

Index for Pages 38-70

Barricades.....	68, 69, 70
Door Protection GateKeeper® EZ 24V.....	48
Door Protection GateKeeper® G7.....	46, 47
Door Protection GateKeeper® Max.....	44, 45
Door Protection GateKeeper® Product Selector Chart.....	48.1
Door Restrictor HatchLatch®.....	60, 61
Elevator Handrail.....	50-59
Elevator Voice.....	38, 39
Escalator SafetyStrip®.....	40-43
Phone Cabinet.....	49
Phone Handles.....	49
Phones - Emergency.....	49
Plunger Gripper LifeJacket®.....	62-67
Safety Gates.....	68, 69, 70

Elevator Voice™ announcer keeps riders moving in the right direction— especially important in an emergency

*Industry's newest voice announcer
is the first to use CompactFlash™ memory*

- Preprogrammed with eight (8) emergency and safety messages (to cover 98% of requirements).
- Meets A117.1-1998 code for audible indicators.
- Randomization feature plays messages in male and female voices to enhance interest
- Eliminates expensive E-PROM chips that can be damaged easily.
- 64MB CompactFlash card (included) easily stores every message you will ever need.



1. Solid box construction and powder-coat finish protect sensitive electronics
2. CompactFlash memory card is removable and reprogrammable
3. Wiring locator and component ID labels are attached permanently inside box
4. Generous work space simplifies wiring

Part #TD302G03 - Wago Screw Driver

This tool is used to ease installation of the wires into the wago connector.

Add or change messages with speed and ease!

With the convenience of CompactFlash technology, you can add or alter your voice announcer messages. Use the Elevator Voice survey form available from your Adams sales rep or at www.adamselevator.com. Indicate your message requirements on the form, fax, mail, or e-mail to Adams, and your new messages will be recorded and shipped to you on a replacement CompactFlash card for a nominal fee.

Elevator Voice replaces confusing passing chimes. Passing chimes are difficult to count and do not work in express zones. Professionally-recorded messages give passengers a sense of security that's missing from passing chimes.

Messaging options and high-tech specifications make Elevator Voice tops in its class

TECHNICAL SPECIFICATIONS

Power:	120VAC, 50/60HZ, 6W max
Size:	13" x 9 1/2" x 3 1/2"
Output:	2 watts into an 8-ohm speaker
Signal Inputs:	90-150 VAC/VDC; cut resistor for 20-30 VAC/VDC
Signal Formats:	Line per Floor, Binary (0 or 1 lowest landing), Inverse Binary (0 or 1), Binary Coded Decimal (BCD), Inverse BCD
Maximum Floors:	Line per Floor = 12 floors; BCD = 99 floors; Binary = 250 floors
Message Triggers:	Two "floor message triggers" play announcement upon application or removal of power from input
Volume Control:	Dual volume controls allow direction, door closing, and emergency messages to be played louder than floor announcements
Direction Messages:	Automatically appends "going up" or "going down" to floor announcement when direction inputs are active
Emergency Messages:	Unit ships with eight (8) standard emergency and safety messages. Additional messages available.
Male/Female Voices:	Male, female, floor 1, and 1st floor announcements are randomized to minimize listener fatigue
Languages:	Bi-lingual option plays every message in English/Spanish or English/French
Memory:	CompactFlash™ memory for hours of messages and emergency and safety announcements
Custom Messaging:	Contact Adams Parts Sales for custom floor announcements, emergency messages, or additional language

STANDARD EMERGENCY AND SAFETY MESSAGES

Each Elevator Voice unit ships with these eight prerecorded messages:

1. Do not be alarmed. This car is needed for a medical emergency. When the doors open, please exit in a safe and orderly manner.
2. Do not be alarmed. This car is transferring to emergency power. When the doors open, please exit in a safe and orderly manner.
3. Do not be alarmed. This car is now in firefighters return service. When the doors open, please exit in a safe and orderly manner.
4. This car is needed for an emergency. When the doors open, please exit in a safe and orderly manner.
5. Please exit the car.
6. This car is full.
7. Please allow the door to close. (Nudging)
8. Please watch your step. (Out of Level)

For custom messages, contact your Adams sales rep.

A Word about CompactFlash™

CompactFlash memory cards are familiar to anyone who uses a digital camera. Commonly available in capacities from 8MB to 1GB of digitized photo data, CompactFlash cards are also finding their way into other applications requiring storage of digital information, including digitized audio tracks. Cards exceeding 4GB are now available; the 64MB card that comes with Elevator Voice is more than adequate for this use.

Because of their rugged construction and protected electrical contacts, CompactFlash cards can be handled repeatedly with little risk of damage. Nevertheless, we recommend that you make a backup copy of your Elevator Voice card(s) just as you would with any valuable digital information.

A117.1-1998

407.2.12.2 AUDIBLE INDICATORS. THE AUDIBLE SIGNAL SHALL BE 10 DBA MINIMUM ABOVE AMBIENT, BUT SHALL NOT EXCEED 80 DBA MAXIMUM, MEASURED AT THE ANNUNCIATOR. THE SIGNAL SHALL BE AN AUTOMATIC VERBAL ANNOUNCEMENT WHICH ANNOUNCES THE FLOOR AT WHICH THE CAR HAS STOPPED.

ELEVATOR VOICE™ ORDERING INFORMATION

Adams part no.	Description
A202	Elevator Voice with 8 standard messages: Main unit in powder-coated enclosure, one (1) 8-ohm loudspeaker, eight (8) prerecorded and randomized messages and floor announcements on one (1) CompactFlash Card
A202M	Special message option

ESCALATOR SAFETYSTRIP®

KEEPS PASSENGERS IN THE “SAFETY ZONE”

Industry’s strongest, narrowest deflector brush has been proven with over 25 years of dependable service and more than 25,000 installations worldwide

SAFETYSTRIP’s narrow aluminum extrusion—along with the exceptional strength of strip brush—will stand up to the rigors of continuous use

- **Locked-in-bristle construction** (“strip brush”):
The manufacturing method of choice when brush strength and durability are required.
- **Most economical of all brushes available.**
- **No brush removes and reinstalls easier.** Mounting screws are concealed in countersunk holes between double-brush sections. If **SafetyStrip** ever needs to be removed, the screws can be removed and reinserted with the brushes in place.



From the widest to the narrowest, all of our deflector brush products are manufactured using strip brush technology, assuring you many years of dependable, uninterrupted service



Both Wide and Narrow Double brush extrusions have rear T-slots for inserting filler strips, if required (shown on side 2)

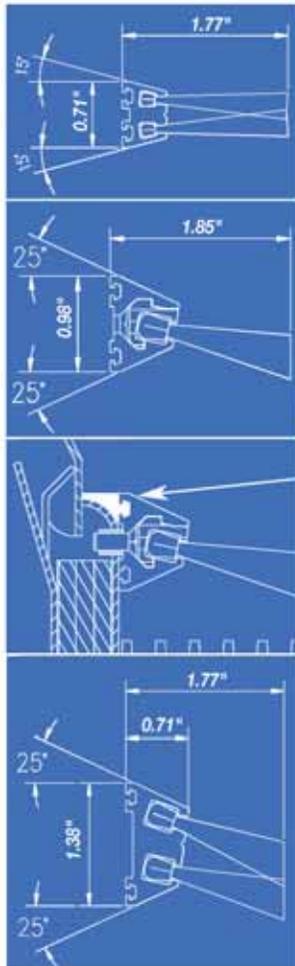


The 10¢ Survey

If a dime fits in the attaching area, so will SafetyStrip

0.710"W

SafetyStrip exceeds A17 code requirements



Narrow Double **NEW!**

- Only 0.710" wide
- Center mounting screws (concealed and countersunk) permit easy removal and re-attachment, if required
- Rigid extruded aluminum imparts lasting durability

Single

- 0.98" wide
- Designed for applications where double brush is too large
- Single-row brush gives adequate protection in most applications

NEW!

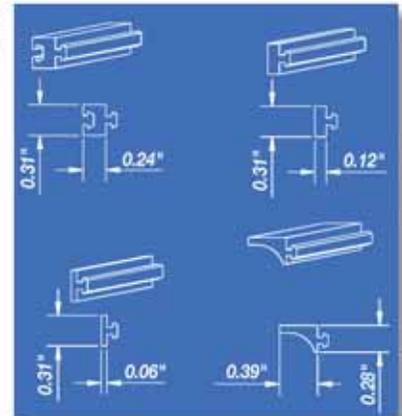
Single w/Radius Adaptor

Same as above, for Westinghouse L & M escalators, used to gain additional clearance.

