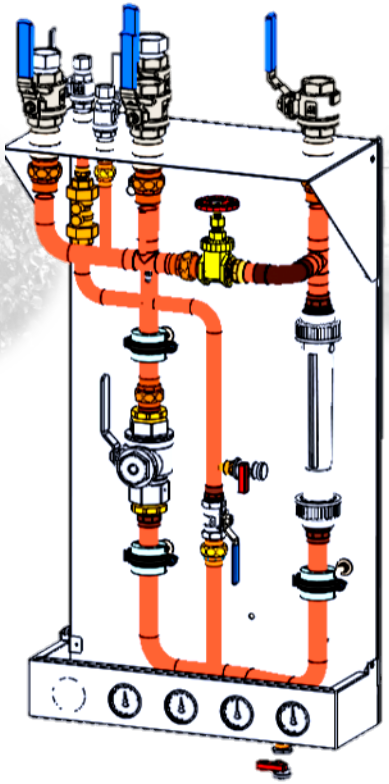
KKT chillers

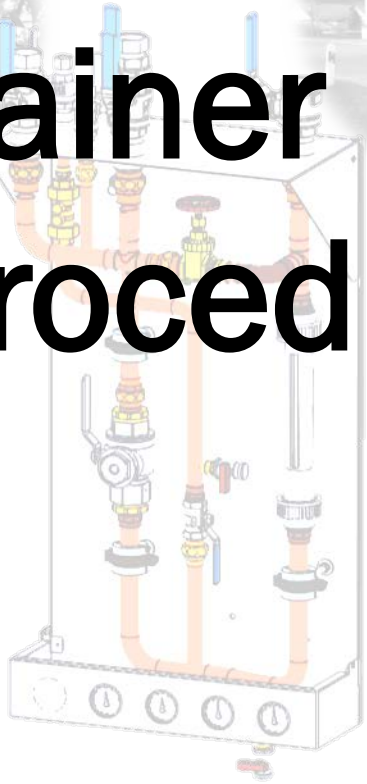
2017 Service Series:

