

QuietDoor™ - PAS

Pneumatic Automation System

Raymond EMC has combined the versatility of programmable logic control with the reliability of pneumatics to create one of the most advanced shielded door automation systems on the market today. Fully customizable with a long list of available safety and security features, the Raymond EMC Pneumatic Automation System can meet virtually any requirements while outlasting today's other outdated systems.



Design Features

- Programmable logic control allowing for easy addition of peripherals or modification of system function
- Several inputs and outputs reserved for client-specified options such as card swipe/keypad activation, safety sensors, output to control panels and input from Life Safety Systems (LSS) such as fire alarms
- Automatic switching from automated mode to manual mode upon loss of air pressure or electricity eliminating the need for blow-out hinge blocks as seen on today's electric automation systems
- Pneumatic activation buttons eliminate the need for signal filters
- Pneumatic components rated at 3 million cycles
- Easily field integrated onto previously installed QuietDoor-RCM doors
- Available as a semi-automated system (complete with mechanical door closer) or as a fully-automated system (complete with an overhead door operator)

Optional Features

- Remotely mounted buttons and associated rigid conduit and switch boxes
- Safety sensors including safety switch mats, line-of-sight sensors and virtually any other safety sensor on the market that outputs low voltage
- Access technology integration such as a card swipe or keypad system
- Security valve (only available on systems with integrated access technology) that inhibits forced entry
- Life Safety System response where doors unlatch and hold open upon receiving specific user-provided emergency signal
- Supply and installation of dedicated air compressors
- New features and options are always in development

Standard Features

- Cover-mounted pneumatic activation buttons and air-release buttons on both sides of the door leaf
- Cycle counter
- Junction box complete with power transformer and terminal block
- Rigid and flexible metal conduit from the junction box to the automated system

Warranty

- Two-year limited warranty

System Requirements

- 110VAC 15A circuit (20A for fully automated systems)
- 2 cfm clean dry compressed air

Ottawa - Head Office

5185 Dolman Ridge Road
Ottawa, ON
613-841-1663/1-800-EMC-1495

USA

3446 Winder Highway, Suite M334
Flowery Branch, GA
1-800-EMC-1495 x342

1-800-EMC-1495

sales@raymondemc.com
raymondemc.com

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