Wide Double

- The original indestructible deflector brush for extreme applications
- 1.38" wide
- Recommended where heavy use and abuse are expected

Always check with your local code authority for acceptable installation clearances



Filler strips slide easily into patented T-slots on backside of extrusions to allow parallel installations on uneven surfaces



From left to right: Wide Double, Single, and Narrow Double SafetyStrip configurations. Flagged nylon brushes pack high-density protection into a small space, giving riders a firm but gentle reminder to stay clear of the side wall

SAFETYSTRIP IS THE MOST EFFECTIVE WAY TO PREVENT SIDE-OF-STEP ENTRAPMENT ACCIDENTS ON ALL ESCALATORS. FIND OUT ABOUT IT TODAY!

Survey worksheets available from your ADAMS representative, or at www.adamselevator.com

MotionGuard™ MG3

An Innovative Approach to Escalator Skirt Brushes
With Greatly Reduced Installation Time

Physical Characteristics:

- Unique one-piece design in 8-foot sections
- Flexible enough to bend on site with no special tools
- A17 Code compliant
- Very high bristle volume
- Fully accessible concealed fasteners
- Highly durable with an attractive, unobtrusive appearance
- Many installations throughout U.S.

Easy to Order and Install:

- Requires only one simple measurement: comb tip to comb tip
- No surveys to complete; no rise or radius to determine
- Simple order form serves as survey form
- Packaging is easy to handle, cost-effective to ship
- Ready to install out of the box; no on-site cutting or fitting

Easy to Order, Install and Maintain



How to Measure Your Escalator

For MotionGuard™ Escalator Skirt Brushes

Top landing



Bottom landing



Comb plate



Objective:

Imagine a line drawn from the upper comb tip to the lower comb tip following the step nose of each step through the upper landing area and curve, down the incline, through the lower curve and landing area and finally finishing at the lower comb tip. In order to ensure an accurate measurement, the tape measure **must bridge across each step nose** through the upper landing and down the incline.

Similarly, the tape measure **must not collapse** between the steps or ride high above the step nose through the lower curve.

The following instructions are provided for correctly measuring the tip-to-tip measurement between the upper and lower comb plates.

Recommendation:

- Use a $\frac{3}{4}$ "- or 1"-wide steel tape. **DO NOT** use a cloth tape. Cloth or flexible tapes are not stiff enough to bridge across the step nose of each step.
- If measuring alone, **loosen the comb plate** and hook the tape measure across the back edge. In this case, you need to **subtract the length of the upper and lower comb plate** from your final measurement.

Measure the Escalator:

- **One-step measurement:** If your tape measure is long enough to measure between the upper and lower comb tips as described above, complete this measurement and record it on your survey as the **Measured Escalator Length:** _____.
- **Two measurements:** Start at the upper comb tip and work down. Measure to a step along the incline representing $\frac{1}{2}$ or $\frac{1}{3}$ of the distance down the incline. Measure to the closest step nose, record the measurement, and mark the step. Repeat the process, measuring from the lower comb tip up the incline to the step nose of your marked step. Add the measurements together and the sum is your **Measured Escalator Length** _____.

**Call Adams with confidence.
We're serious about safety.
1-800-929-9247**

GateKeeper MAX™ Infrared Curtain Unit

The only IR curtain with Phasel/Phase II Fire Recall Service...
and it comes with nudging built in!

**5-YEAR
WARRANTY!**

- **Built-in nudging**

Replaces separate nudging unit for easiest installation. Factory setting of 20 sec. can be reset from 1-60 sec. Nudging buzzer volume is also adjustable.

- **Plugs into 17-265VAC/VDC**

GateKeeper MAX is the only infrared curtain that can be connected to any operating voltage from 17-265VAC/VDC with no additional wiring or modifying! Just plug it in and let it work.

- **Up to 154 infrared detection beams.**

- **Integrated diagnostic circuitry**

An on-board microprocessor adjusts automatically to optical conditions within protected area. As conditions change (from dust, dirt, etc.), microprocessor resets every beam for best performance under prevailing conditions.

- **LED current-control system**

An LED drive circuit constrains emitting current to lowest possible effective level. Result: reduced stress on LED's help extend their life to millions of hours. This feature is unique to the *GateKeeper* product line.

- **No incidents reported**

With more than 150,000 units in service, not a single incident report has been recorded. This is most meaningful to anyone who has been named in a liability suit due to an unreliable door protection system.

- **CSA approved, Fire-Code conformant**

GateKeeper MAX meets all ANSI requirements and other U.S. and Canadian performance standards. Also conforms to Phase I and Phase II Fire Codes.

- **Extra-wide 16-ft. operating range**

Weary of measuring door openings and matching them to the right door unit? *GateKeeper MAX* works with all of them. One model, one part number, one great protection device. Choose 7-ft. or 10-ft. model according to door height.

- **Moving cable tested to 20,000,000 cycles**



Built-in nudging helps keep elevators moving in environments where riders are likely to hold open the doors. Nudging time is adjustable from 1-60 seconds

Fire Recall Phase I and Phase II: life-saving protocols in an emergency

Fire Recall Phase I

If the input labeled “Fire Recall Phase I” is activated, the light curtain is disabled and nudging is enabled. The nudging buzzer sounds; it remains on during door close and until the car arrives at the designated landing. The buzzer remains on for 15 seconds after the “Fire Service Phase I” input is deactivated.

Fire Recall Phase II

If the input labeled “Fire Recall Phase II” is activated, the light curtain output is disabled. The nudging function works independent of “Fire Recall Phase II.” Operation of the doors is taken over by emergency personnel. This eliminates the need for automatic re-opening and guards against false opening caused by smoke.

**ONLY GATEKEEPER
MAX OFFERS THIS!**

Fast and easy to install! Simple installation just might be the feature you learn to like the best!

GateKeeper MAX ships to you as a complete system ready to install. We’ve condensed the unit to the least possible number of separate components to help speed installation and limit the number of assembly decisions your mechanics have to make on site. In addition, we’ve combined thoughtful design with vandal-resistant considerations to keep every GateKeeper MAX working right and out of harm’s way.



**Vision shield attaches easily
with GateKeeper MAX installed
in the doorway**

Technical Data

GateKeeper MAX

Supply voltage	17-265VAC/VDC; use Green-field fittings for voltages >42V
Typical response time	90 ms
Max. response time	180 ms
Range	Up to 16 ft. (5m)
Current	10VA at 115/230VAC 200mA at 24VDC
Fuse	6.3A s/b (5 x 20mm)
Relay output (3)	AC max: 265VAC at 8.0A DC max: 125VDC at 0.5A or 24VDC at 8A DC min: 5VDC at 10.0mA
<i>(NOTE: If switching high voltage, use slave relay (not included))</i>	
Fire Recall I and II	Active: 17-265VAC/VDC Inactive: 0-5VAC/VDC
Protection height	71"
Door height	7-10 ft.
No. of light beams	Up to 154 criss-cross beams
Light suppression	>100,000 lux
Connection plugs	WAGO 6 x 5.08
Cable length	16 ft. (5m)
Cable extension (available)	10 ft. (3m)
Cable lifetime	20 million door movements (if installed correctly)
Enclosure rating, sensors	IP65
Enclosure rating, control unit	IP30
Vibration/shock	IEC 68-2-6 / IEC 68-2-29
Operating temp. range	-5° to +150°F (-20° to +65°C)
Storage temp. range	-20° to +220°F (-30° to +85°C)
EMC	IEC/EN 50081/50082-1, -2; EN 12015 and EN 12016
CSA	B44.1/A17.5-1996
Mounting kit	Complete

GATEKEEPER MAX ORDERING INFORMATION

Adams part no.	Description
A850G7MAX	7-ft. GateKeeper MAX unit w/mounting kit; for door height up to 7 ft.
A850G10MAX	10-ft. GateKeeper MAX unit w/mounting kit; for 7-10-ft.-high doors

GATEKEEPER MAX ORDERING INFORMATION

Adams part no.	Description
A850G7MAX-P1	Control unit (power supply)
A850G7-R1	Receiver (with blue plug)
A850G7-T1	Transmitter (with white plug)
A850G7-RR1	Receiver cable, 16 ft. (blue plug)
A850G7-RT1	Transmitter cable, 16 ft. (white plug)
A850G7-VS	Vision shield, 7 ft.

GateKeeper® Infrared Curtain Unit

GateKeeper is the industry choice for uncompromising door protection

**5-YEAR
WARRANTY!**

- **Plugs into 17-240VAC/VDC**

GateKeeper and GateKeeper MAX are the only infrared curtains that can be connected to any operating voltage from 17-240VAC/VDC with no additional wiring or modifying! Just plug it in and let it work.

- **Up to 154 infrared detection beams**

This is your best solution where maximum beam density is required.