The CIP Panel



Topics

Filter Strainer Cleaning Procedure

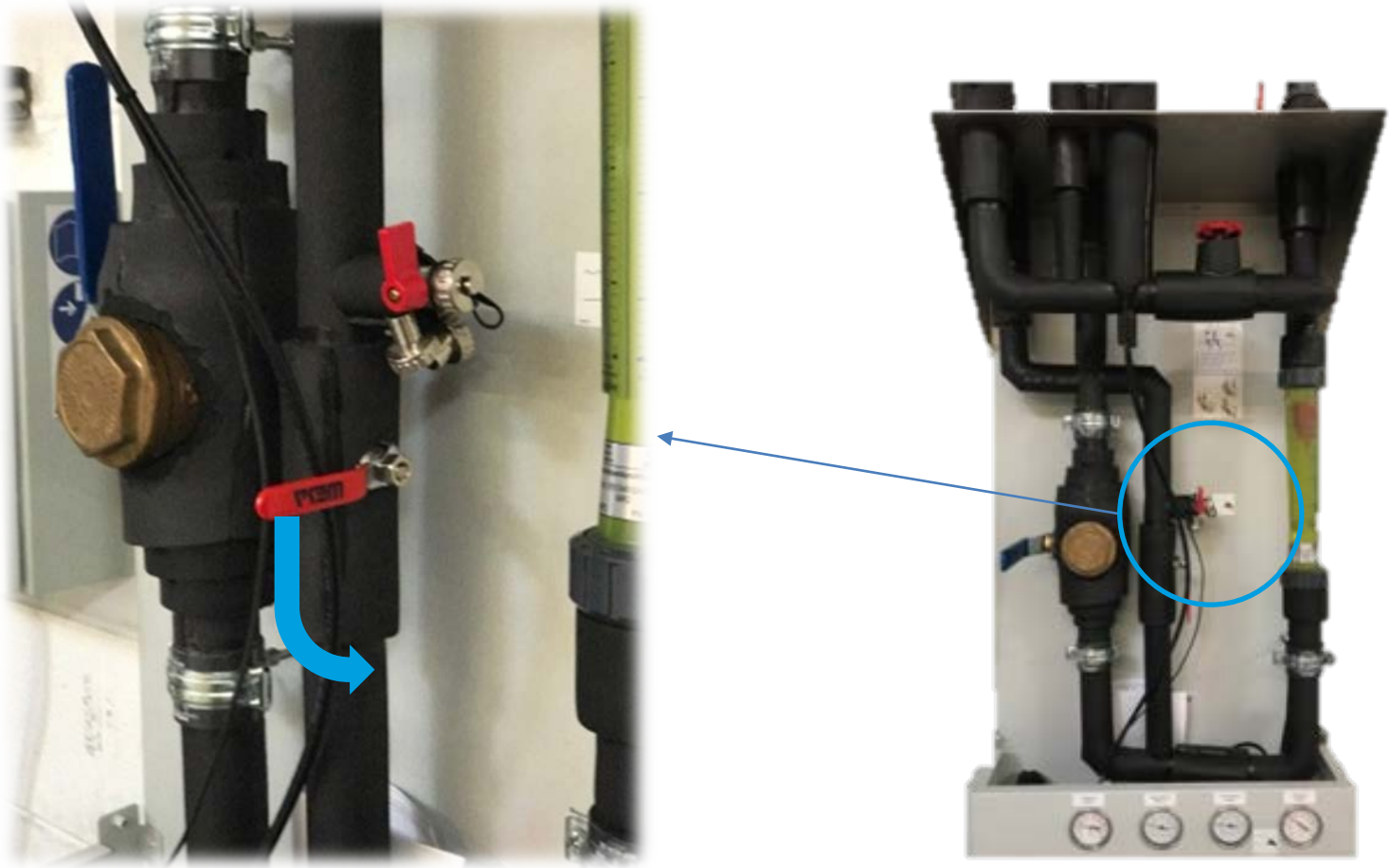


Filter Strainer Cleaning

The filter strainer can be cleaned while the system is operating. The filter strainer is primarily cleaned during start-ups, p.m.'s and water related services where a restriction has occurred.

