

Process Utilities

Introduction

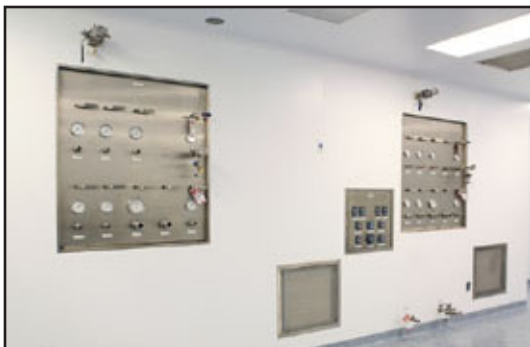
Process utilities exist within cleanroom environments in many complex configurations. These utilities are generated outside of the cleanroom space and are distributed to use-points inside the cleanroom. Therefore, the interface between these process utilities and the cleanroom architectural system is critical. Interface points must be well coordinated to ensure flush details, adequate structural support, and sufficient maintenance access.

Popular Solutions

Flush, recessed stainless steel service panel.
AES has designed a stainless steel panel that will be mounted flush into the 2" AES Pharma Wall System.

These panels are custom manufactured to AES Pharma Wall System specification to provide the required number of penetrations needed to service the process needs of the space.

The service panel can be inserted from the outside of a cleanroom from a service chase to allow maintenance of utilities or can be installed within a "box-out" formed from AES Pharma Wall System panels with an access panel for maintenance.



Utility Chase Box Outs

This design involves creating a box-out formed from AES Pharma Wall System cleanroom panels within the clean environment terminating at the appropriate working height with a stainless steel plate.

This option allows the utilities to be dropped down from the ceiling level through the chase, penetrating the stainless steel plate. The plate is custom manufactured to our specifications to provide the required number of penetrations needed to service the process needs of the space.



Toll-Free, 888-AES-CLEAN
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