Adjustable ball bearing trucks in box type tracks for smooth operation—(4-wheel trucks on end bar, 2-wheel trucks on intermediate).

Cylinder locks mortised into gate end bar. Keyed both sides. Yale mortise cylinders, or master-keyed to building system.

Machined roller bearings in all vertical channels assure ease of operation, proportionate spacing of lattice bars.
ACORN folding gates are designed for use as traffic control units in school corridors, institutions and commercial buildings. They are used as control units for driveways, loading platforms, and permit doors to be opened for ventilation without loss of security. Compact and easy to operate, they can be adapted to fit most conditions.

- **Strength**
- **Security**
- **Simplicity**

**Surface mounted folding gates**
Bostwick, 5700 series, Lazy Tong, 5600 series, for use where recessed features are not required.

**Recessed folding gates**
Bostwick, 5700 series, gates complete with flush, recessed wall cabinets and lock bars.

**Portable folding gate**
Bostwick, 57P series.

$\frac{3}{16}$" cold-rolled Z bar frame at sides and top of shallow cabinets for adequate strength. C section door edges prevent distortion.

$8"$ seven knuckle gate hinge, $\frac{3}{16}$" leaf, $\frac{3}{16}$" pin, mortised into Z bar frame. Offset hinge permits cabinet door to close with gate in either position.

$\frac{3}{16}$" thick cold-rolled facia strip and door on deep type cabinets for adequate strength and better finished appearance.
**Bostwick**

no. 5750S, single, 12' maximum width
Jack-knife brace on gates over 4’ wide. Folding bottom track over 8’ wide. Hasp or cylinder lock.

no. 5743D, double, 20’ maximum width
no. 5743S, single, 16’ maximum width
Hinged top and bottom tracks. Hasp or cylinder lock. Maximum height 7’-6”.

**Lazy Tong**

no. 5654, single, 12' maximum width
Gate hinged or fixed at side. May be used with hasp for padlock or cylinder lock.

no. 5641, double, 16' maximum width
Gates hinged or fixed at sides. Center-locking floor bolt. Center bars extend opening height to fixed top brace where practical. Large floor bolt furnished where top brace impractical.

**typical plans for gate placement**

plan 2A
Gates placed in the opening stack fixed in line or flat against wall.

plan 2B
Gates placed on face of wall, stack clear of opening.
no. 5748D, double, unlimited width
no. 5748S, single, unlimited width

Fixed overhead track. Floor bolts or folding bottom track. Hasp or cylinder lock.

no. 5649D, double, sectional, unlimited width
no. 5649S, single, sectional, unlimited width

Permanent overhead track. Gates in sections with padlocking floor bolts. Gates may stack flat against wall or clear of opening.

Bostwick, 5700 series; Lazy Tong, 5600 series, for use where recessed features are not required.

specifications:

BOSTWICK

no. 5750 - Gate shall be no. 5750.
Constructed of ¾" channels spaced vertically not over 6" o.c. Lattice bars 5/8" x 3/16". Fully enclosed end bars. All moving parts fitted with rollers. All cold-rolled material. Hasp for padlock or cylinder lock.

no. 5743 - Gate shall be no. 5743.
Constructed of ¾" channels spaced vertically not over 6" o.c. Lattice bars 5/8" x 3/16". Fully enclosed end bars. All moving parts fitted with rollers. All cold-rolled material. Hasp for padlock or cylinder lock.

LAZY TONG

note: Gate loses 1 1/2" per foot in height when extended.

no. 5654 - Gate shall be no. 5654.
Constructed of ¾" channels riveted back-to-back not over 6" o.c. Fully enclosed end bars to receive rollers. All cold-rolled material. Hasp for padlock or cylinder lock.

no. 5641 - Gate shall be no. 5641.
Constructed of ¾" channels riveted back-to-back not over 6" o.c. Fully enclosed end bars to receive rollers. All cold-rolled material. Hasp for padlock or cylinder lock.

no. 5649 - Gate shall be no. 5649.
Constructed of ¾" channels riveted back-to-back not over 6" o.c. Fully enclosed end bars to receive rollers. All cold-rolled material. Hasp for padlock or cylinder lock.

Specifications are subject to change. Please consult your ACORN sales rep or visit www.acornwire.com for more details.
**deep cabinet — 12’ maximum corridor width**

**no. 5762S**
Single type folding gate, 7’6” recommended maximum height. Hinged top and bottom tracks. Roller bearing construction throughout. All cold-rolled material for better appearance. Cylinder locks on gate and cabinet keyed regular or master-keyed to building system. Gates can exceed maximum width but require special recess dimensions.