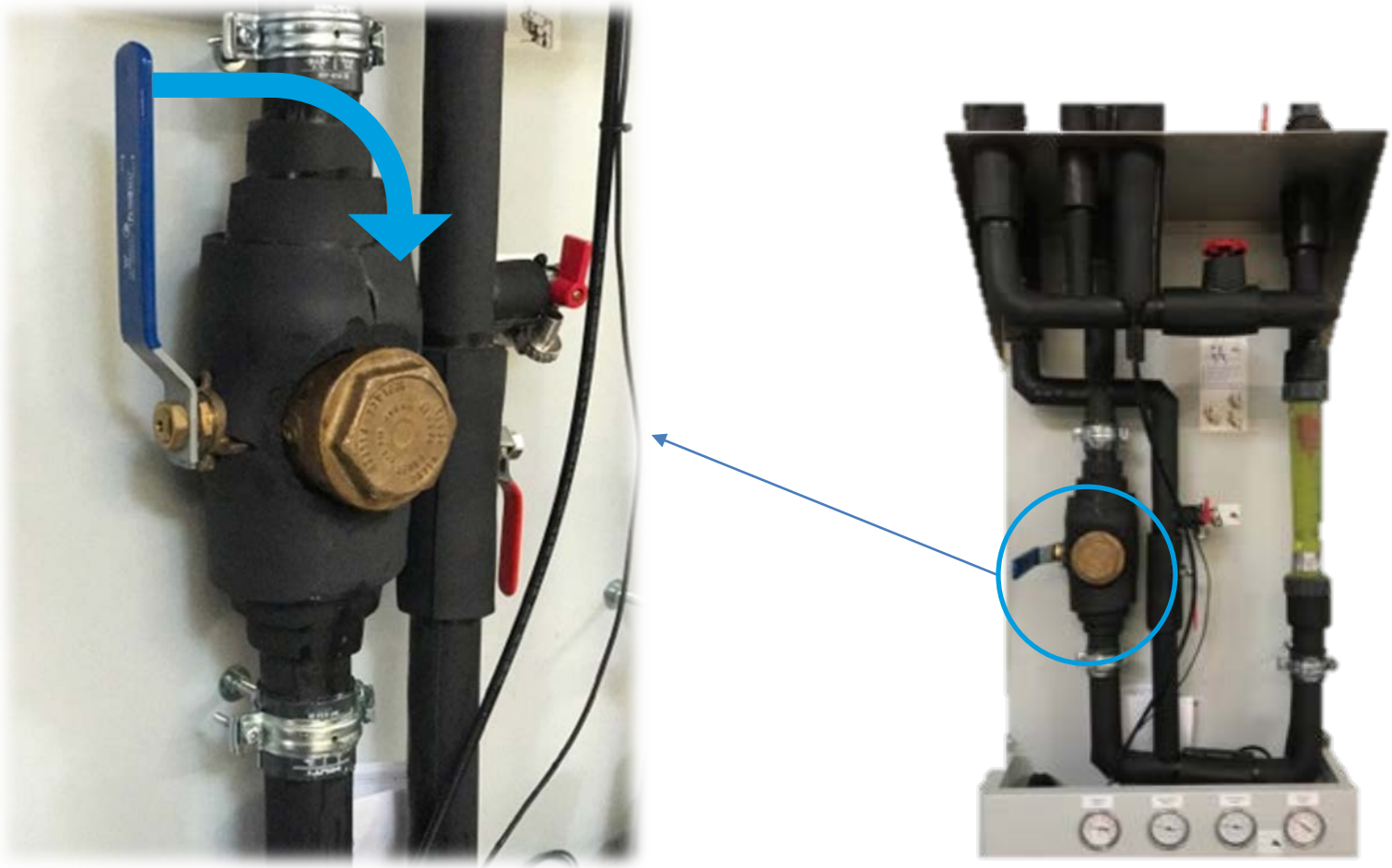
The Procedure

Place the Supply Bypass Ball Valve to the “OPEN” position.



The Procedure

Place the Filter Ball Valve to the “CLOSED” position.



The Procedure

Begin the removal of the Filter Strainer by opening a couple turns out with the Pipe Wrench. Do not remove fully, residual glycol is still present.

The Procedure

Place a pail under the Filter Ball Valve and remove the cap.

The Procedure

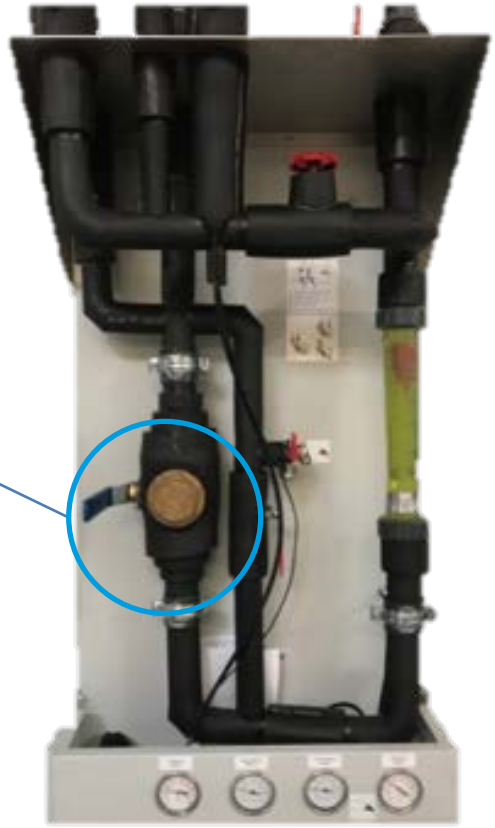
Typically about a cup full of glycol is what is expected.

The Procedure

Remove the Snap Ring with Snap Ring Pliers.

The Procedure

Pull the Strainer.

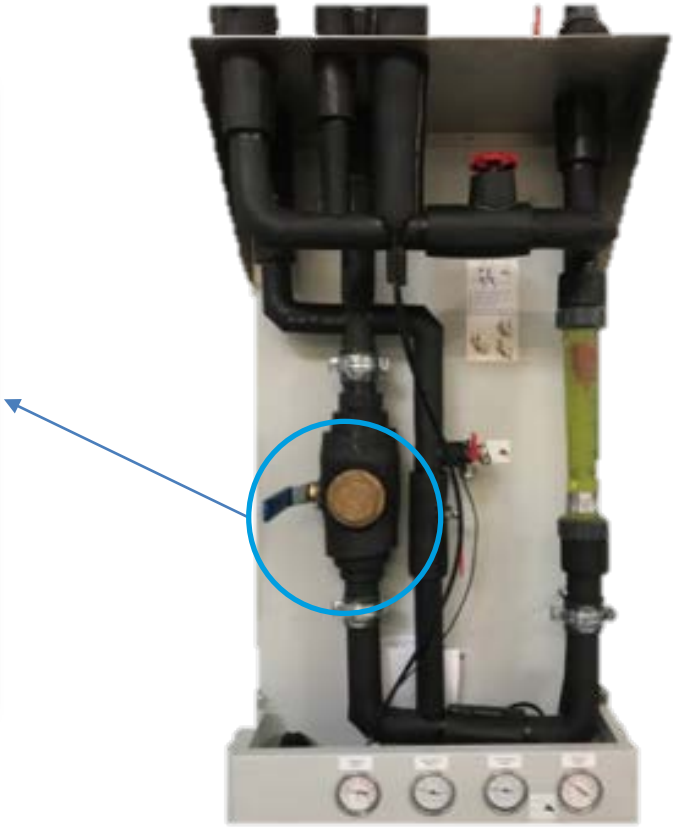


The Procedure

Inspect the Strainer and clean as needed.

