

402. CIP SYSTEM SINGLE TANK- "L-CIP"

Function:

L-CIP systems are engineered in to provide a simple solution for clean in place in pharmaceutical and biopharmaceutical plants. The system is built in line with ASME BPE specifications. It incorporates a CIP buffer vessel for storing and delivery CIP fluids along with the requisite instrumentation and control system.



Features:

- Suitable for 1.5" OD(Dia 38.1 x 1.65 thk) tubes and 40 meters head
- Suitable for cleaning tanks upto 900 mm inside diameter.

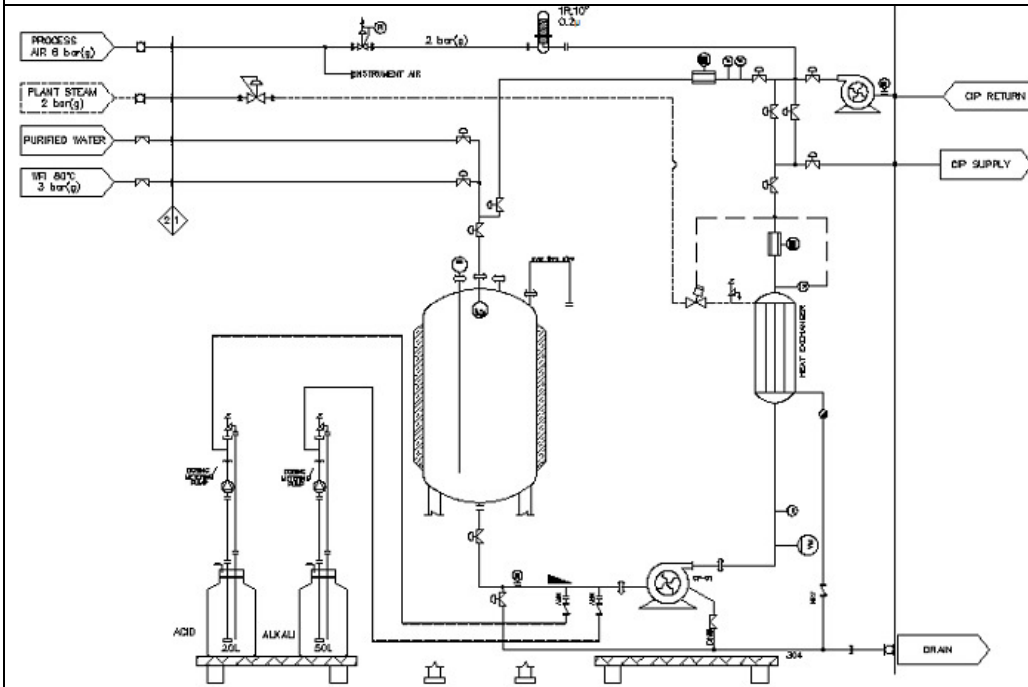
Mechanical and Instrumentation:

- 1000 Liters CIP buffer vessel with double wall insulation for storing, batching and delivering CIP fluids.
- Hygienic CIP supply(5.4 m³/hr) pump and return pumps
- AC variable control for the CIP supply pump.
- Acid and Alkali dosing units
- Pressure, Temperature, Flow and Conductivity instrumentation
- Hygienic pneumatically operated diaphragm valves.
- Shell and tube heat exchanger
- Stainless steel piping-AISI 316L
- Stainless steel frame-AISI 304
- Material: Contact parts: AISI 316L
Elastomer: Silicon, PTFE
- Orbital welding as per ASME BPE guidelines.
- Finish: Internal Ra< 0.5μ and electropolished.

Control:

GEI Process

- Stainless steel Panel-AISI 304.
- Simple versatile automatic control system
- User Interface: Touch screen HMI
- Hygienic pump is controlled by an AC variable drive.
- Colour graphic touch screen interface which includes the flow path of the system.
- Time stipulated CIP cycles including conductivity monitoring.
- Printout of important process variables during the CIP cycles.
- Password control



Applications:

- Biopharmaceutical
- Pharmaceutical
- Food
- Beverages

Ordering Information:

402-000-000.

For customised systems and specific applications, contact our application specialist.

All dimensions are in mm. unless and otherwise specified.

The information contained in this brochure is for guidance only. We reserve the right to modify any material or feature without notice in advance. For further information, please, consult our application specialist

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