COOKSON
THE COOKSON COMPANY, INC.

A·D·S AUTOMATIC DOOR SPECIALISTS
Puertas & Portones Automáticos, S.A. de C.V
¡Nuestra pasión es la Solución!....

KONTROL™ ACCORDION DOORS

FIRE, SOUND & SIGHT

V10.15

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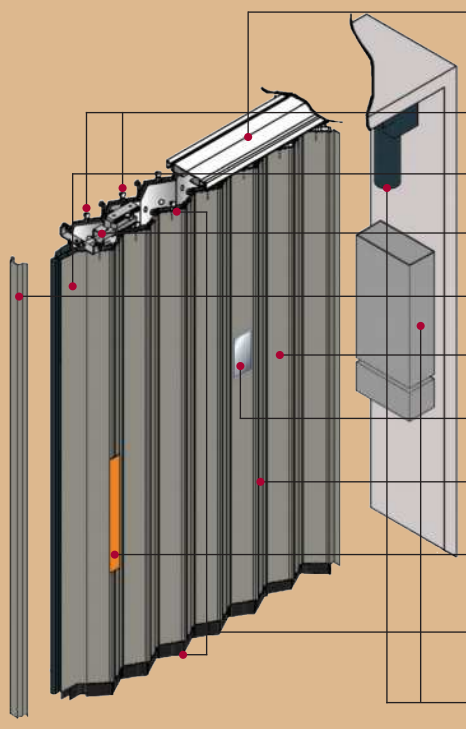
RESIDENCIAL COMERCIAL INDUSTRIAL

MEMBER IDA International Door Association

FIRE KONTROL™ ACCORDION DOOR



- **Single and Bi-Parting Doors** - Single door is shown, Bi-Parting Doors are available
- **Track** - Contoured steel for 3 Hr rated doors
  Extruded aluminum for doors up to 1½ Hr rating
  Curved track available
- **Rollers** - Ball bearing roller attached to each panel with 12 roller lead post trolly system
- **Lead Post with Sensing Edge** - Stops a door when contacted during closing cycle
- **Stabilizer Bar** - Keeps Lead Post vertical and in proper alignment
- **Wall Mounted Strike Post** - Recessed or surface mounted 18 gauge steel finish to match panels
- **Panels** - 4½" wide 24 gauge steel
- **Vision Window** - (optional) 2 5/8" x 5 3/4" wire glass viewing area
- **Hinges** - Continuous length 24 gauge steel allows for simple panel installation and replacement
- **Exit Bar** - ADA compliant vertical exit bar located on both sides of door.
  ADA / Exit instruction provided. Additional Exit Bars can be provided for wide doors (optional).
- **Smoke and Fire Seals** - Fire retardant header and floor sweeps for fire and smoke protection
- **Motor Operation** - ¼ HP (up to 100 Sq. Ft) or ½ HP DC motor operated by 2 maintenance free continuously charged batteries. The door will operate with or without AC power.
- **Finish** - Panels and Hinges Platinum Gray FinalCote
  Track White ColorCote
  ColorCote powder coated finish available in 180 Standard Colors (optional)

Size Limitations: 3' 6" to 22' 0" High
Maximum 1,600 Square Feet

Weight: 5.5 Lbs per Square Foot when fully closed

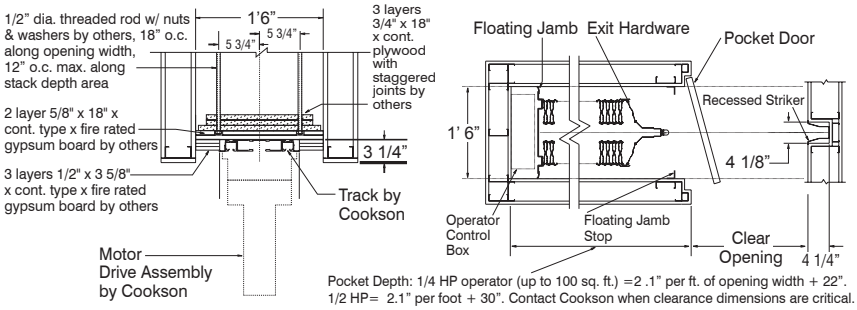
Operation

Upon activation of a central alarm system or smoke detector, Fire Kontrol Accordion Door automatically closes to prevent the spread of fire and smoke. When in the activated (emergency) mode, pressure on the Exit Bar will cause the door to open 54", pause for 3 seconds and then automatically close. The doors can also be opened manually by pushing against the lead post with sensing edge.

Ratings

- UL 3, 1 ½, 1, ¾, ½, and 1/3 hour ratings
- UL "S" smoke label
- Factory Mutual Listing
- California State Fire Marshal Listing
- STC 41 rating
- Compliant with the American with Disabilities Act Accessibility standards
- Acceptable for use in openings that are part of a required means of egress
- ICC-ES Evaluation Report available

Head Detail (1½ Hour Straight Track Design Shown) **Plan View**



Pocket Depth: 1/4 HP operator (up to 100 sq. ft.) =2 .1" per ft. of opening width + 22".
1/2 HP= 2.1" per foot + 30". Contact Cookson when clearance dimensions are critical.