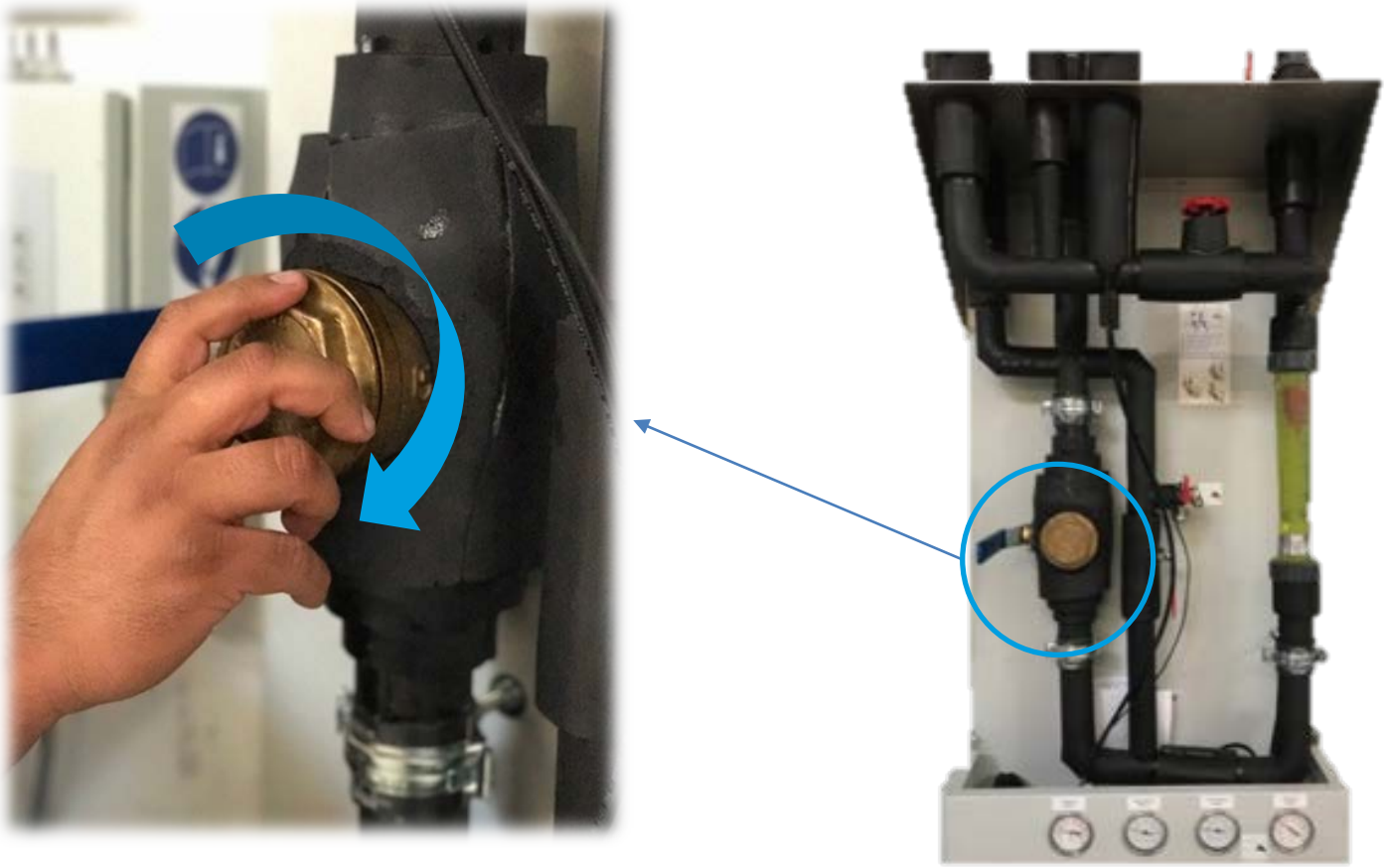
The Procedure

After cleaning, insert the Strainer and Snap Ring.



