Chiller shutdown procedure

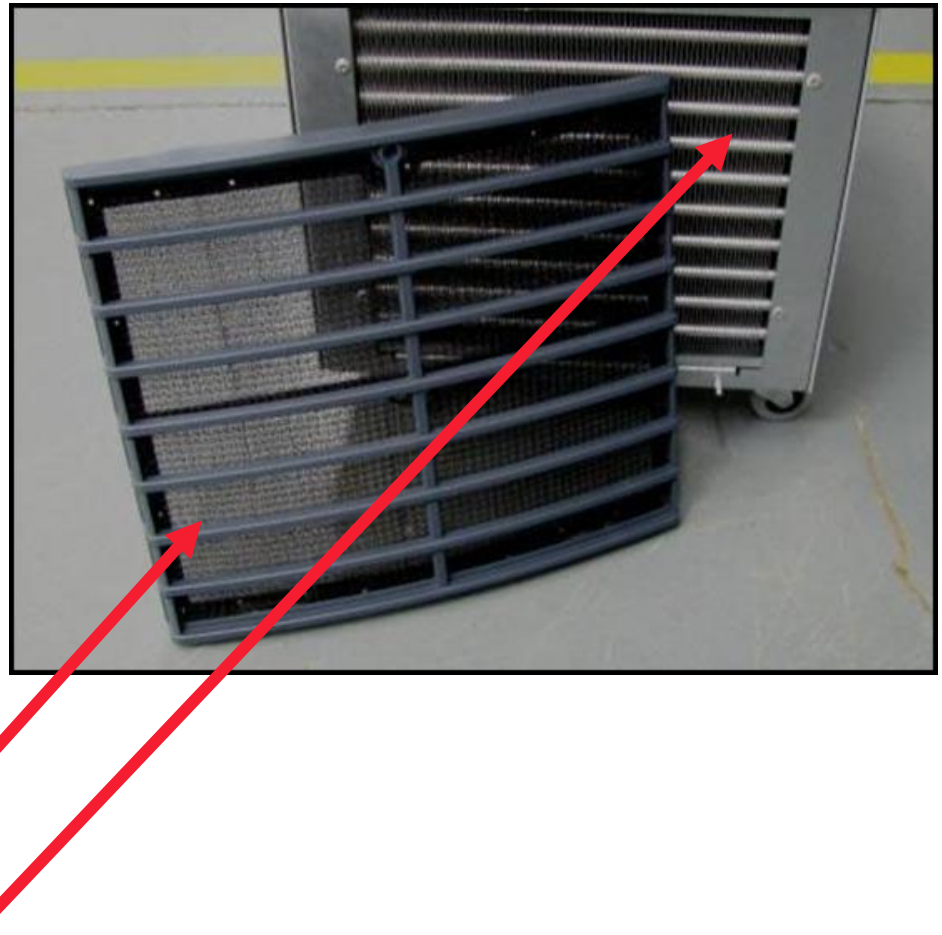
- Turn off chiller <u>from the front panel</u>. Then turn the rear AC mains circuit breaker switch off and remove the power cord from the power source.

- Use the On/Off button to shut down the unit. To protect the unit's compressor the unit will enter a 20 second shut down cycle. During the shut down cycle the display will show "OFF" and the bars will scroll downward
- When the display is blank it is safe to place the circuit breaker on the back panel in the Off position (O)

Turning off the unit by any other means besides what is described above can reduce the life of the compressor and may void warranty

Preventive Maintenance

- To ensure proper cooling and extend the chiller life, the refrigeration air filter & condenser must be kept clean
- Remove front grill to inspect air filter & condenser fins and clean as necessary
  - The air filter can be cleaned by rinsing under a stream of water and allowing to air dry or using a vacuum
  - The condenser fins can be cleaned using the bristle brush attachment of a vacuum or a soft brush



Preventive Maintenance

Fluid Filter cleaning & replacement

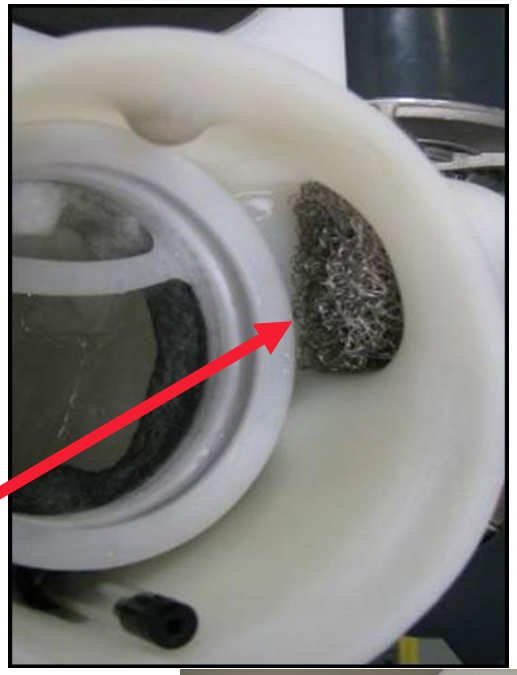
- The ThermoFlex fluid bag filter can be easily removed for cleaning or replacement

1. Remove the funnel housing to access the filter bag by gently pulling it up
2. Lift the filter bag out as shown
3. Bag can then be cleaned by rinsing under running water.
4. When reinserting filter bag, ensure that the bag is submerged in the liquid present in the resevoir

➢ If bag is excessively dirty or worn through, replacement is recommended. See part numbers at end of this document

Preventive Maintenance

- Ensure that the fluid diffuser is in place at all times



If diffuser is not installed, fluid velocity will rapidly increase, and fluid could splash out of the tank.

- Remove and inspect for blockages and build up
  - Clean by holding the diffuser under a stream of running water
  - If the diffuser has become especially dirty and can't be cleaned well, replace it using P/N 084897

CMD Part Numbers

- P/N 114-743100 35 Micron Filter Kit and Grill for ThermoFlex 900 & 1400
- P/N 114-743300 35 Micron Filter Kit and Grill for ThermoFlex 2500