- **Integrated diagnostic circuitry**

An on-board microprocessor adjusts automatically to optical conditions within the protected area. As conditions change (from dust, dirt, etc.), the microprocessor resets every beam for best performance under prevailing conditions.

- **LED current control system**

An LED drive circuit constrains the emitting current to the lowest possible effective level. The result: reduced stress on the LED's to help extend their life for millions of hours. This feature is unique to the *GateKeeper* product line.

- **Moving cable tested to 20,000,000 cycles**

- **No incidents reported**

With more than 150,000 units in service, not a single incident report has been recorded. This is most meaningful to anyone who has been named in a liability suit due to an unreliable door protection system.

- **CSA approved**

GateKeeper meets all ANSI requirements and other U.S. and Canadian performance standards.

- **Extra-wide 16-ft. operating range**

Weary of measuring door openings and matching them to the right door unit? *GateKeeper* works with all of them. One model, one part number, one great protection device. Choose 7-ft. or 10-ft. model according to door height.



Modular connecting cables lead the list of features that make *GateKeeper* the easiest-to-install infrared curtain in the world



Vision shield attaches easily with *GateKeeper* installed in the doorway

Fast and easy to install

Simple installation just might be the feature you grow to like the best!

GateKeeper ships to you as a complete system ready to install. We've condensed the unit to the least possible number of separate components to help speed installation and limit the number of assembly decisions your mechanics have to make on site. In addition, we've combined thoughtful design with vandal-resistant considerations to keep every GateKeeper working right and out of harm's way.

GATEKEEPER ORDERING INFORMATION

Adams part no.	Description
A850G7	7-ft. GateKeeper unit w/mounting kit; for door height up to 7 ft.
A850G10	10-ft. GateKeeper unit w/mounting kit; for door height up to 10 ft.
A850G7WP	NEW Waterproof model for doors up to 7 feet high

GATEKEEPER REPLACEMENT PARTS

Adams part no.	Description
A850G7-P1	Control unit (power supply)
A850G7-R1	Receiver (with blue plug)
A850G7-T1	Transmitter (with white plug)
A850G7-RR1	Receiver cable, 16 ft. (blue plug)
A850G7-RT1	Transmitter cable, 16 ft. (white plug)
A850G7-VS	Vision shield, 7 ft.

Technical Data

GateKeeper

Supply voltage	17-240VAC/VDC; use Green-field fittings for voltages >42V
Typical response time	90 ms
Range	Up to 16 ft. (4.85m)
Current	5VA at 115/240VAC 115mA at 24VDC
Relay output	AC max = 265VAC at 8.0A DC max = 125VDC at 0.5A or 30VDC at 8.0A
<i>(NOTE: If switching high voltage, use slave relay (not included))</i>	
Protection height	71"
Door height	7-10 ft.
No. of light beams	Up to 154 criss-cross beams
Light suppression	>100,000 lux
Connection plugs	WAGO 6 x 5.08
Cable length	16 ft. (5m)
Cable extension (available)	10 ft. (3m)
Cable lifetime	20 million door movements (if installed correctly)
Enclosure rating, sensors	IP65
Enclosure rating, control unit	IP 54
Vibration/shock	IEC 68-2-6, -29
EMC	IEC/EN 50081/2, EN 12015/6
CSA	B44.1/A17.5-1996
Operating temp. range	-5° to +150°F (-20° to +65°C)
Storage temp. range	-20° to +220°F (-30° to +85°C)
Mounting kit	Complete

GateKeeper EZ 24V™ Infrared Curtain Unit

159 beams and no power supply for new 24V installations where space, reliability and simplicity are important

FOR 24VDC
SYSTEMS

- **Lowest mass**

Less mass and greater flexibility than any light curtain in its class.

- **Mounts on door or door jamb**

GateKeeper EZ 24V is the only door protection device that can be mounted to either the door or door jamb. Helps simplify installation in situations where mounting in one location or the other is difficult or impractical.

- **Up to 159 criss-cross infrared detection beams.**

- **All electronics housed in edges**

No control box to connect and no jumpers to configure. This is why we can claim "simplest installation."

- **Built to last longer than 20 years**

- **Self calibration increases LED life**

- **Plug-'n'-play simplicity**

- **All gold-plated contacts**

- **Mechanically compatible with GateKeeper**

"No external controller" means you benefit from the latest advances in space-saving technology

Just when you thought you knew everything there was to know about infrared curtains, along comes an innovation like *GateKeeper EZ 24V*.

It comes standard with more protection than you need—up to 159 criss-cross detection beams—in a package so compact it defies logic.

And best of all, *GateKeeper EZ 24V* comes with a shorter-than-normal list of everything you need to plug it in and get it working: Color-coded connectors, mounting brackets and hardware...and that's all there is. If space is scarce and installation time a concern, then *GateKeeper EZ 24V* is the answer.

- **Simplest connections**
- **Fewest parts**
- **Simplest installation**



Technical Data

GateKeeper EZ 24V

Supply voltage	10-30VDC
Output	VCC/GND 0.2A, Push-Pull NO/NC selectable
Response time	25-120ms
Operating range	0-3m (0-9.75 ft.)
Protection height	1800mm (6 ft.)
Dimensions	12mm x 16mm x 1860mm (0.5" x 0.6" x 6.1 ft.)
No. of elements	33
No. of beams	159 (M159 model) 79 (M79 model)
Max. ambient light	>75,000 Lux
Enclosure rating	IP65
Temperature range	-20°C to +65°C (-4°F to +149°F)
Connection	4/2 wires with round plug; 5m cable (16 ft.) tested to 20,000,000 bending cycles Conforms to IEC 60227-2

GateKeeper EZ 24V—Reg. TM Adams Elevator Equipment Company

GATEKEEPER EZ 24V ORDERING INFORMATION

Adams part no.	Description
A850EZ159	<i>GateKeeper EZ 24V</i> Unit, 7 ft. high, 159 detection beams
A850EZ79	<i>GateKeeper EZ 24V</i> Unit, 7 ft. high, 79 detection beams

GATEKEEPER EZ 24V COMPONENTS

A850G7EZ159R	<i>GateKeeper EZ 24V</i> Receiver for A850G7EZ24V
A850G7EZ159T	<i>GateKeeper EZ 24V</i> Transmitter for A850G7EZ24V
A850G7EZ79R	<i>GateKeeper EZ 24V</i> Receiver for A850G7EZ79
A850G7EZ79T	<i>GateKeeper EZ 24V</i> Transmitter for A850G7EZ79
A850G7EZ-HW	<i>GateKeeper EZ 24V</i> HARDWARE
A850G7EZ-RR1	<i>GateKeeper EZ 24V</i> RECEIVER CABLE 16 FT
A850G7EZ-RT1	<i>GateKeeper EZ 24V</i> TRANSMITTER CABLE 16 FT
A850G7EZ-RR2	<i>GateKeeper EZ 24V</i> EXT CABLE 10' (7280C55H05)

ADAMS GateKeeper® Infrared Elevator Door Protection Systems



PRODUCT SELECTOR	Performance		Input Power Flexibility		Mounting Components			Special Functions			Adams Part #
	Infrared Beams	Shield Height	3D Detection	Universal 17-256 VAC/VDC	110 VAC	24 VDC	Vision Shields	Mounting Profile (Base)	Spacer Profile	Fire Recall Override	

rev 06-05-09

GateKeeper Door Protection - 5 Year Warranty

GateKeeper MAX Premium Protection Kit	154	7 feet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	1	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Relay	A850G7MAX
GateKeeper MAX Premium Protection Kit for openings to 10 feet	154	10 feet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	1	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Relay	A850G10MAX
GateKeeper 2000 Premium Kit	154	7 feet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	1	2	<input type="checkbox"/>	<input type="checkbox"/>	Relay	A850G7
GateKeeper 2000 Premium Kit for openings to 10 feet	154	10 feet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	1	2	<input type="checkbox"/>	<input type="checkbox"/>	Relay	A850G10
GateKeeper EZ-159 Economy Kit with 110 VAC power	159	7 feet	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2	2	0	<input type="checkbox"/>	<input type="checkbox"/>	Relay	A850EZ159110
GateKeeper EZ-159 Economy Kit with 24 VDC power	159	7 feet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	2	0	<input type="checkbox"/>	<input type="checkbox"/>	Transistor	A850EZ159
GateKeeper EZ-79 Economy Kit with 110 VAC power	79	7 feet	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2	2	0	<input type="checkbox"/>	<input type="checkbox"/>	Relay	A850EZ79110
GateKeeper EZ-79 Economy Kit with 24 VDC power	79	7 feet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	2	0	<input type="checkbox"/>	<input type="checkbox"/>	Transistor	A850EZ79
GateKeeper EZ-79 Economy Kit Edges Only	79	7 feet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	0	<input type="checkbox"/>	<input type="checkbox"/>	Transistor	A850EZ79LT

