

Pneumatic Entry **DOOR**

RF secured Entry « Soundproof »

- Secured access
- Release & Re-set times < 1 second
- Zero-frictional forces needed to manually open/close
- Fail Safe Release plus Emergency Override
- Flat Threshold
- Adjustable hinge for long-term alignment



- 98% Ferrous-free materials content
- Electro-pneumatic controls
- Various control choices available
- Acoustically rated
- Compressor Included
- Auto Open/Close Compatible

The smooth opening for MR rooms

Over the years, MRI suite entryways have evolved from the early copper spring finger designs and latch handle entries to the more reliable and easier to maintain pneumatic seal designs.

Through our field service experience in modifying and servicing various competitor products, we had the opportunity to see first hand how they have designed their pneumatic (non-spring finger) designs and we gained insight into the pros and cons of the different styles. What we learned is that fewer mechanical parts, a more simple pneumatic system and more flexibility of the controls are what makes a door entry design more effective, reliable and user friendly.

IMEDCO has engineered a pneumatic door system that has been tested and confirmed to not lose shielding effectiveness, with proper maintenance, over 50,000 cycles or more. This door achieves the security, ease of use and reliability critical to today's MRI suite environments.

With over 5 years of field experience from both customer and service feedback we are confident that our pneumatic design has become one of the most well-received entry systems in the industry. Our warranty is second to none. We offer a simple Push-to-Open with or without a keyed switch, a programmable keypad and circuitry that can be made compatible with hospital and clinic card reader/security systems.

Choose Access Control



Keypad

Enter code to release the RF Lock-seal enable door to be opened. Several programming techniques available, including multiple user codes and lockout codes.



Push-Button

Push button will release the RF Lock-seal and unlock the door.

Optional keyed lockout will enable or disable push button. Once switch is in on position the push button will release the RF Lock-seal and unlock the door.

3rd Party Card Reader

3rd Party Card Reader will provide 24V power to seal and release the RF Lock-seal and unlock the door.

Features

Door Position Sensor

When door is closed and makes contact with the door frame, sensor will activate and engage the RF Lock-seal, placing the door in a secured condition.



Emergency Button

The Exterior / Interior Emergency Open button will remove power from the door and release RF Lock-seal until reset. Audible alarm will sound when cover is lifted to alert staff that the lock system is being bypassed.

Back-up and Emergency Power

Standard

If power fails, RF Lock-seal will release and door can be opened. Release time is less than 1 second.

Battery Back-up Option

If power fails, Battery will keep RF Lock-seal functional to complete scan and operate for 24-48 hours. Access controls will remain operational as long as air remains in compressor.

Door system on Emergency Power

If power fails, RF Lock-seal will remain functional and access controls will remain operational as long as air remains in compressor.

Compressor and Door system on Emergency Power

RF Lock-seal will remain functional and all access controls will remain operational.