Security

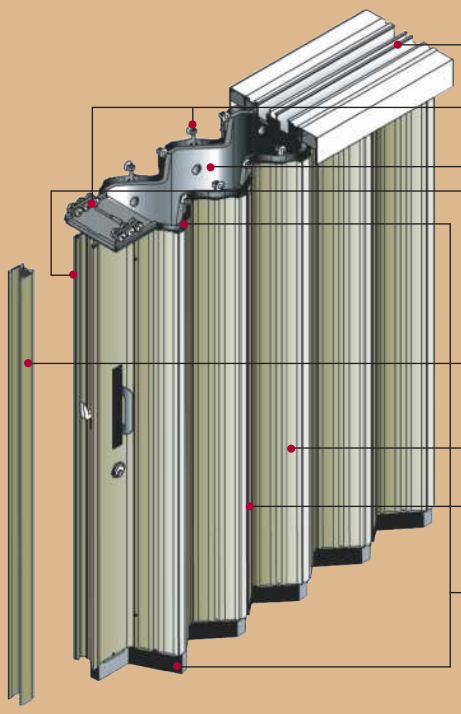
Optional security mode so door can be used for security as well as fire protection. In security mode the door is secured in the closed position and Exit Bar is inactive. Upon an alarm activation the Exit Bar becomes operational.

Applications

- Openings requiring building code compliant emergency egress
  - Elevator
  - Lobbies
  - Wide Exits
  - Fire Rated Corridors
- Alternative to banks of fire rated swing doors for:
  - Atriums
  - Hotels and conference centers
  - Medical and Educational Facilities
  - Casinos
  - Sports Arenas
- Openings with minimal headroom
- Openings with a radius or a curve

FIRE Kontrol™ ACCORDION DOORS by Cookson

SOUND KONTROL™ ACCORDION DOOR



- **Single and Bi-Parting Doors** - Single door is shown, Bi-Parting Doors are available
- **Track** - Heavy Duty extruded aluminum or formed steel shape for smooth operation
- **Rollers** - Ball bearing roller attached to each panel
  Lead post has multiple sets of dual rollers
- **Lead Post** - Extruded Aluminum with grip handles and hook bolt locking mechanism.
  Keyed locking is optional. ColorCote finish to complement panels
- **Sound Blocker Lining** - Both interior panel surfaces fitted with continuous blankets
  of sound absorbing material secured with tear resistant fasteners
- **Wall Mounted Strike Post** - Extruded aluminum shape to accept hook bolt lock.
  ColorCote finish to complement panels.
- **Panels** - 4 ½" wide 24 gauge steel, vinyl coated
- **Hinges** - Continuous length vinyl allows for simple panel installation and replacement.
  Color matched to complement panels
- **Header and Floor Sweeps** - Vinyl seals eliminate gaps at floor and head area
- **Operation** - Easy push pull manual operation. Motor operation available as an option.
- **Finish** - Panels available with vinyl finishes
  Track white ColorCote standard

Size Limitations: 3' 6" to 22' 0" High
Virtually any width

Weight: 4.5 Lbs per Square Foot when fully closed

Open Space Sound Reduction

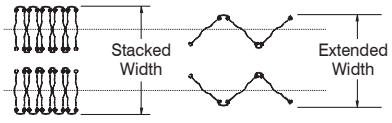
The Sound Kontrol Accordion Door offers noise reduction with minimal space requirements for tracks and storage of the door. It is the perfect solution when an open environment is desired but noise reduction is required. With an STC rating of 45, Sound Kontrol Accordion Door is the perfect cost effective solution when separating larger spaces.

Multiple Finishes

The Sound Kontrol Accordion Door is available in many vinyl finishes.

Ratings • STC 45 rating per ASTM E 90

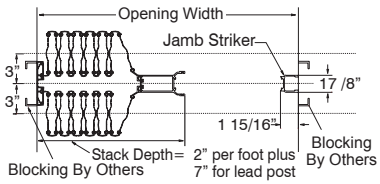
DOOR PROFILE WIDTHS



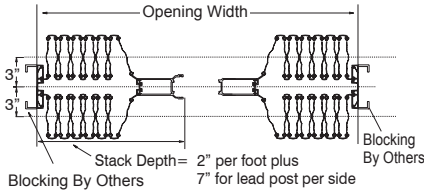
Manual Operated Doors Below 12'H :
Stacked Width: 11 9/16"- Extended Width: 10 1/4"t o1 0 7/8"

Motorized Doors& Manual Operated Doors Above 12'Ho r 30' W:
Stacked Width: 13 9/16"- Extended Width: 12 1/4"t o1 2 7/8"