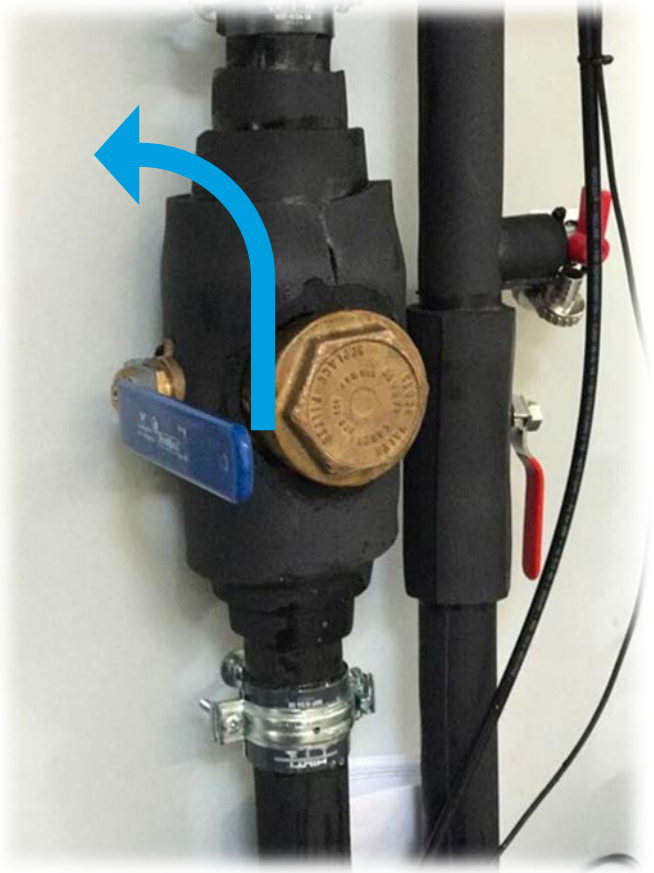
The Procedure

Tighten the Filter Ball Valve cap. Start by hand to reduce damage to threads, finish with the Pipe Wrench.



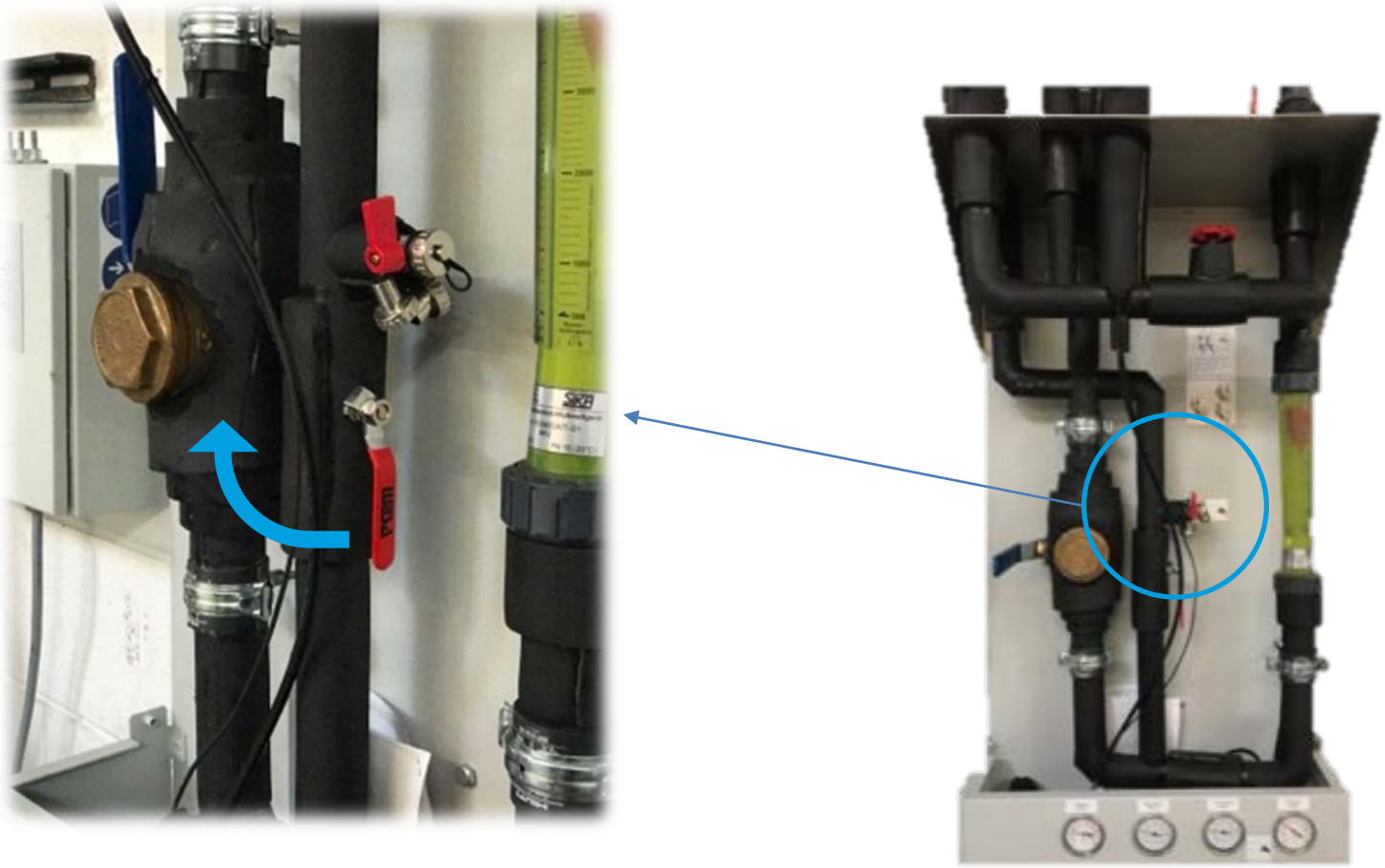
The Procedure

Open the Filter Ball Valve.