**shallow cabinet — 16’ maximum corridor width**

**no. 5761S**
Single type folding gate, 7’6” recommended maximum height. Hinged top and bottom tracks. Roller bearing construction throughout. All cold-rolled material for better appearance. Cabinet door can be closed and locked when gate is in use. Cylinder locks on gate and cabinet keyed regular or master-keyed to building system. Gates can exceed maximum width but require special recess dimensions.
recessed folding gates

- single type
- hinged top track
- hinged bottom track

specifications:

no. 5762S - Gate shall be no. 5762S. Vertical members shall be two \( \frac{3}{4}'' \times \frac{3}{8}'' \) cold-rolled channels spaced not over 6” o.c. Lattice bars \( \frac{3}{8}'' \times \frac{1}{4}'' \) cold-rolled flat steel. Vertical end bars shall be cold-rolled box type sections to receive roller bearings and cylinder lock. All moving parts shall be fitted with rollers. Hinged top and bottom tracks shall have gusset braces in all corners, automatic hold up for top track, rubber floor rests for bottom track. Gate shall have self-locking tie back arm. Cabinet constructed of 12-gauge formed sheet steel with \( \frac{3}{16}'' \) thick cold-rolled facia strips and door. Gate and cabinet locks shall have Yale \( 1\frac{5}{32}'' \) diameter 5 pin tumbler mortise cylinders keyed alike, or master-keyed to building system. Gate and cabinet shall have standard factory finish, color as selected.

no. 5761S - Gate shall be no. 5761S. Vertical members shall be two \( \frac{3}{4}'' \times \frac{3}{8}'' \) cold-rolled channels spaced not over 6” o.c. Lattice bars \( \frac{3}{8}'' \times \frac{1}{4}'' \) cold-rolled flat steel. Vertical end bars shall be cold-rolled box type sections to receive roller bearings and cylinder lock. All moving parts shall be fitted with rollers. Hinged top and bottom tracks shall have gusset braces in all corners, automatic hold up for top track, rubber floor rests for bottom track. Gate shall have self-locking tie back arm. Cabinet constructed of \( \frac{3}{16}'' \) cold-rolled Z bar frame with 16-gauge steel back. Flush 16-gauge door shall have formed C edges. Gate shall have special hinges permitting cabinet door to close and lock when gate is in both stacked and extended position. Gate and cabinet locks shall have Yale \( 1\frac{1}{8}'' \) diameter 5 pin tumbler mortise cylinders keyed alike, or master-keyed to building system. Gate and cabinet shall have standard factory finish, color as selected.

Specifications are subject to change. Please consult your ACORN sales rep or visit www.acornwire.com for more details.
**Deep Cabinet — 20’ Maximum Corridor Width**

**No. 5762D**
Double type folding gate, 7’6” recommended maximum height.  
Hinged top and bottom tracks.  
Roller bearing construction throughout.  
All cold-rolled material for better appearance.  
Cylinder locks on gate and cabinets keyed regular or master-keyed to building system.  
Gates can exceed maximum width but require special recess dimensions.

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**Shallow Cabinet — 20’ Maximum Corridor Width**

**No. 5761D**
Double type folding gate, 7’6” recommended maximum height.  
Hinged top and bottom tracks.  
Roller bearing construction throughout.  
All cold-rolled material for better appearance.  
Cabinet doors can be closed and locked when gate is in use.  
Cylinder locks on gate and cabinets keyed regular or master-keyed to building system.  
Gates can exceed maximum width but require special recess dimensions.
• double type
• hinged top track
• hinged bottom track

specifications:

no. 5762D - Gate shall be no. 5762D. Vertical members shall be two ¾" x ⅛" cold-rolled channels spaced not over 6" o.c. Lattice bars ¼" x ⅛" cold-rolled flat steel. Vertical end bars shall be cold-rolled box type sections to receive roller bearings and cylinder lock. All moving parts shall be fitted with rollers. Hinged top and bottom tracks shall have gusset braces in all corners, automatic hold up arms for top tracks, rubber floor rests for bottom track. Gate shall have self-locking tie back arms. Cabinets constructed of 12-gauge formed sheet steel with ⅛" thick cold-rolled facia strips and door. Gate and cabinet locks shall have Yale 1½" diameter 5 pin tumbler mortise cylinders keyed alike, or master-keyed to building system. Gate and cabinet shall have standard factory finish, color as selected.

