

PRODUCT SPECIFICATIONS



ANTI-CUT



ANTI-DRILL



ANTI-PRY



ANTI-IMPACT

Heavy-Duty Door Protection

ACTIVE ANTI-CUT SYSTEM

Our advanced, patent-pending anti-cut system defends against saw attacks from power tools. It features a self-healing mechanism that minimizes damage from repeated localized attack.

ANTI-DRILL PLATES

Robust plates affixed to the door interior provide a formidable shield against steel and carbide drills and hole saws.

INTERLOCKING ASTRAGAL

Precise astragal overlap between door and frame thwart pry attempts at the door seam.

STAINLESS STEEL CONTINUOUS HINGE

Through-bolted continuous hinge provides pry protection and ensures rapid retrofit install to existing door frames.

INTEGRATED MULTI-POINT LOCKING

Integrated multi-point locking ensures security, with a range of options for your application needs.

Features Summary

DOOR STRUCTURE

- 18 gauge galvanized steel, standard sized at 36 x 84 in. (3 x 7ft)
- Polystyrene-filled core.
- No fire rating (current)
- 250 lbs. system weight (standard)

ANTI-CUT ASSEMBLY

- Patent Pending active anti-cut assemblies integrated into door interior.
- Optimized pattern in highest-risk attack areas.

ANTI-DRILL PLATES

- 14 - gauge steel plates precision hardened for performance.
- Pre-drilled and bonded to interior of door skin.

INTERLOCKING ASTRAGAL

- 2-part steel astragal.
- Size dependent on door configuration.

STAINLESS STEEL CONTINUOUS HINGE

- US32D satin stainless steel heavy-duty hinge, optimized for HD1 system.
- Size dependent on door configuration (half mortise, full surface)

PUSH PADDLE

- Standard (12 in.)
- California-compliant (18 in.)

Options Summary

DOOR SIZES AND CONFIGURATIONS

- 36-40-42-44-48 in. (w) x 80-82-84-86-96 in. (h) available.
- Single or double door (with or without mullion) available.

HEAVY-DUTY DOOR CLOSER

- Leverage existing or new HD door closer (recommended)

BATTERY-OPERATED ALARM

- Wall-mounted box with 95 dB alarm.
- Powered by 9V (x2) batteries.
- Mortise cylinder by others.

DELAYED-EGRESS ALARM

- Wall-mounted box with 95 dB alarms.
- 24V AC transformer, wall mounted power supply and battery backup
- Mortise cylinder by others.

ENTRY HANDLES

- Manual: Stainless steel lever body and mounting plate with breakaway lever.
- Electric: 24V DC electronic entry controlled by access control system (by others)
- Mortise cylinder by others (both)

COLORS

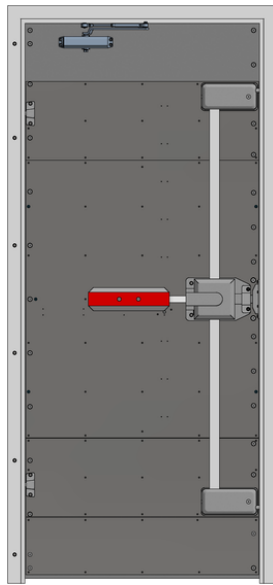
- Bronze, Gray, and White (standard)
- Custom colors available. (additional cost)
- Interior and exterior can be different

WARRANTY

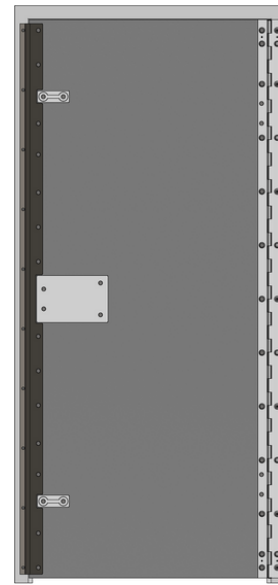


System Details (Door)

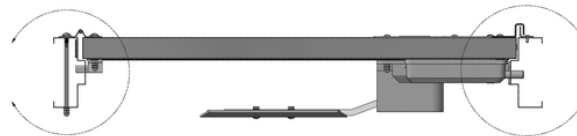
Single Door



(Interior, Typ)

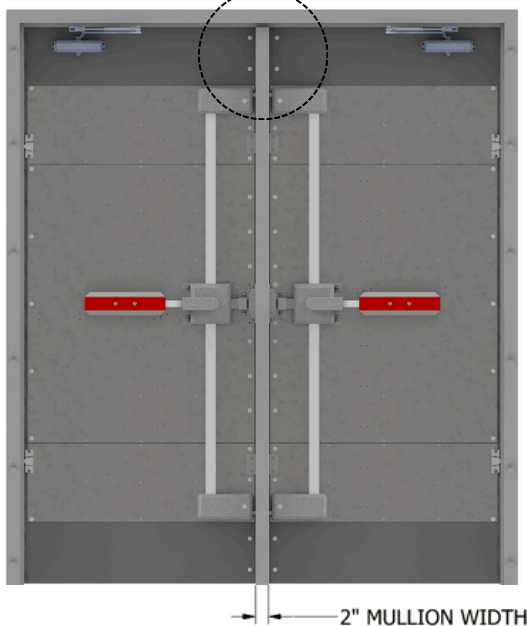


(Exterior, Typ)