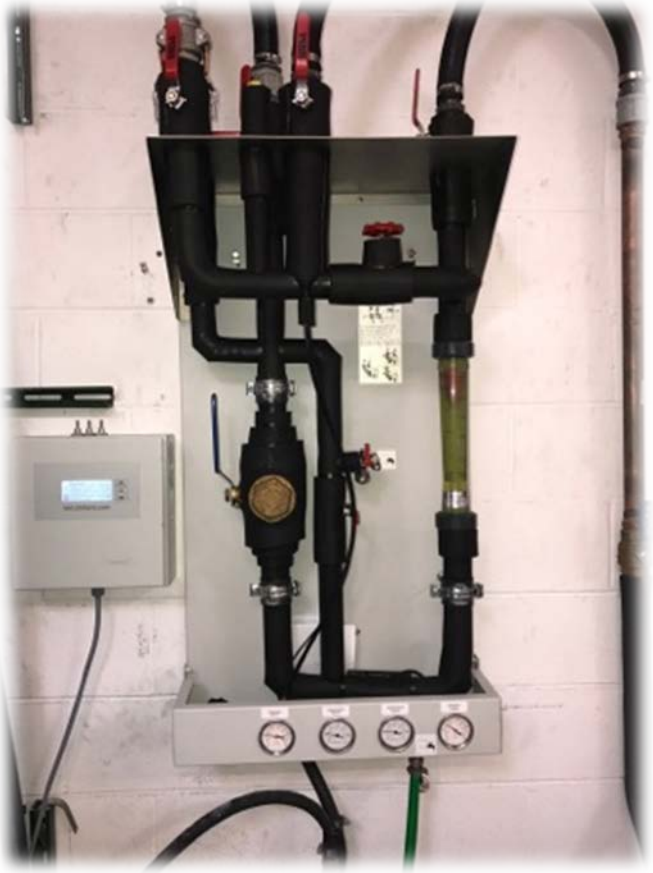
The Procedure

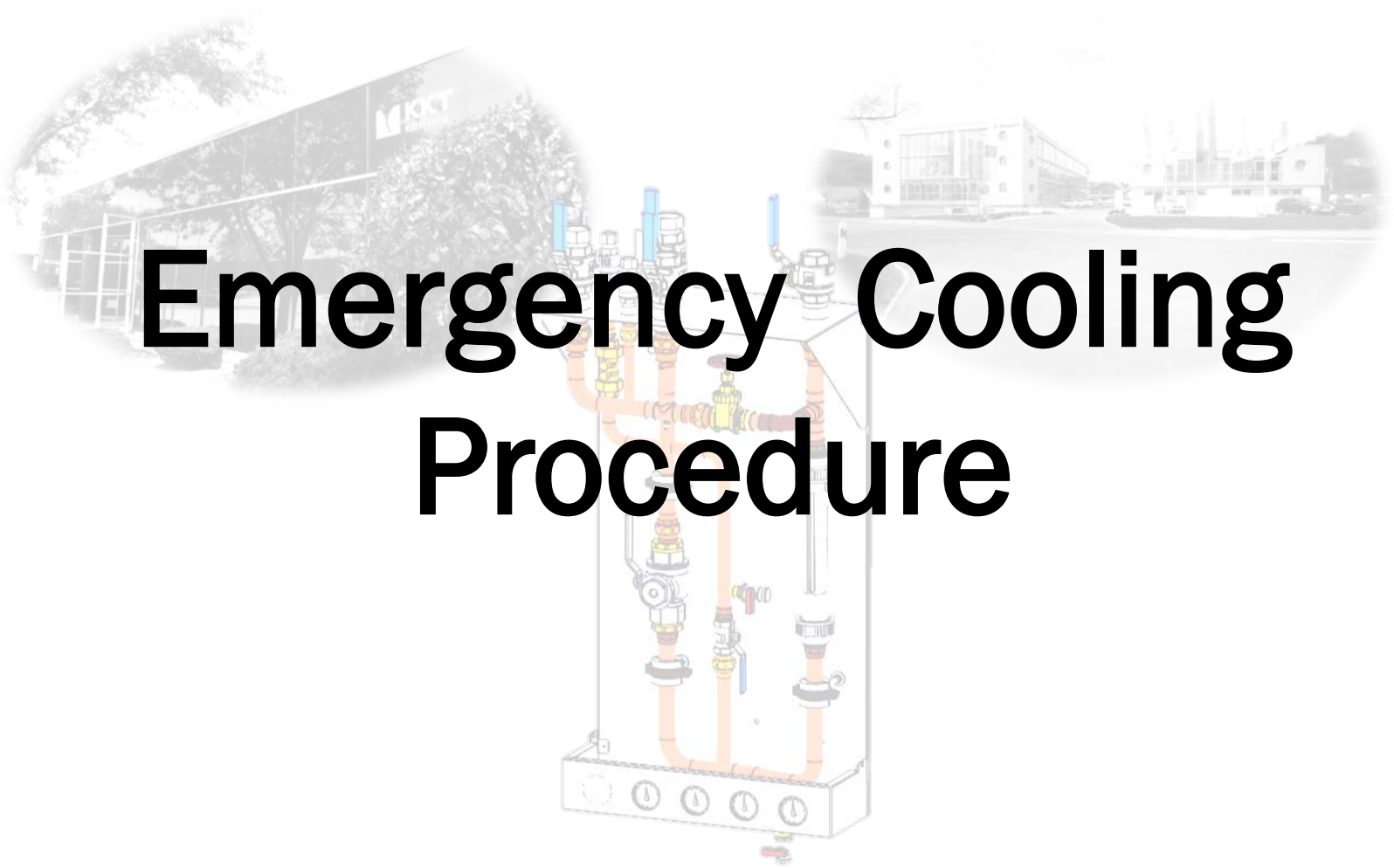
Close the Supply Bypass Valve.