GateKeeper Door Protection Including 3D Coverage - 5 Year Warranty

GateKeeper MAX Premium Protection Kit with 3-D Sensing Beam	155	7 feet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	1	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Relay	A850G7MAX3D
GateKeeper 2000 Premium Kit with 3-D Sensing Beam	155	7 feet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	1	2	<input type="checkbox"/>	<input type="checkbox"/>	Relay	A850G73D
GateKeeper EZ-159 Kit with 3-D Sensing Beam	160	7 feet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2	0	<input type="checkbox"/>	<input type="checkbox"/>	Relay	A850EZ1593D
GateKeeper EZ-79 Kit with 3-D Sensing Beam	80	7 feet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2	0	<input type="checkbox"/>	<input type="checkbox"/>	Relay	A850EZ793D

Add GateKeeper 3D Coverage to Any Existing 2D System - 5 Year Warranty

NEW - GateKeeper Single 3-D Rectangular Sensing Beam Kit for Use with Any GateKeeper or Other Existing 2-D Light Curtain. Includes Intelligent Distance and Motion Detection, Intelligent "timeout" Feature, Automatic Door Fadeout.	1	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kit includes sensor, mounting kit, cable and switching power supply. Operating range is 3 meters.			N/A	Relay	A8503D100
GateKeeper Single 3-D Conical Sensing Beam Kit for Use with Any GateKeeper or Other Existing 2-D light curtain kit	1	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kit includes sensor, mounting kit, cable and switching power supply. Operating range is 3 meters.			N/A	Relay	A8503D

NEW



GateKeeper® 3D 100

The GateKeeper 3D 100 sensor is used to enhance elevator door protection systems by providing sensor detection in front of the elevator cab entrance.

It is used with existing two-dimensional (2D) elevator door protection systems such as light curtains, single-beam sensors or mechanical edges to provide three-dimensional (3D) protection. The GateKeeper 3D 100 can be used for new elevator installations or for modernization of existing elevator systems.

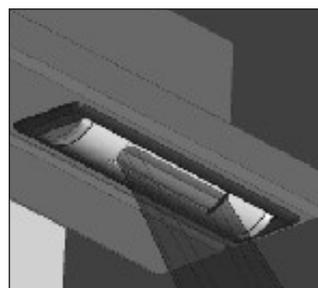
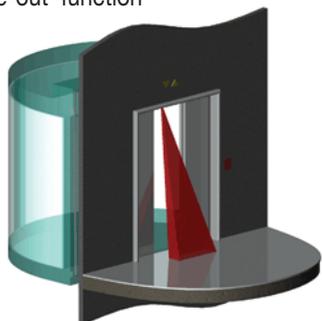
By using "Time of Flight" (TOF) technology, the GateKeeper 3D 100 sensor can detect the difference between a person or object approaching the elevator cab and a stationary person or object in the elevator cab entrance area.

The sensor's compact, low profile housing is optimized for difficult mounting locations, including narrow elevator cab transoms.

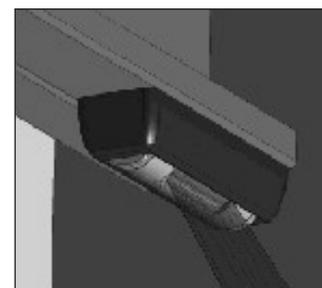
- Personal elevators
- Freight elevators
- Hospital elevators

Features

- automatic door recognition and self-calibration
- distance / movement data ensures reliable operation
- very easy installation & integration
- compact design for flush or surface mounting
- intelligent 'Time-out' function



Flush mounting details



Surface mounting details

Technical Data 3D Sensor

Application	
Operating Range	20" to 118"
Active area at 2 m distance	8" x 35"
Number of pixels	768 (8 x 96)
Wave length	840 nm
Relative distance resolution	2" (8" above floor)
Connection Cable	
Cable type and color	PVC, black
Cable length	20"
Connection cable	110"
Connecting plug	M8
4 Wires	
Brown	+10... 30VDC
Blue	GND (0 V)
Black	Output, PNP
White	Time-out selector (18 s or infinity)
Electrical	
Supply Voltage Usp	+10... 30VDC (typ. 24VDC)
Ripple at supply voltage	10%
Current consumption (at 24V)	<200 mA
Resistive load	50mA
Capacitive load	100 nF
Output type	1 x PNP
Output logic	Low = object, high = no object
Optical illumination LED power	<0.5 W
Indication LED (status)	Red (object detected = on)
Response time	Typ. < 200 ms
Recalibration time	< 200 ms
Mechanical	
Dimensions (w x h x d) in mm	4" x 1" x 0.9"
Mechanical adjustment range	+ or - 30° (continuously)
Enclosure rating	IP54
Temperature rating	-4° ... 140° F (-20° ... + 60° C)
Housing material	Aluminum, Polycarbonate

GATEKEEPER 3D 100 ORDERING INFORMATION

Adams part no.	Description
A8503D100	3D Door Sensor

110 VAC ("HARDWIRED") PHONES



Part no.	Description
A936P2	Mounts in telephone cabinet; 8 ¹ / ₈ " H x 5 ¹ / ₈ " W x 2 ¹ / ₁₆ " D.
A936P3-1	Mounts behind COP. 8 ¹ / ₈ " H x 5 ¹ / ₈ " W x 2 ³ / ₄ " D.
A936P3-2	Mounts behind COP. 8 ¹ / ₈ " H x 4 ¹ / ₂ " W x 1 ³ / ₄ " D.

PHONE CABINETS



A930A, hinged left*

Need a cabinet for the A936P2 or A940P2 emergency phones shown at left? Mounts left or right.

- Order A930A for stainless
- Order A930B for bronze.

**To mount for right opening, turn unit upside down and invert phone handle*

- Order A930-05 for Faceplate only – Stainless Steel

Dimensions

Faceplate: 12¹/₂" H x 9³/₄" W
 Electrical Box: 11" H x 8³/₄" W x 3¹/₂" deep

TELEPHONE-LINE-POWERED PHONES



Part no.	Description
A940P2	Mounts in telephone cabinet. Phone dims. 8 ³ / ₁₆ " H x 4 ⁵ / ₈ " W x 2 ¹ / ₁₆ " D.
A940P3	Mounts behind COP. 6 ¹ / ₈ " H x 4 ¹ / ₂ " W x 1 ³ / ₄ " D; ADAMS mtg. plate.
A940P4	Mounts behind COP. 6 ¹ / ₈ " H x 4 ¹ / ₂ " W x 1 ³ / ₄ " D; EMS mtg. plate.
A940P5	Mounts behind COP. 6 ¹ / ₈ " H x 4 ¹ / ₂ " W x 1 ³ / ₄ " D; TRE mtg. plate.
A940PSS	Flush mount; St. Steel Plate 10 ¹ / ₂ " H x 6 ¹ / ₂ " W
A940PSL	Flush mount; St. Steel Plate 13 ³ / ₄ " H x 10" W
A940PSM	Surface mount; St. Steel Plate 9 ¹ / ₂ " H x 5 ¹ / ₁₆ " W x 1 ³ / ₈ " D

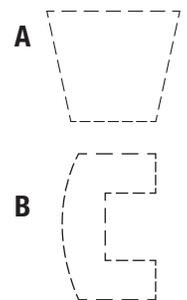
HINGED PLATE ASSEMBLIES

PHA0800: 6²⁷/₆₄" x 8⁷/₈"
 PHA0900: 8¹/₄" x 8⁷/₈"
 PHA1000: 8⁷/₈" x 8⁷/₈"

PHONE HANDLES



SHAPE



Choose from two styles of phone handles. Made from high-impact plastic; includes mounting screws. Black handle with white imprint.

A464B. Black phone handle with white word "PHONE."

A464C. Black phone handle with white telephone symbol.

