

# Specific functions

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The enclosure of a clean room can be a positive factor for its environment by favouring the integration of special equipment and accessories.

## Special purpose partition walls

Partition walls are designed to allow for such integration and the user can thus choose from an array of structure systems :

- «special purpose» panels of the same module as that of adjacent panels to allow for fluid tubing, cable trucking and raceways to be run inside the interior wall,
- air extraction ducts enable air to be extracted across partitions, for small volumes.

The tightness, accessibility and disassembly of equipment, with respect to safety and ergonomics, must allow for satisfactory routine maintenance.

## Incorporated equipment

Several types of equipment are available:

- electrical accessories like lighting units, switches and power sockets.
- aeraulic equipment including compact filters or those mounted in boxes, air blowers and air recycling grids / ducts.
- safety and communication accessories such as emergency exit units, entrance/exit lamps, telephones, interphones and smoke detectors.

All these types of equipment and accessories can be integrated in the very inside of the partition wall or ceiling or even set on the wall depending on the level of finish required for the clean room, the risks of contamination associated with the activity and cleaning constraints. The tightness of interior walls must be inspected where the various elements are fitted.