

CAD

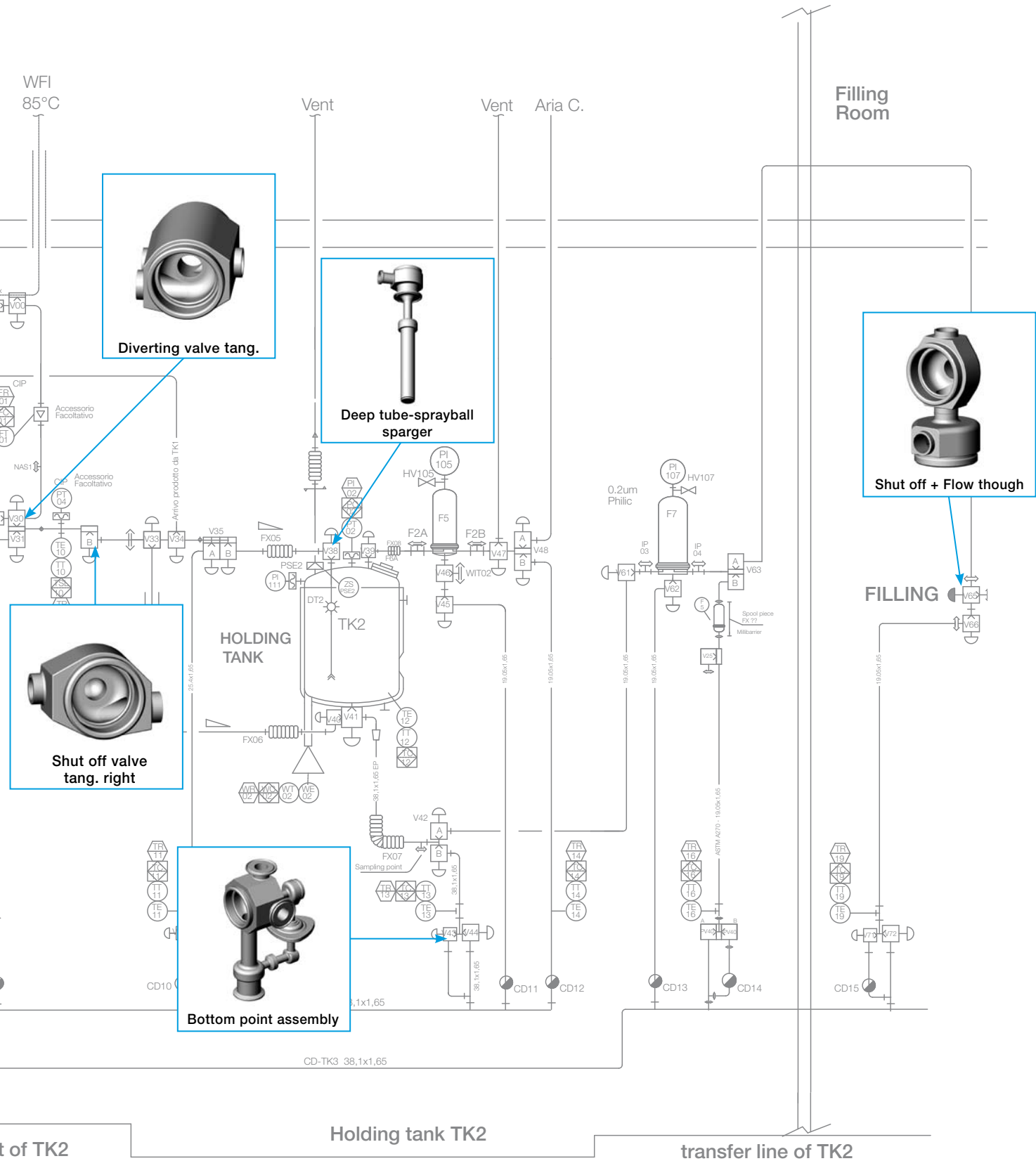
CLEAN & ASEPTIC DESIGN

**ONE IDEA,
MANY SOLUTIONS**
INNOVATIVE VALVE WITH ZERO DEAD LEGS

Valves range design. CAD family valves are very wide and above are showed some configurations. Our specialist in process design, will support you for choosing the appropriate one or, to help you to design your solution preparation system with the best solution to achieve free unused portion piping, zero dead legs design, minimize solution hold up, compact design with fast and effective CIP and SIP cycles.

Standard preassembled valves. A various valves assembly are available to speed up process constructions. Point of use, bottom point, and others are available as standard products.

Tailored valves and valves assembly. If required, our specialists will be able to design, built and provide with fast delivery special valves or assembly.



Aseptic processing ask for equipment able to fulfil stringent requirements of CIP and SIP. CAD valves are designed to answer properly process configuration upstream, around and downstream process vessels. The family of CAD valves, also available on ready to use assembly and will offer a wide solution applications able to reach compact design, free of dead legs, allowing to minimize solution hold up. Processing with CAD valves, which are constructed of 2 materials only: EN 1.4435 and PTFE USP Class VI-121°, will provide you an efficient process system, simple, reliable, and easy to validate.

CAD valves benefits:

- Complaining CIP-SIP Cycles
- No unused portions
- Flush flow design
- Easy process Validation
- Wide range answering applications needs
- Extensive tech documentation for Validation

CAD valves is the key tools able to help you that critical criteria are easily satisfied.



SHUT OFF VALVE

Shut off valve are designed allowing flow control in all pharmaceutical and biotech process. The conceptual design of their body and diaphragm common for all our CAD valves fulfil need for Clean and Aseptic application when requested.



FLOW THROUGH VALVE

Will give opportunity to take off or feed fluid in a process with the same piping size.



DIVERTING VALVE

In the standard configuration shut off valves (IN-OUT 180° or 90° or tangential), will allow to feed different fluid on a common pipe or, vice-versa to divert fluids flowing in the common line in 2 pipelines valves controlled. On demand, they are available with special customized configuration.



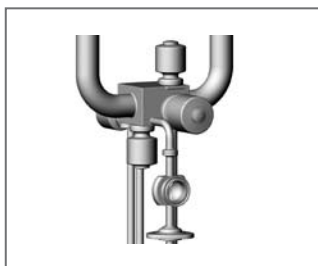
TANK WELDABLE VALVE

Those valves are designed to be able to be welded on top or bottom cover or on the body of vessels. With their long diaphragm they have flush flow seal and lives easy pipe connection even with jacketed vessel or when are used with zero dead leg TC connections.



TAKE OFF ON PIPE VALVE

Scope of such design is to be able to takeoff or feed fluid from a piping using valves with size smaller than the piping.



LOOP ASSEMBLY

Is a ready to use assembled valves for point of use applications. Available on several configuration. Sampling and process valves may be with or without SIP satellite valve. Sampling valve may be configured for bottle sampling or with holder for expandable bags.



BOTTOM TANK ASSEMBLY

Tank outlet valves comes in 2 standard configurations, with or without SIP satellite valve. Each configuration is available with short diaphragm for standard applications or long one to be used with extended body valves which offer the welding of jacket on the valve body.



DEEP TUBE-SPRAYBALL SPARGER

It is a tailored equipment that offer the possibility to feed fluid or gas in the preparation vessel, to perform CIP cycle with the integrated spray ball. In the special version it is added the gas barbotage during preparation. One tools for 2 or 3 functions. May be tailored from 10 to 2.000 liters.



BOTTOM POINT ASSEMBLY

Assembly ready to use, the typical configuration where is required condensate drain separately from CIP line plumbing configuration. It is flexible and offer ports for temperature sensor.