

Overview

AgroPharma 900 is a new concept for the High Speed door market.

The common configuration has been re-interpreted with new solutions for the food and pharmaceutical industries.

AgroPharma 900 allows designers and architects to include a high speed door in a clean room environment where a good air seal is required.

These environments usually require particular features such as :

- Frequent cleaning with high pressure equipment
- Low air leakage to keep the environment stable
- Reliability because the door has to insulate between the different environments

AgroPharma 900 delivers the best solution with its open upright design, full canopy with internal movable seal and the high level electronic safety detector.



Product compliant with EC Directive BS EN 13241-1



System Doors
SYSTON ROLLING SHUTTERS LTD TRADING AS SYSTON DOORS

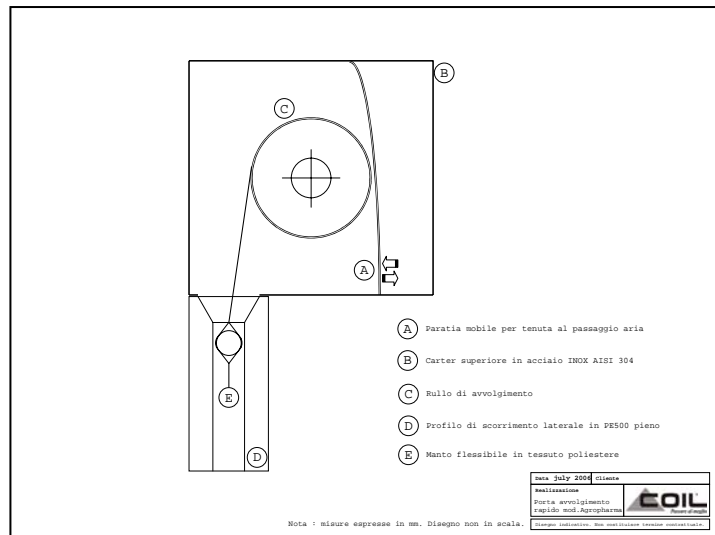
33 Albert Street, Syston, Leicester LE7 2JB, U.K.
Telephone: (0116) 260 8841 Fax: (0116) 264 0846
email: sales@syston.com
or visit www.syston.com

Product PLUS

AIRTIGHT

For special applications a standard high speed door does not offer an airtight solution. AgroPharma 900's design allows a very low leakage value thanks to :

- Movable seal inside the upper canopy that avoids air flow
- Special sealing properties of the curtain within the guide channel

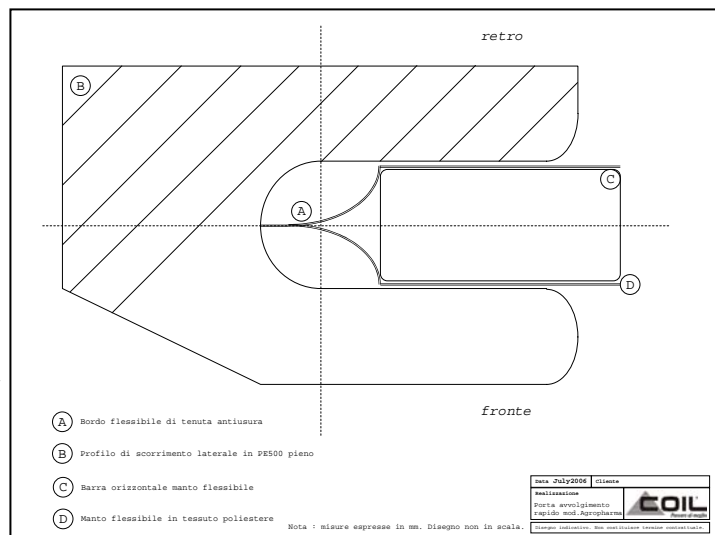


upper canopy vertical section

CLEANING

High hygiene levels are possible thanks to :

- Guides made from solid Polyethylene PE 500 and the casing from Stainless Steel 304 Grade finished in a non toxic white paint finish. Polyethylene can be washed down even with an aggressive cleaning solution.
- Open design of the side channels without any sharp angles and attached seals avoid bacterium nests
- Easy to clean guide channels and upper canopy. The operator does not have to open the structure to provide a complete clean.
- Smooth design with no photocells on the guide channels. Safety is provided by the safety detector mounted on upper canopy.



upright horizontal section

System Doors

SYSTEM ROLLING SHUTTERS LTD TRADING AS SYSTEM DOORS

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Technical Specifications

Structure

Self-support structure made of solid Polyethylene PE 500 uprights. Stainless Steel AISI 304 upper canopy fully closed with non-toxic White paint finishing.

Motor assembly

Fitted on front right side. Three-phase self-braking assembly powered by 220/380 V, with power rating of 0.6 kW. Comes with safety heat detector. Electromagnetic lock brake. Irreversible gear-motor oil-immersed, worm screw type. Cam limit-switch assembly. Housed in a watertight canopy.

Speed

Opening/closing speed up to 1.0 m/sec.

Flexible Curtain

Flexible polyester curtain with one row of transparent windows.
Horizontal reinforcement bars housed inside curtain pocket close with thermal-welding.
Flexible side edge seals.

Wind pressure resistance

BS EN 12424 Class 0 / 1.
Air pressure value with door in operation is approx 240 Pascal.

Air leakage

Air leakage value is approx 0,0015 square meters for a reference net opening of mm.2000 x H 3000.

Safety device

Emergency opening
Manual operation in the event of power failure or malfunction.
Safety detector
Electronic curtain beam stops downward movement of the door and returns it to the open position should any obstacle be detected.

PT Control Box/Board

The standard control panel includes an 'open' button and emergency stop button with latching facility to switch off the door. On the Plus control box is a lockable power switch, up and down push buttons, emergency push/lock button, and an automatic/manual selector. The box itself is a robust enclosure (protection degree IP 55, in compliance with updated CEE/CEI 44/5 and DIN standards). IP 65 compliant push-button board. The solid-state microprocessor digital electronic instrument panel affords easy programming and rapid replacement operations in the event of faults, as well as ensures interfacing with remote controls and timer programming. A self-diagnosis circuit detects and indicates malfunctioning by means of dedicated LED lamps. The board also features a safety heat detector.

Optional opening devices

A full range of remote controls are available e.g. mono/stereo radar, pushbuttons, radio control, induction loop system, pull cord, etc.

Warranty

Standard warranty of 12 months from date of installation.

Certification

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