Part no	Legend	Shape	Dimensions	Mounting Locations	Fasteners Provided
NY-949-A1	(None)	A	2" L x 1/2" W x 1/2" T	1/4", 3/4", 1 1/4", 1 3/4"	2 screws
694B632G01	(phone icon)	A	2 1/2" L x 7/16" W x 1/2" T	1/4", 1 1/4", 2 1/4"	none
9846396	"PHONE"	A	2 3/16" L x 5/8" W x 1/2" T	5/8", 1 1/2"	2 screws
3-40089-63	"PHONE"	A	2" L x 1/2" W x 1/2" T	1/4", 3/4", 1 1/4", 1 3/4"	2 screws
9846384	(None)	B	1 1/2" L x 3/8" W x 1/8" T	3 3/8" L studs on backs	3 Tinnerman Clips

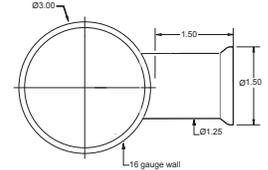
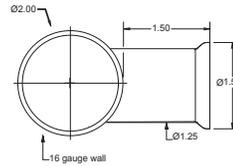
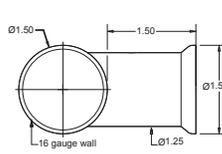
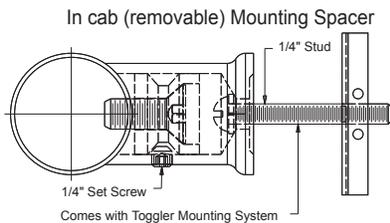
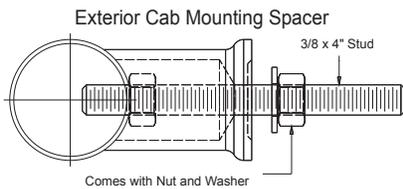
ROUND HANDRAILS

STAINLESS • BRONZE • BRASS



Code Compliant: Meets ADA accessibility requirements with our universal 1 1/2" diameter handrails. The highest quality of precision CNC machined components and dedication to customer satisfaction make this product a proven winner every time. Manufactured directly from your measurements and specifications provided on our easy-to-use worksheet, our accuracy matches your measurements and your standards.

Options & Features



Optional End Styles



ROUND HANDRAIL ORDERING INFORMATION

Part #	Diameter & Description	Part #	Diameter & Description
AHR1500S	1.5" dia. stainless #4 brushed	AHR2000S	2" dia. stainless #4 brushed
AHR1500SP	1.5" dia. stainless #8 polished	AHR2000SP	2" dia. stainless #8 polished
AHR1500YB	1.5" dia. yellow brass #4 brushed	AHR2000YB	2" dia. yellow brass #4 brushed
AHR1500YBP	1.5" dia. yellow brass #8 polished	AHR2000YBP	2" dia. yellow brass #8 polished
AHR1500B	1.5" dia. bronze #4 brushed	AHR2000B	2" dia. bronze #4 brushed
AHR1500BP	1.5" dia. bronze #8 polished	AHR2000BP	2" dia. bronze #8 polished
AHR1500C	1.5" dia. copper #4 brushed	AHR2000C	2" dia. copper #4 brushed
AHR1500CP	1.5" dia. copper #8 polished	AHR2000CP	2" dia. copper #8 polished
AHR1500DX	1.5" dia. s/s diamond-tex	AHR3000S	3" dia. stainless #4 brushed only



Elevator
Equipment
Company

ROUND

Handrail Diameter & Part no.

- ___ 1.5" Diameter AHR1500-()
- ___ 2" Diameter AHR2000-()
- ___ 3" Diameter AHR3000S

Finish

- ___ **Stainless Steel**.....(S) (SP)
 - ___ **Bronze** (#385 alloy).....(B) (BP)
 - ___ **Yellow Brass** (#260 alloy)...(YB) (YBP)
 - ___ **Copper**.....(CB) (CP)
- Additional charges apply *

Indicate Preference
Brushed Polished*

Custom Options

- ___ Bent End(s) AHRBE
- ___ Bullet (Rounded) End(s) AHRBC
- ___ Specialty Spacer Designs (by quotation)

Handrail Spacer Type

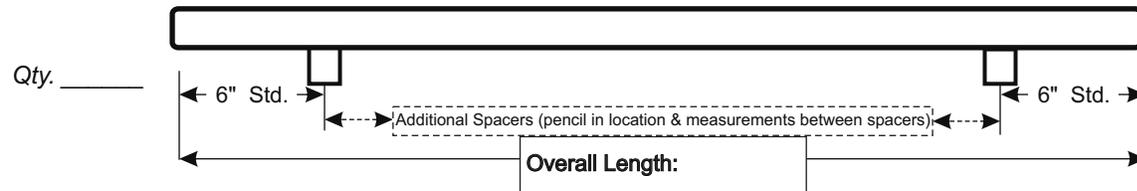
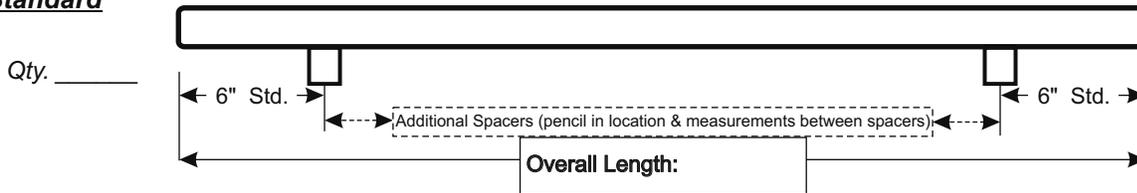
- ___ Exterior Cab Mounting Spacer
- ___ In Cab (Removable) Mounting Spacer

Architectural Finishes

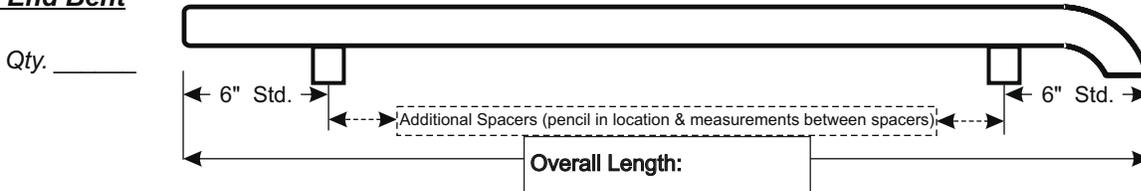
- ___ S/S Diamond-Tex (7-GM) AHR1500DX
 - ___ Knurled cross-cut (applied) AHRKF
- shade area(s) on drawing to be knurled

Handrail Worksheet

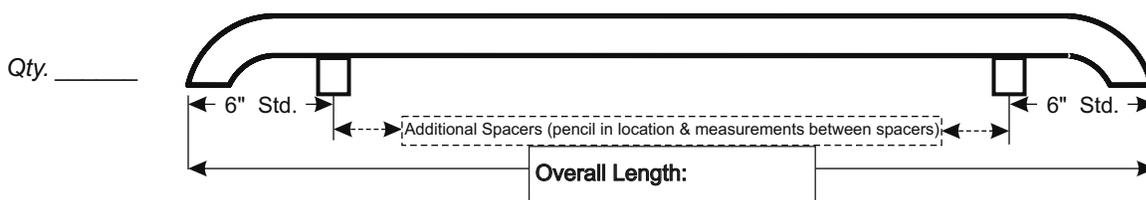
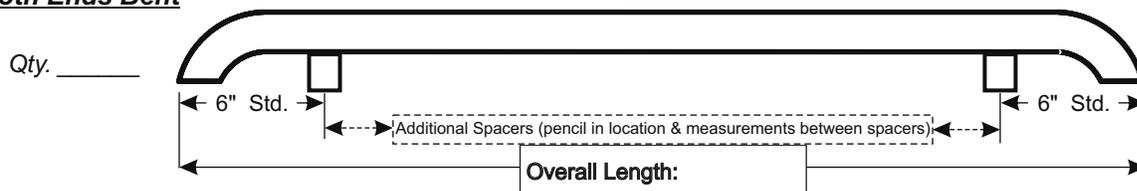
Standard



1 End Bent



Both Ends Bent



Please Photocopy and Fill in Specifications

Company: _____

SHIP TO ADDRESS: _____

Job Name: _____

Adams' Order # (SAP): _____ P.O.#: _____

Notes: _____

Contact Name: _____ **Phone #** () _____ - _____ **Fax #** () _____ - _____



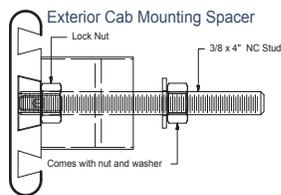
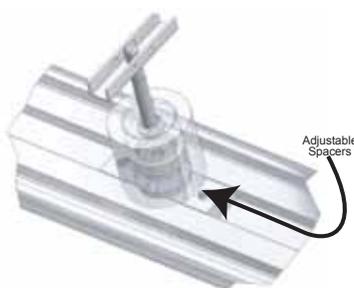
3" EXTRUDED FLAT HANDRAILS

STAINLESS • BRONZE • BRASS CLAD

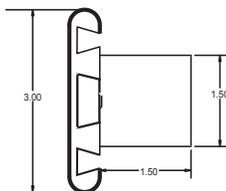
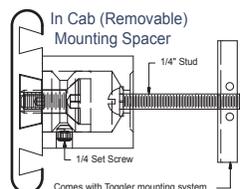


Revolutionary Design: The core of this handrail is channeled aluminum extrusion with a full radius on the edges. Using extreme pressure, the 3" wide extrusion is tightly roll formed and clad with a minimum .024" thick sheet metal in the finish of your choice. The channeled aluminum extrusion design of these handrails allows for easily adjustable spacer locations that can be slid along the length of the handrail and locked into place. No more worrying about exact spacer locations or hole locations in the cab wall, just the over-all length and quantity of spacers (stand-offs) required. Manufactured directly from your measurements and specifications on our easy-to use worksheet, our accuracy matches your measurements and your standards.

