# RABS for FPC50

## RESTRICTED ACCESS BARRIER SYSTEM

- For improvement of product protection
- Standard system including laminar air flow (LAF) system to maintain EU GMP Grade A clean environment
- Standard interface to FPC50 control system
- Manual intervention during production through glove ports
- Access door locked automatically during production

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# RABS TECHNICAL SPECIFICATIONS

When FPC50 is placed under laminar air flow, the access through curtains or guarding, for adding of vials, stoppers or caps or for manual intervention in the production, always compromises the sterile environment.

To avoid this Watson-Marlow Flexicon offers a RABS (Restricted Access Barrier System) providing:

- integrated laminar air flow system
- adding of empty vials and removal of filled vials through infeed/out feed ports
- adding of stoppers and caps through glove ports
- manual intervention in production through glove ports

Preparation of FPC50 for production will be done with the front door open, allowing full access to setup of FPC50. The front door is hinged, and the movement is supported by gas springs, that also hold the door while open.

During production the RABS will be closed, and access to the working part of the FPC50 is obtained by 4 glove ports on the front side and 2 glove ports on the rear side.

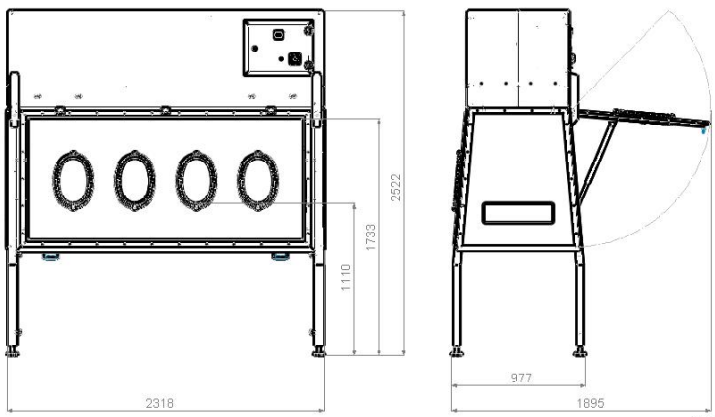
Through the glove ports it will be possible to add more stoppers and caps to the vibrator bowls. It will be possible to make adjustments to the setup of FPC50, and it will be possible to intervene in the production process manually.

The control of the RABS is done by the FPC50 control system to ensure that production cannot start unless the access door is closed, and the laminar air flow system is running correctly. The access door on the RABS is locked automatically when production is started and cannot be opened until production is stopped, and the operator requests the door to be released.

With the included laminar air flow system, EU GMP Grade A clean environment is maintained during production.

Lights are built into the upper part of the RABS providing good light in the working surface of the FPC50 during production.

To keep the air clean inside the production room, the speed of the laminar air flow system can be reduced, and the lights can be switched off, when the FPC50 is in standby mode. This will reduce the noise and use of energy. It will not be possible to operate the FPC50,




**Service connections:**
230VAC, 50 Hz,

**Consumption:**
1200W

**Materials:**
Stainless steel AISI304.
PolyCarbonate (windows)

**Weight:**
270kg



*Rev. 23.09.2009*