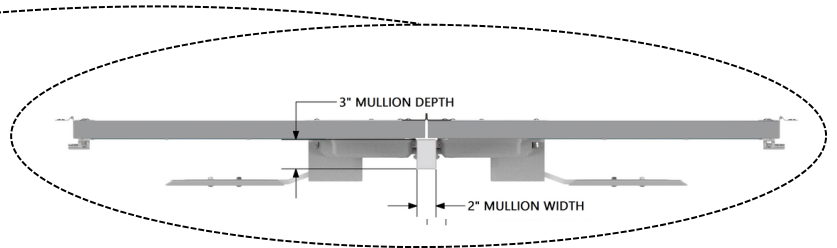


(Top, Typ)

Double Door



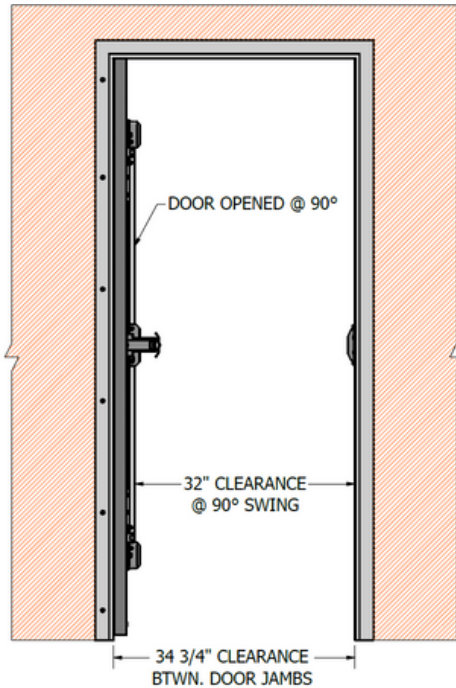
(Interior, Typ)



- Double door with fixed or removable mullion (per application)
- Standard and custom configurations available.

System Details (Clearance)

Front View



(Front view from building interior)

MINIMUM CLEARANCE

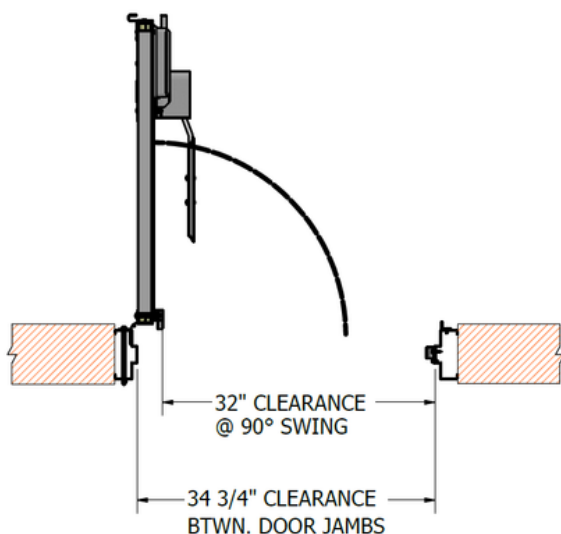
QMi doors are sized to a minimum of 36 in. finished width for ADA Egress Compliance.

Code requires 32" Minimum Width-Clearance @ 90 degree open-door position, with the exception of a 28" minimum width-clearance in the exit-device region located at approximately 42" above finished floor.

With Trident Exit-Device Lock installed, this translates to:

- 34-3/4" clear opening between door jambs
- 32" clear opening from hinge-side bolts to latch-side jamb
- 28" clear opening from exit-device paddle to latch side jamb

Top View

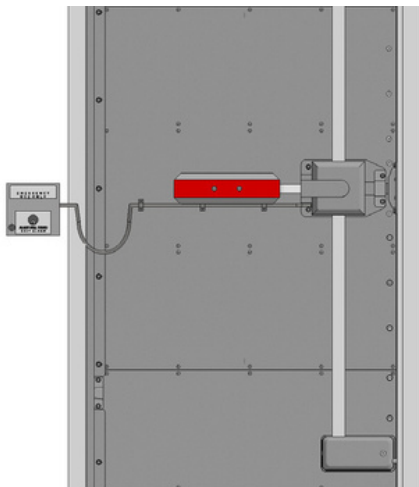


(Top view from above)