The Procedure

After completion, check pressures and complete check list.





Emergency Cooling Procedure

The Procedure

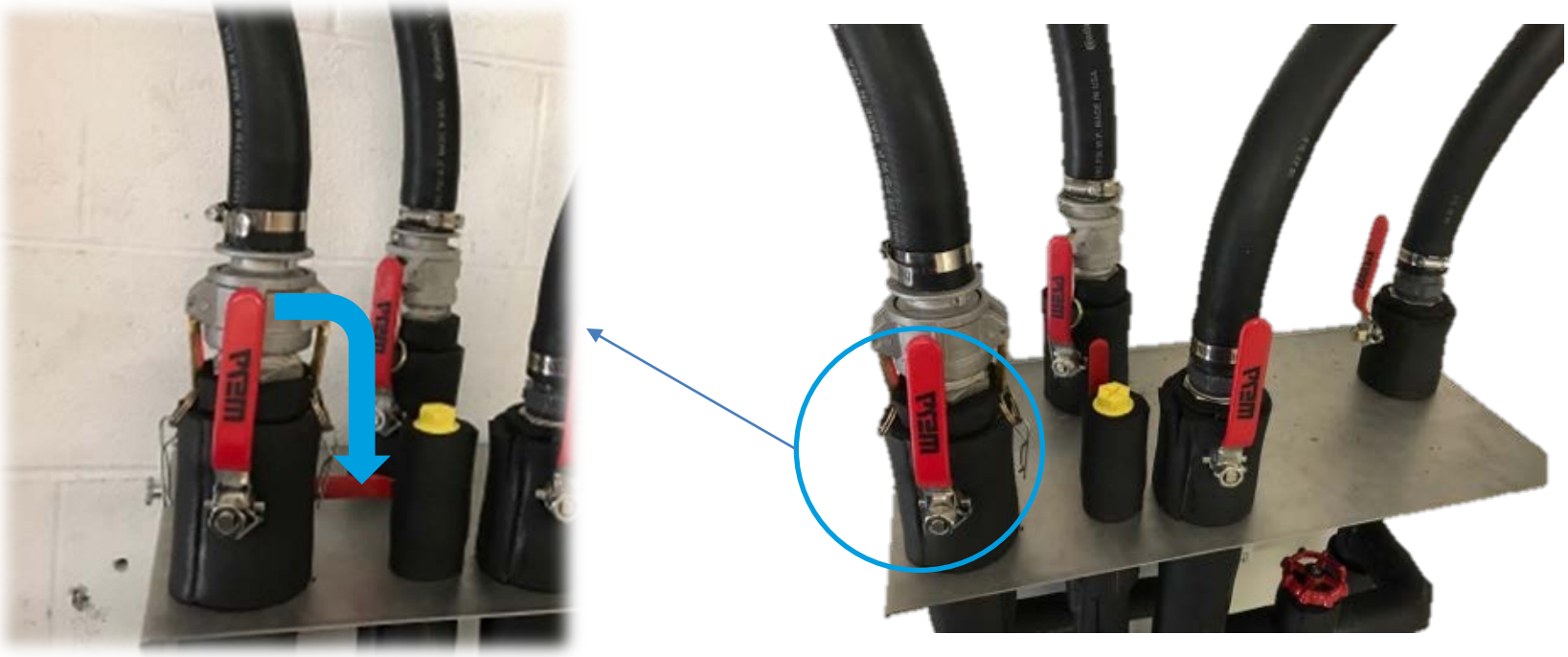
Emergency cooling is performed when the chiller is in need of service. To minimize downtime the CIP Panel is placed in bypass.

