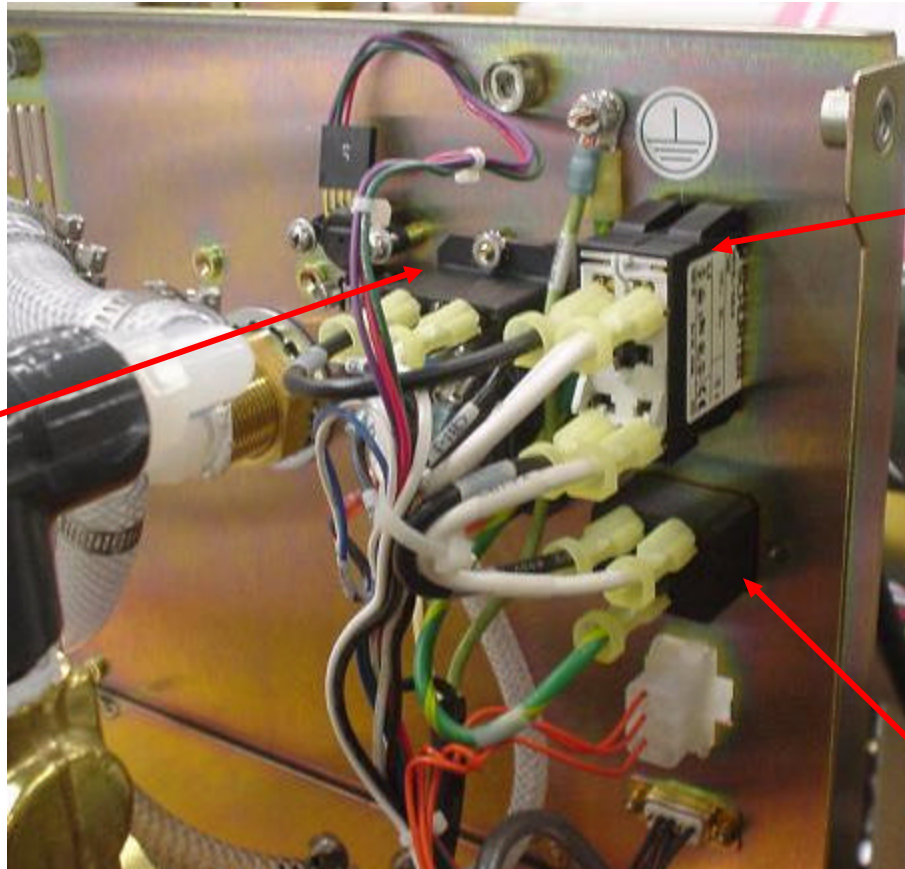


- On the top rear panel of the chiller you will find a circuit breaker, the customer contacts, and RS-232 serial port.
- It is not recommended to use the circuit breaker as an on/off switch.
- The name plate to the right provides the voltage, amperage, and any other relevant chiller information.

Part VI: Electrical System Inside Panel

DPST Relay

Wires from the control board send out a 12V DC signal to activate the relay. The relay sends the main power to the pump motor and condensing unit. The controller will open the relay if problems occur.



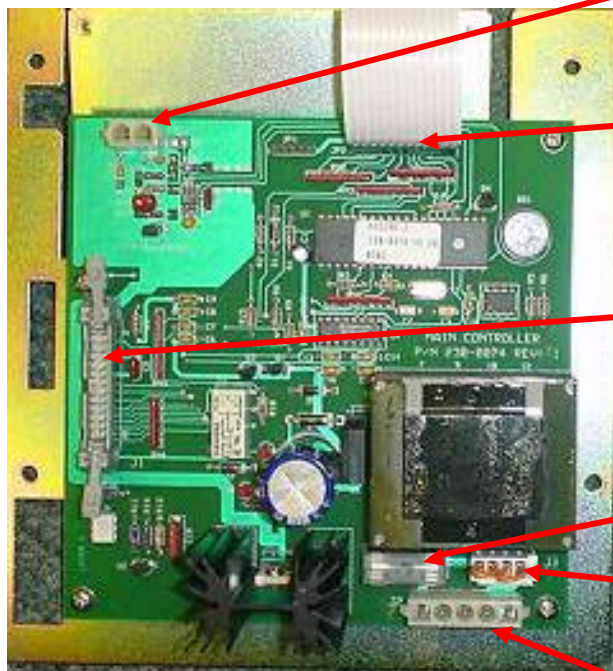
Circuit breaker

When the circuit breaker is turned on, power is distributed to the control board and to the relay.

Power inlet

Power enters the chiller through the inlet receptacle. It is wired in series to the circuit breaker.

Part VI: Electrical System Control Board



RTD Temp. probe
connector P1

Display/keyboard
connector JP2

Main wire harness
connector J1

Fuse holder F1

115V to 240V
Jumper J3

Power inlet/solenoid
connector J2

Part VII: Draining and Storage

Draining the Tank



- Drain your chiller before storage. Stagnant water can produce algae or freeze and damage the interior components.
- Lytron recommends using a wet/dry shop vacuum to remove all liquids.
- Shut off the system and unplug the chiller whenever removing panels.
- Unscrew the cover from the rear and remove it. Remove all of the liquid directly from the reservoir tank using a vacuum.

Part VII: Draining and Storage

Draining the Reservoir



- Remove the left side panel to expose a drain hose. Uncap and drain the system of all liquid.
- Use the vacuum on the supply and return lines to ensure the chiller is completely drained.
- The chiller is not designed to withstand outdoor weather. Please do not store it outside.

Conclusion

- Please refer to the Kodiak manual for more detailed information on operating, troubleshooting, or any other inquiries on Lytron's Kodiak line of recirculating chillers. The manuals are available on Lytron's website at the following link:
http://www.Lytron.com/service/srv_manuals.htm
- Please contact Lytron's service department for comments or feedback on this training presentation.