Option Details (Alarm, Egress, and Entry)

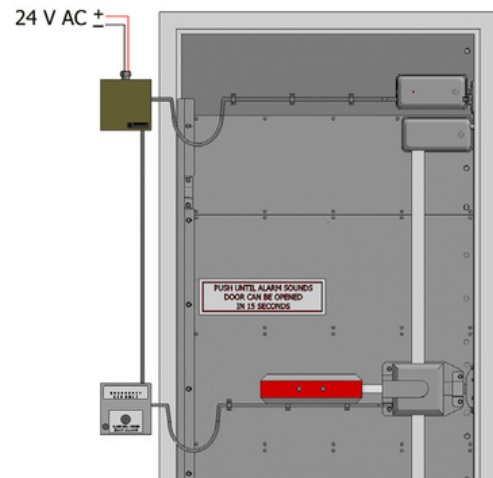
Battery-Operated Alarm

- Wall-mounted alarm box w/95 dB alarm.
- Powered by (2x) 9V batteries.
- Wire loop transfer from door-to-door alarm. (as shown)
- Mortise cylinder by others.



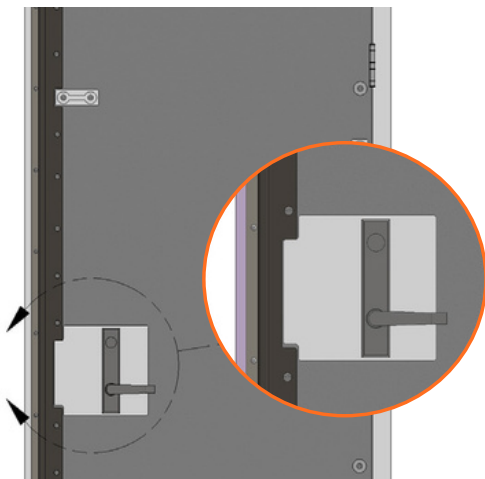
Delayed Egress Alarm

- Wall-mounted power supply box with battery backup.
- Wall-mounted alarm box w/95 dB alarm.
- Mortise cylinder shunt/reset.
- Alarm box cover lock with keys.
- Armored wire-loop transfer from door to alarm. (as shown)
- Mortise cylinder by others.
- 24V AC transformer supplied-wiring by others.



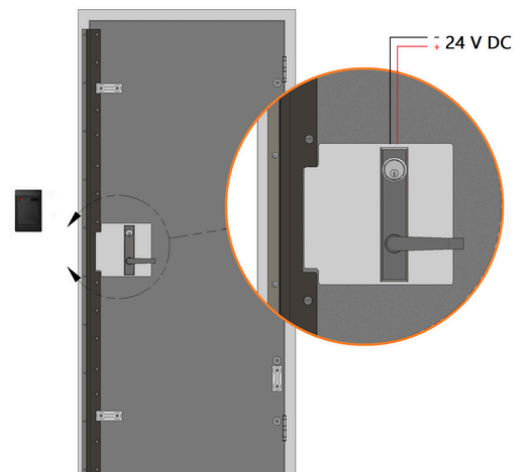
Exterior Handle Entry (Manual)

- Stainless steel lever body and mounting plate.
- Break-away lever handle prevents unwanted removal from attacks.
- Mortise cylinder by others.



Exterior Handle Entry (Electric)

- 24V DC electronic entry controlled by access control system. (by others)
- Stainless steel lever body and mounting plate.
- Break-away lever handle prevents unwanted removal from attacks.
- Mortise cylinder by others.



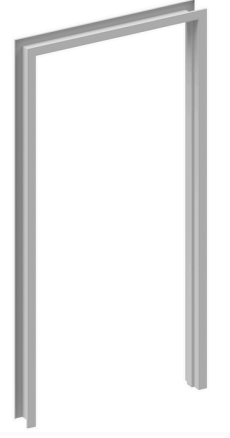
Option Details (Frame and Colors)

Framing

The HD1 system is designed to install in under 4 hours into legacy framing with continuous hinge.

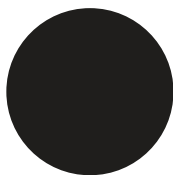
However, should new framing be required, QMi can supply knock-down or welded framing for installation into structure before attaching the HD1 High Security Door.

Frame installation fasteners, spacing, and other mounting details dependent upon site-specific wall materials and condition.

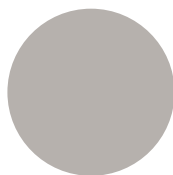


(Knock Down, Ref)

Colors and Finish



Bronze



Gray



White



Custom

Standard and custom paint colors available in wet paint only.
Interior and Exterior colors can be different.

Contact your QMi Sales or Project Support Representative for pricing and lead times on custom color options.