

EVO Air MRI Door



EVO Door



**EVO Door Shown with
Optional Window**

Key Features

- Easy-open, Lever-style Handle
- Flat Threshold
- Obscured Seals
- Seals Automatically
- Available in RF-Shielded and Acoustic Configurations, Single or Double Door
- Excellent for New or Existing Construction
- [Watch our Product Video](#)

Product Features

Standard Features

- Easy-open, lever-style handle
- Piston-driven (air door models only)
- Concealed seals
- Inherent acoustic properties
- Low profile on manual doors
- Flat threshold
- Easy clean threshold

Highly Reliable Sealing, Easy-open, Easy-close Operation

Traditional RF doors typically require excessive force for opening and closing, due to a friction RF seal design. Frictional forces are eliminated in the EVO Air, resulting in a smooth, highly reliable, easy-open, easy-close operation. The door automatically seals when pulled into the closed position. The logic mechanism for both the open and close operation is easily activated by the door handle. The door operates on a standard 115 VAC service and clean, dry shop air at 60 to 120 psi or equivalent international standards.

Designed for Safety

A flat threshold allows for smooth patient transport. Safety is assured with features such as an ADA-compliant latch and lock mechanism, an emergency Open button that can be mounted per customers needs, and a fail-safe logic and controller system

ETS-Lindgren EVO Air Door offers revolutionary, leading-edge MRI door technology in a lightweight, mechanically operated, high performance shielded door. The EVO Air Door is available in three distinct door configurations: RF-Shielded, Acoustic and Dual leaf. Each door is distinguished by a pneumatically operated, bladderless, gasketless, fingerless, virtually maintenance-free RF sealing system that ensures greater reliability, yet maintains ease of use.

Optional Accessories:

All doors in the EVO Series are customizable, and allow for many options and features required to meet specific needs or concerns of every installation. These options include:

- Windows up to 60.96 cm X 60.96 cm (24 in X 24 in)
- Magnetic Lock
- Keypad
- Blow-out Panel
- Automatic Open/Close
- [Safe IV Port](#)

Optional Shielding Materials:

For further customization of the EVO Door Series, ETS-Lindgren can include additional shielding materials, such as lead or steel, to the door system where multiple modalities are connected.

that fails in the Open position in the event of power or air pressure loss. By interfacing with the logic system, additional safety features can be added, such as card readers, magnetic locks, door closers and more. Heavy duty, all stainless- steel frame construction provides the strength and endurance required for automation, while ADA-compliant flat thresholds make patient transport smooth and effortless. The EVO Air features attractive hardware and an aesthetically pleasing finish.

Acoustic Door

The EVO Air Acoustic door has been designed and developed to deliver exceptional STC ratings for sound abatement. Louder gradients can be annoying to rooms surrounding the MRI suite. The specially developed acoustical seal design, core material and overall weight aid in minimizing sound transmission while providing automatic RF sealing and minimal opening and closing forces.

- STC-32
- STC-44

RF-Shielded Configuration

The EVO Air RF-Shielded Doors offer attractive hardware along with a laminate finish. The EVO Air Door provides 100 dB attenuation over frequency ranges of up to 450 MHz and is ideal for surgical MRI suites with its automatic sealing operation.

Specifications

Physical Specifications

Nominal Sizes Include:

.91 m x 2.13 m (3 ft x 7 ft)

1.22 m x 2.13 m (4 ft x 7 ft)