PLAN VIEW - SINGLE SLIDE, FIXED JAMB



PLAN VIEW - BI-PART, FIXED JAMB



STOCK FINISHES

Almond Embossed Weave	Driftwood Embossed Weave	Vanilla Cream Embossed Leather

Available Options

- Pocket Door made of 12 gauge steel with ColorCote Finish to match lead post (maximum height 12' 0")
- Curved Track
- Motor Operation
- Thumbturn or Cylinder locking at Lead Post

Applications

- Openings requiring space separation with reduced sound transmission

Religious Facilities	Hotel Multi-function Rooms
Educational Facilities	Conference Centers
Government Facilities	Airports
Community Centers	Museums
Health Care Facilities	Office Buildings

SOUND Kontrol™ ACCORDIOND OORS by Cookson

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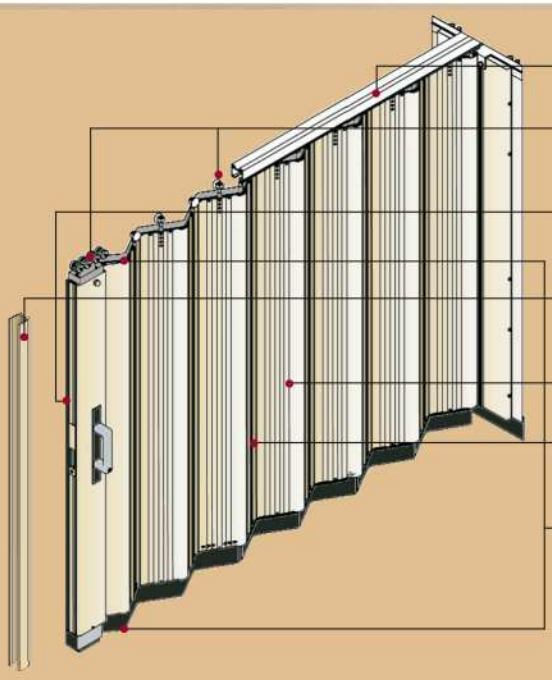


- **Track** - Heavy Duty extruded aluminum or formed steel shape for smooth operation
- **Rollers** - Ball bearing roller attached to each panel
  Lead post has multiple sets of dual rollers
- **Lead Post** - Extruded Aluminum with grip handles and hook bolt locking mechanism.
  Keyed locking is optional. ColorCote finish to complement panels
- **Wall Mounted Strike Post** - Extruded aluminum shape to accept hook bolt lock.
  ColorCote finish to complement panels.
- **Panels** - 4 ½" wide 24 gauge steel, vinyl coated
- **Hinges** - Continuous length vinyl allows for simple panel installation and replacement.
  Color matched to complement panels
- **Header and Floor Sweeps** - Vinyl seals eliminate gaps at floor and head area
- **Operation** - Easy push pull manual operation. Motor operation available as an option.
- **Finish** - Panels available with vinyl finish one side standard (vinyl finish both sides optional)
  Track white ColorCote standard

Size Limitations: 3' 6" to 18' 0" High
Virtually any width

Weight: 1.9 Lbs per Square Foot when fully closed

STOCK FINISHES

Almond Embossed Weave	Driftwood Embossed Weave	Vanilla Cream Embossed Leather

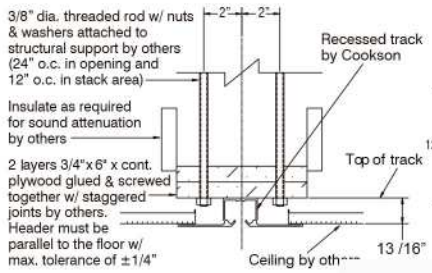
Economical Space Separation

The Sight Kontrol Accordion Door offers separation of spaces at a cost effective price. Ideal for separating kitchen from eating areas or closing off storage areas from work areas. Provides an STC rating of 30.

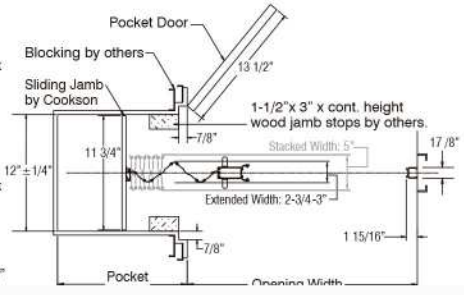
Multiple Finishes

The Sight Kontrol Accordion Door is available in many vinyl finishes.

Head Detail



Plan View



Available Options

- Pocket Door made of 12 gauge steel with ColorCote Finish to match lead post (maximum height 12' 0")
- Curved Track
- Thumbturn or Cylinder locking at Lead Post
- Vinyl finish both sides of door

Applications

- Openings requiring space separation

Religious Facilities	Hotel Multi-function Rooms
Educational Facilities	Conference Centers
Government Facilities	Airports
Community Centers	Museums
Health Care Facilities	Office Buildings

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