Options & Features



Comes with Toggle Mounting System



3" EXTRUDED FLAT HANDRAIL ORDERING INFORMATION	
Extruded Flat	
Part #	Description
AHE 3000S	Stainless Clad #4 -Brushed
AHE 3000SP	Stainless Clad #8 -Polished
AHE 3000YB	Yellow Brass/Steel Clad #4 -Brushed
AHE 3000YBP	Yellow Brass Clad #8 -Polished
AHE 3000B	Bronze/Steel Clad #4 -Brushed
Architectural Finishes	
AHE 3000DX	DIAMOND TEX (7-GM) textured finish
AHE 3000LX	LINEN embossed finish
AHE 3000XX	CHECKS embossed finish
AHE 3000RX	RIPPLE (5-SM) textured finish
AHE 3000HX	LEATHERGRAIN textured finish
AHE 3000CX	CAMBRIDGE textured finish
AHE 3000CG	PINSTRIP (GOLD) colortex finish
AHE 3000CB	PINSTRIP (BLUE) colortex finish
AHE 3000CK	PINSTRIP (BLACK) colortex finish
AHE 3000GX	GOOSEBUMP (6-OM) textured finish
AHE 3000GG	PEARL (GOLD) colortex finish
AHE 3000GB	PEARL (BLUE) colortex finish
AHE 3000GK	PEARL (BLACK) colortex finish



Elevator
Equipment
Company

EXTRUDED FLAT 3"

Architectural - cladding

- Diamond-Tex** (7-GM S/S textured finish)
- Linen** (S/S embossed finish)
- Checks** (S/S embossed finish)
- Ripple** (5-SM S/S textured finish)
- Leathergrain** (S/S textured finish)
- Cambridge** (S/S textured finish)
- Pinstripe (Gold)** (S/Scolortex finish)
- Pinstripe (Blue)** (S/Scolortex finish)
- Pinstripe (Black)** (S/Scolortex finish)
- Goosebump** (6-OM S/S textured finish)
- Pearl (Gold)** (S/S colortex finish)
- Pearl (Blue)** (S/S colortex finish)
- Pearl (Black)** (S/S colortex finish)

Part no.

- AHE3000DX
- AHE3000LX
- AHE3000XX
- AHE3000RX
- AHE3000HX
- AHE3000CX
- AHE3000CG
- AHE3000CB
- AHE3000CK
- AHE3000GX
- AHE3000GG
- AHE3000GB
- AHE3000GK

Std. Handrail Finish - cladding

- Stainless Steel** (#4 Brushed)
- Stainless Steel** (#8 Polished)
- Yellow Brass** plated steel (#4 Brushed)
- Yellow Brass** plated steel (#8 Polished)
- Bronze** plated steel (#4 Brushed Red Brass)

Part no.

- AHE3000S
- AHE3000SP
- AHE3000YB
- AHE3000YBP
- AHE3000B

Handrail Spacer Type

- (Please note all spacer locations are adjustable)
- Exterior Cab Mounting Spacer
 - In Cab (Removable) Mounting Spacer

Handrail Worksheet

Qty. _____	<p>Total # of Spacers required per rail _____</p> <p>Overall Length: </p>	
Qty. _____	<p>Total # of Spacers required per rail _____</p> <p>Overall Length: </p>	
Qty. _____	<p>Total # of Spacers required per rail _____</p> <p>Overall Length: </p>	
Qty. _____	<p>Total # of Spacers required per rail _____</p> <p>Overall Length: </p>	
Qty. _____	<p>Total # of Spacers required per rail _____</p> <p>Overall Length: </p>	



Please Photocopy and Fill in Specifications

Company: _____

SHIP TO ADDRESS: _____

Job Name: _____

Adams' Order # (SAP): _____ P.O.#: _____

Notes: _____

Contact Name: _____

Phone # (____) _____ - _____
Fax # (____) _____ - _____



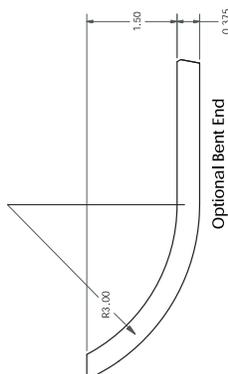
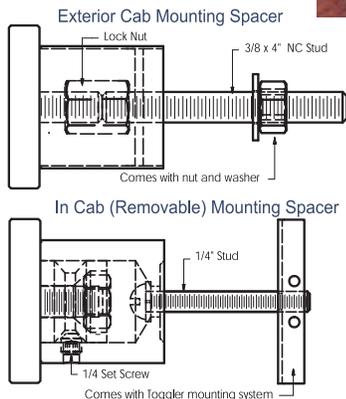
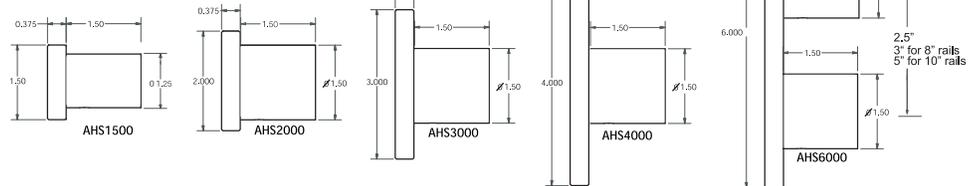
SOLID FLAT BAR HANDRAILS

STAINLESS • BRONZE • BRASS



Heavy-duty Design: Rugged solid flat bar handrails can withstand the daily use and abuse of any passenger or freight elevator. This line of handrails takes full advantage of our standard CNC precise-machined components. The result is another durable handrail product line manufactured directly from you measurements and specifications on our easy-to-use worksheet. Our accuracy matches your measurements and your standards.

Options & Features



SOLID FLAT BAR HANDRAIL ORDERING INFORMATION	
1 1/2" width	
AHS1500S	Solid flat stainless #4 brushed
AHS1500SP	Solid flat stainless #8 polished
AHS1500YB	Solid flat yellow brass #4 brushed
AHS1500YBP	Solid flat yellow brass #8 polished
AHS1500B	Solid flat bronze #4 brushed
AHS1500BP	Solid flat bronze #8 polished
2" width	
AHS2000S	Solid flat stainless #4 brushed
AHS2000SP	Solid flat stainless #8 polished
AHS2000YB	Solid flat yellow brass #4 brushed
AHS2000YBP	Solid flat yellow brass #8 polished
AHS2000B	Solid flat bronze #4 brushed
AHS2000BP	Solid flat bronze #8 polished
3" width	
AHS3000S	Solid flat stainless #4 brushed
AHS3000SP	Solid flat stainless #8 polished
AHS3000YB	Solid flat yellow brass #4 brushed
AHS3000YBP	Solid flat yellow brass #8 polished
AHS3000B	Solid flat bronze #4 brushed
AHS3000BP	Solid flat bronze #8 polished
4" width & 6" width	
AHS4000S / AHS6000S	Solid flat stainless #4 brushed
AHS4000YB / AHS6000YB	Solid flat yellow brass #4 brushed
AHS4000B / AHS6000B	Solid flat bronze #4 brushed
8" width & 10" width	
AHS8000S / AHS10000S	Solid flat stainless #4 brushed



Elevator
Equipment
Company

SOLID FLAT BAR

Handrail Sizes & Part no.

- ____.375" x 1.5" AHS1500-()
- ____.375" x 2.0" AHS2000-()
- ____.375" x 3.0" AHS3000-()
- ____.375" x 4.0" AHS4000-()
- ____.375" x 6.0" AHS6000-()
- ____.375" x 8.0" AHS8000-S
- ____.375" x 10.0" AHS10000-S

Finish

- ____ **Stainless Steel**.....(S) (SP)
- ____ **Bronze** (#385 alloy).....(B) (BP)
- ____ **Yellow Brass** (#260 alloy)....(YB) (YBP)

* Copper and other alloys available by special order.