no. 5761D - Gate shall be no. 5761D. Vertical members shall be two ¼" x ¼" cold-rolled channels spaced not over 6" o.c. Lattice bars ¼" x ⅛" cold-rolled flat steel. Vertical end bars shall be cold-rolled box type sections to receive roller bearings and cylinder lock. All moving parts shall be fitted with rollers. Hinged top and bottom tracks shall have gusset braces in all corners, automatic hold up arms for top tracks, rubber floor rests for bottom track. Gate shall have self-locking tie back arms. Cabinets constructed of ⅛" cold-rolled Z bar frames, with 16-gauge steel backs. Flush 16-gauge doors shall have C edges. Gate shall have special hinges permitting cabinet doors to close and lock when gate is in both stacked and extended position. Gate and cabinet locks shall have Yale 1½" diameter 5 pin tumbler mortise cylinders keyed alike, or master-keyed to building system. Gate and cabinets shall have standard factory finish, color as selected.

Specifications are subject to change. Please consult your ACORN sales rep or visit www.acornwire.com for more details.
shallow cabinet — 20’ maximum corridor width

no. 5766S
Single type folding gate, full opening height. Over 8’ high, 3 row lattice. Hinged bottom track, permanent overhead guide channel notched at side to permit gate to hinge into cabinet. All roller bearing construction. Cabinet door can be closed and locked when gate is in use. All cold-rolled material. Cylinder locks on gate and cabinet keyed regular or master-keyed to building system. Gates can exceed maximum width but require special recess dimensions.

deep cabinet — unlimited width

no. 5765S
Single type folding gate, full opening height. Over 8’ high, 3 row lattice. Hinged bottom track, permanent top guide recessed into ceiling. Roller bearing construction for easy operation. All cold-rolled material for better appearance. Cylinder locks on gate and cabinet keyed regular or master-keyed to building system. Gate can be hung from permanent top track if suitable support is present.
recessed folding gates (cont.)

- single type
- fixed top track
- hinged bottom track

specifications:

no. 5766S - Gate shall be no. 5766S. Vertical members shall be two ¾” x 3/8” cold-rolled channels spaced not over 6” o.c. Lattice bars 5/8” x 3/16” cold-rolled flat steel. Vertical end bars shall be cold-rolled box type sections to receive roller bearings and cylinder lock. All moving parts shall be fitted with rollers. Top guide shall be 2½” x 2¼” channel. Bottom track shall have gusset braces and rubber floor rests. Gate shall be fitted with self-locking tie back arm. Cabinet constructed of 3/16” cold-rolled Z bar frame with 16-gauge steel back. Flush 16-gauge door shall have formed C edges. Gate shall have special hinges permitting cabinet door to close and lock when gate is in both stacked and extended position. Gate and cabinet locks shall have Yale 1 5/32” diameter 5 pin tumbler mortise cylinders keyed alike, or master-keyed to building system. Gate and cabinet shall have standard factory finish, color as selected.

no. 5765S - Gate shall be no. 5765S. Vertical members shall be two ¾” x 3/8” cold-rolled channels spaced not over 6” o.c. Lattice bars 5/8” x 3/16” cold-rolled flat steel. Vertical end bars shall be cold-rolled box type sections to receive roller bearings and cylinder lock. All moving parts shall be fitted with rollers. Top guide shall be 16-gauge channel. Bottom track shall have gusset braces and rubber floor rests. Gate shall be fitted with self-locking tie back arms. Cabinet constructed of 12-gauge formed sheet steel with 3/16” thick cold-rolled facia strips and door. Gate and cabinet locks shall have Yale 1 ½” diameter 5 pin tumbler mortise cylinders keyed alike, or master-keyed to building system. Gate and cabinet shall have standard factory finish, color as selected.

Specifications are subject to change. Please consult your ACORN sales rep or visit www.acornwire.com for more details.
**shallow cabinet — 40’ maximum corridor width**

**no. 5766D**

Double type folding gate, full opening height. Over 8’ high, 3 row lattice. Hinged bottom tracks, permanent overhead guide channel notched at ends to permit gates to hinge into cabinets. All roller bearing construction. Cabinet doors can be closed and locked when gate is in use. All cold-rolled material. Cylinder locks on gate and cabinets keyed regular or master-keyed to building system. Gates can exceed maximum width but require special recess dimensions.