The Procedure

Before starting please verify the chiller is powered off.

The Procedure

Place the Supply Ball Valve in the “CLOSED” position.

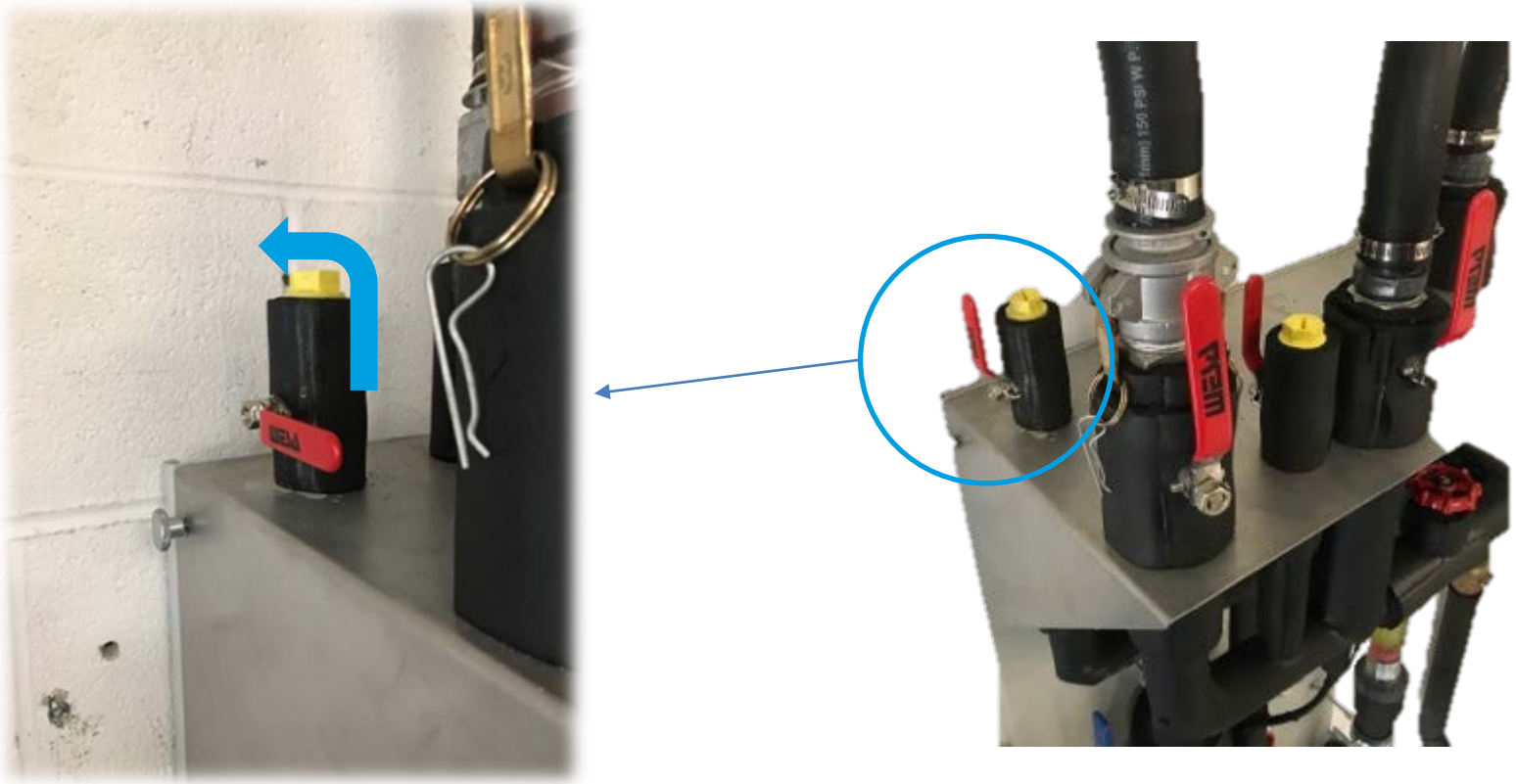


The Procedure

Place the Return Ball Valve in the “CLOSED” position.

The Procedure

Place the Emergency Supply in the “OPEN” position.



The Procedure

Place the Emergency Return in the “OPEN” position.

The Procedure

The Return/Supply Valves to the Cabinet should be in the “OPEN” position at all times.

The Procedure

Verify all valves are in the correct position.

OPEN

CLOSED