Additional charges apply *

Indicate Preference
Brushed Polished*

Options

- ____ Bent End(s) AHSBE
- ____ Straight ends (standard)
- ____ Specialty Spacer Designs
(by quotation)

ECONO-RAIL

(Hollow S/S flat tube - NOT SOLID)

- ____.375" x 2.0" AHT200S

Handrail Spacer Type

- ____ Exterior Cab Mounting Spacer
- ____ In Cab (Removable) Mounting Spacer

Qty. _____

← 6" Std. → Additional Spacers (pencil in location & measurements between spacers) → 6" Std. →

Overall Length: _____

Qty. _____

← 6" Std. → Additional Spacers (pencil in location & measurements between spacers) → 6" Std. →

Overall Length: _____

Qty. _____

← 6" Std. → Additional Spacers (pencil in location & measurements between spacers) → 6" Std. →

Overall Length: _____

Qty. _____

← 6" Std. → Additional Spacers (pencil in location & measurements between spacers) → 6" Std. →

Overall Length: _____

Qty. _____

← 6" Std. → Additional Spacers (pencil in location & measurements between spacers) → 6" Std. →

Overall Length: _____

Qty. _____

← 6" Std. → Additional Spacers (pencil in location & measurements between spacers) → 6" Std. →

Overall Length: _____

Handrail Worksheet

Please Photocopy and Fill in Specifications

Company: _____ SHIP TO ADDRESS: _____

Job Name: _____

Adams' Order # (SAP): _____ P.O.#: _____

Notes: _____

Contact Name: _____ **Phone #** (____) ____ - _____ **Fax #** (____) ____ - _____

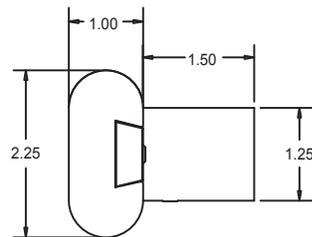
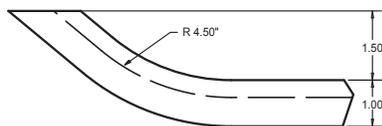


STONE GRIP SOLID SURFACE HANDRAILS

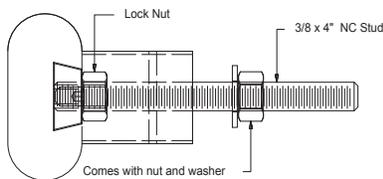


Designer Series: Constructed from Solid Surface, (mineral-filled acrylic polymer) materials, in a variety of sandstone colors. The one piece channeled design of these handrails allows for easily adjustable spacer locations that can be slid along the length of the handrail and locked into place. Manufactured directly from your measurements and specifications on our easy-to-use worksheet, our accuracy matches your measurements and your standards. Meets ADA requirements.

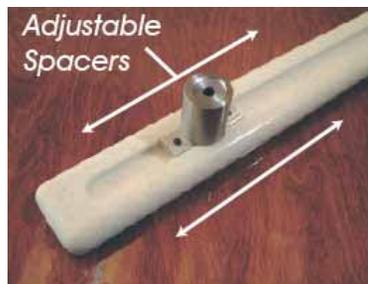
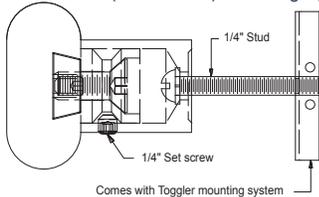
Options & Features



Exterior Cab Mounting Spacer



In Cab (Removable) Mounting Spacer



STONEGRIP SOLID SURFACE HANDRAIL ORDERING INFORMATION

2 1/4" diameter

Part #	Description
AHG2250AB	AMBER light tan & salt & pepper sandstone
AHG2250BR	NUTMEG med. brown with salt & pepper sandstone
AHG2250SL	SLATE light grey with salt & pepper sandstone
AHG2250SN	SNOW white with salt & pepper sandstone
AHG2250SP	SPRUCE jade green with salt & pepper sandstone
AHG2250BK	ONYX black with salt & pepper sandstone



Elevator
Equipment
Company

StoneGrip SOLID SURFACE

Handrail Color

- ___ AMBER - light tan with salt & pepper sandstone colors
- ___ NUTMEG - med. brown with salt & pepper sandstone colors
- ___ SLATE - light grey with salt & pepper sandstone colors
- ___ SNOW - white with salt & pepper sandstone colors
- ___ SPRUCE - jade green with salt & pepper sandstone colors
- ___ ONYX - black with salt & pepper sandstone colors

Part no.

- AHG2250AB
- AHG2250BR
- AHG2250SL
- AHG2250SN
- AHG2250SP
- AHG2250BK

Handrail Spacer Type

- ___ Exterior Cab Mounting Spacer
- ___ In Cab (Removable) Mounting Spacer

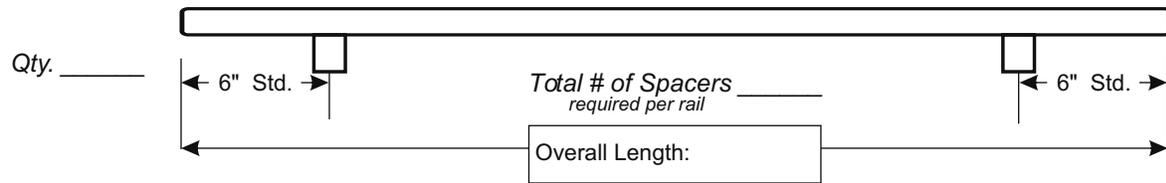
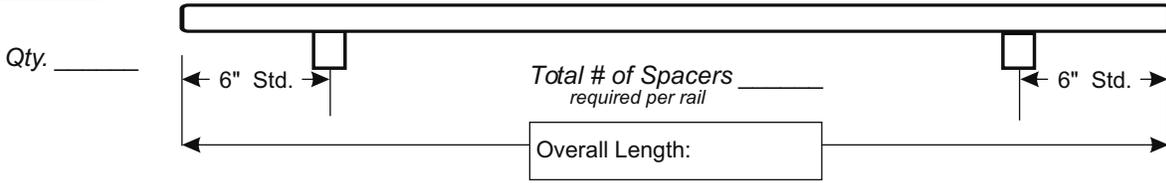
Spacer Finish

Indicate Preference
Brushed Polished*

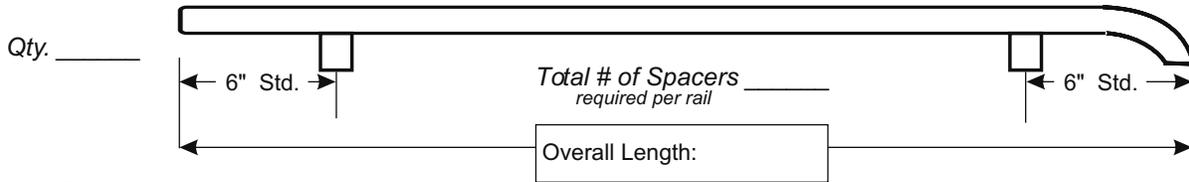
- ___ Stainless Steel.....
- ___ Yellow Brass (#260 alloy).....

Additional charges apply *

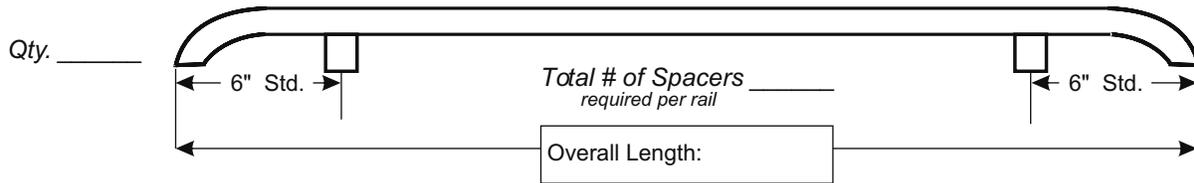
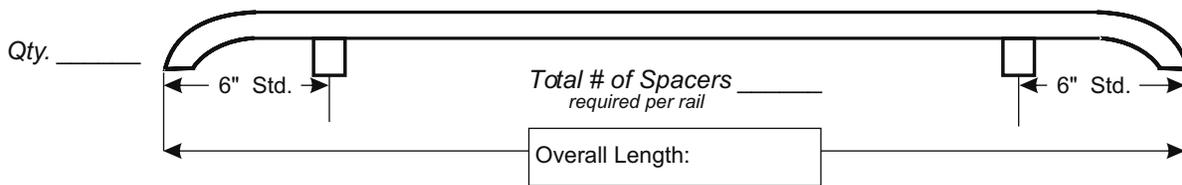
Standard