**deep cabinet — unlimited width**

**no. 5765D**

Double type folding gate, full opening height. Over 8’ high, 3 row lattice. Hinged bottom tracks, permanent top guide recessed into ceiling. Roller bearing construction for easy operation. All cold-rolled material for better appearance. Cylinder locks on gate and cabinets keyed regular or master-keyed to building system. Gate can be hung from permanent top track if suitable support is present.
• double type
• fixed top track
• hinged bottom track

**specifications:**

no. 5766D - Gate shall be no. 5766D. Vertical members shall be two ¾” x 3/8” cold-rolled channels spaced not over 6” o.c. Lattice bars 5/8” x 3/16” cold-rolled flat steel. Vertical end bars shall be cold-rolled box type sections to receive roller bearings and cylinder lock. All moving parts shall be fitted with rollers. Top guide shall be 2 5/8” x 2 1/4” channel. Bottom tracks shall have gusset braces in all corners and rubber floor rests. Gate shall be fitted with self-locking tie back arms. Cabinets constructed of 1/4” cold rolled Z bar frames with 16-gauge steel backs. Flush 16-gauge doors shall have formed C edges. Gate shall have special hinges permitting cabinet doors to close and lock when gate is in both stacked and extended position. Gate and cabinet locks shall have Yale 1 5/32” diameter 5 pin tumbler mortise cylinders keyed alike, or master-keyed to building system. Gate and cabinets shall have standard factory finish, color as selected.

no. 5765D - Gate shall be no. 5765D. Vertical members shall be two ¾” x 3/8” cold-rolled channels spaced not over 6” o.c. Lattice bars 5/8” x 3/16” cold-rolled flat steel. Vertical end bars shall be cold-rolled box type sections to receive roller bearings and cylinder lock. All moving parts shall be fitted with rollers. Top guide shall be 10-gauge channel. Bottom tracks shall have gusset braces in all corners and rubber floor rests. Gate shall be fitted with self-locking tie back arms. Cabinets constructed of 12-gauge formed sheet steel with 3/16” thick cold-rolled facia strips and doors. Gate and cabinet locks shall have Yale 1 1/2” diameter 5 pin tumbler mortise cylinders keyed alike, or master-keyed to building system. Gate and cabinets shall have standard factory finish, color as selected.

Specifications are subject to change. Please consult your ACORN sales rep or visit www.acornwire.com for more details.
**portable folding gate**

**Bostwick type - 7’ to 12’ corridor width**

**No. 57P** - Portable folding gate, designed for use in existing buildings, or in certain cases in new construction where recessed cabinet type gates may not be practical.

**Features**
- Completely portable. Standard model can be used in any corridor from 7'-0 to 12'-0 wide (other stock sizes range from 6'-0 to 9'-0, 11'-0 to 15'-0, 13'-0 to 18'-0 and 14'-0 to 21'-0).
- Heavy electrogalvanized finish is standard.
- Gate can be used in as many different locations within its size range as may be needed.
- Stored unit—2'-0 x 2'-6" x 6'-6 ½" high (standard model).
  - Height permits storage in any closet.
  - Distance between lattice bars plus spear tops on gate prevent climbing.
- Only two lead shields are required in floor for installation at each location. No preparation of wall or floor is necessary.
- Gate available with hasp for padlock, or cylinder lock.

**Specifications**

Gate shall be no. 57P. Vertical members shall be two 3/4" x 3/8" cold-rolled channels spaced not over 6" o.c. Lattice bars 5/8" x 3/16" cold-rolled flat steel. All moving parts shall be fitted with rollers. Platform frames shall be 2 1/4" x 1" cold-rolled channel. Platform braces shall be 5/8", 14-gauge tubing, securely bolted through gate and platform. All material shall be electrogalvanized. Gate shall be equipped with (hasp for padlock) (cylinder lock).

**Wire mesh partitions**

ACORN is also a national leader in manufacturing wire mesh partitions. Designed to prevent break-ins and ensure maximum security, these extra-tough partitions are crafted with the strength of 6-gauge wire, providing greater security and protection in the most demanding environments. ACORN's wire mesh product line includes both standard and custom panels, doors, service windows and corners designed to simplify partition arrangement in a variety of applications. Key uses include lockdown areas, conveyORIZED sorting stations, postal distribution centers, bonded warehouses and court buildings, as well as homeland security purposes. Manufactured from 100% carbon-neutral, recycled steel, the product also qualifies for LEED points. For more information on wire mesh partitions, contact us at 800-55 ACORN (800-552-2676) or visit www.acornwire.com.