

# QuietDoor™ - HTh

## High Traffic Hinged Radio Frequency Shielded Door

The extremely low maintenance requirements of the QuietDoor-HTh make it the perfect radio frequency shielded door solution for high-traffic EMI/RFI systems. The compression-type seal offers exceptional shielding effectiveness while eliminating the constant wear and oxidation seen with conventional RCM shielded doors.



### Features

- Designed for high traffic applications (>200,000 cycles per year)
- Fingerless, low maintenance RF seal
- Standard, fully rectangular clear opening of 915mm (36") x 2135mm (84") with custom sizes available
- Mounted on a standard size 1219mm (48") x 2438mm (96") shielded panel for easy retro-fit
- Heavy duty construction including four hinges and four latching points
- Programmable Logic Controller (PLC) based pneumatic controls
- Lockable, all aluminum cover allows access to controls

### Operation

- Push-button or card swipe/keypad activation
- Standard overhead hydraulic door closer
- Optional full automation including overhead door swing operator

### QuietDoor-HTh Shielding Effectiveness Levels

<b>Magnetic Fields</b>	20 dB at 1 kHz, rising to 65dB at 10 kHz and 105 dB at 200 kHz
<b>Electric Fields</b>	120 dB from 200 kHz to 50 MHz
<b>Plane Waves</b>	120 dB from 50 MHz to 1 GHz
<b>Microwaves</b>	110 dB at 10 GHz
<b>Shielding Effectiveness Testing Standard: ITSG-O2</b>	

### Safety

- Upon loss of air pressure or electrical power, the system automatically unlatches for easy egress
- Life Safety Systems (LSS) such as fire alarms can be interfaced directly to the PLC to unlatch all doors in case of an emergency
- Latch pins are specifically designed to avoid becoming jammed

### Warranty

- Two-year limited warranty

### System Requirements

- 115VAC 15A Circuit
- 110 cfm clean dry compressed air