1 End Bent



Both Ends Bent



Handrail Worksheet

Please Photocopy and Fill in Specifications

Company: _____

SHIP TO ADDRESS: _____

Job Name: _____

Adams' Order # (SAP): _____ P.O.#: _____

Notes: _____

Contact Name: _____ **Phone # ()** _____ - _____ **Fax # ()** _____ - _____



CONTINUOUS HANDRAILS ROUND



Round Handrail

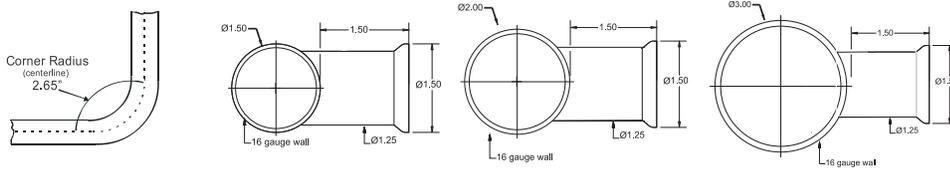


Optional Bullet End

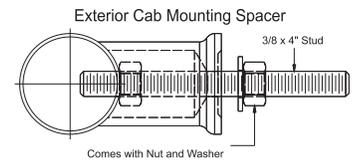


Optional Bent End

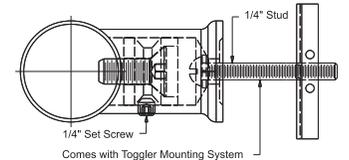
Options & Features



CONTINUOUS ROUND HANDRAIL ORDERING INFORMATION			
Part # - 1.5" dia	Part # - 2" dia.	Part # - 3" dia.	Description
AHCR1500S	AHCR2000S	AHCR3000S	Stainless #4 - brushed
AHCR1500YB	AHCR2000YB		Yellow brass #4 - brushed
AHCR1500B	AHCR2000B		Bronze #4 - brushed



Exterior Cab Mounting Spacer



In Cab (Removable) Mounting Spacer

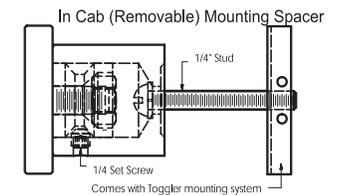
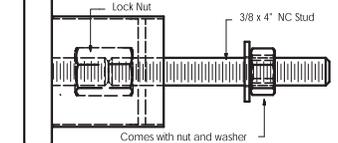
CONTINUOUS HANDRAILS SOLID FLAT BAR



Solid Flat Bar Handrail

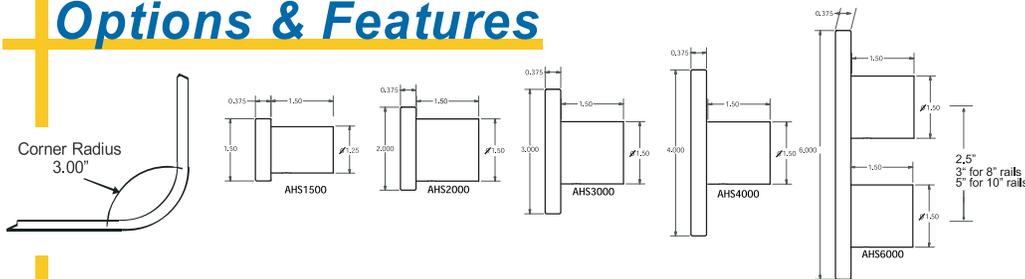


Exterior Cab Mounting Spacer



In Cab (Removable) Mounting Spacer

Options & Features



CONTINUOUS SOLID FLAT BAR HANDRAIL ORDERING INFORMATION					
Part # - 1.5" width	Part # - 2" width	Part # - 3" width	Part # - 4" width	Part # - 6" width	Description
AHCS1500S	AHCS2000S	AHCS3000S	AHCS4000S	AHCS6000S	Solid flat stainless #4 - brushed
AHCS1500YB	AHCS2000YB	AHCS3000YB	AHCS4000YB	AHCS6000YB	Solid flat yellow brass #4 - brushed
AHCS1500B	AHCS2000B	AHCS3000B	AHCS4000B	AHCS6000B	Solid flat bronze #4 - brushed



Elevator
Equipment
Company

CONTINUOUS Solid Flat Bar/Round Rail

Solid Flat Bar

Handrail Sizes & Part no.

- ___ .375" x 1.5" AHCS1500-()
- ___ .375" x 2.0" AHCS2000-()
- ___ .375" x 3.0" AHCS3000-()
- ___ .375" x 4.0" AHCS4000-()
- ___ .375" x 6.0" AHCS6000-()

Round Rail

Handrail Diameter & Part no.

- ___ 1.5" Diameter AHCR1500-()
- ___ 2" Diameter AHCR2000-()
- ___ 3" Diameter AHCR3000(S)

Finish

- ___ Stainless Steel.....(S) (SP)
 - ___ Bronze (#385 alloy).....(B) (BP)
 - ___ Yellow Brass (#260 alloy)...(YB) (YBP)
- Additional charges apply *

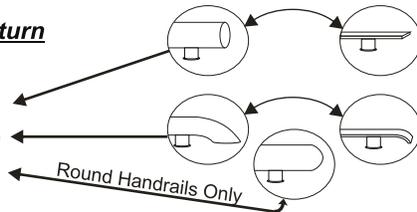
Indicate Preference
Brushed Polished*

Round Flat

Sidewall Return



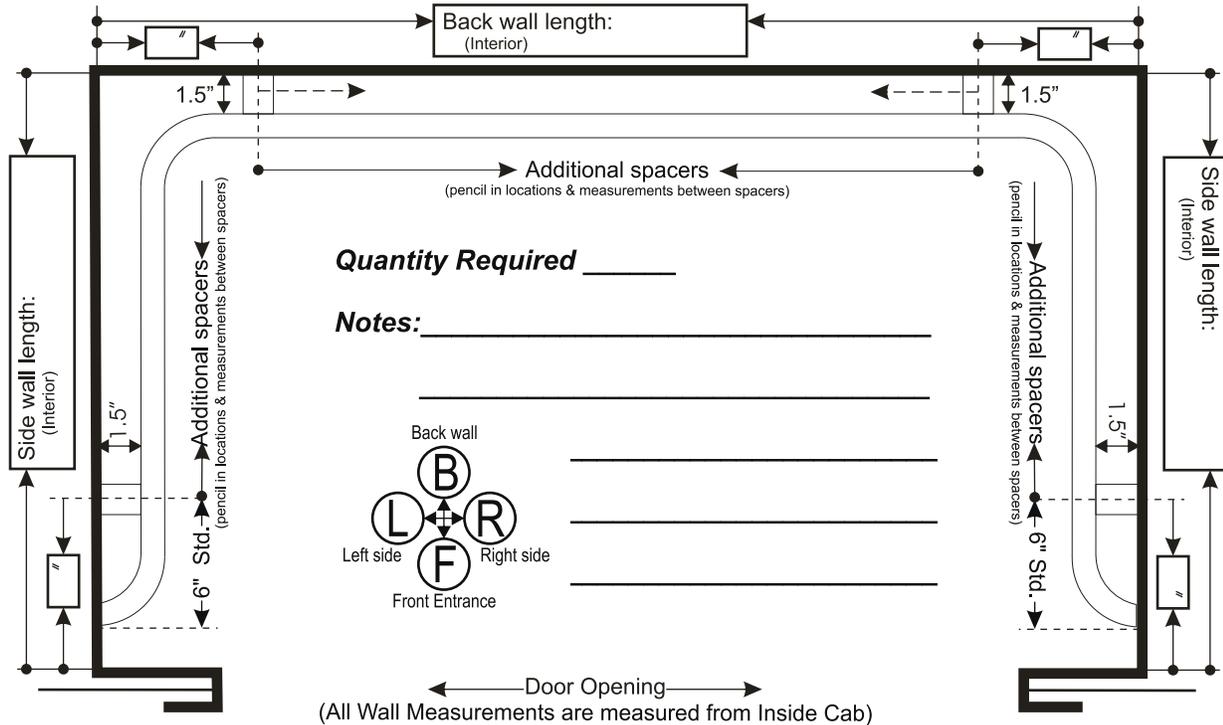
-Straight.....
-Bent.....
-Bullet.....



Handrail Spacer Type

- ___ Exterior Cab Mounting Spacer
- ___ In Cab (Removable) Mounting Spacer

CAUTION - Accurate & Proper measurements are YOUR Responsibility - TAKE CARE



Handrail Worksheet



Please Photocopy and
Fill in Specifications

Company: _____

SHIP TO ADDRESS: _____

Job Name: _____

Adams' Order # (SAP): _____ P.O.#: _____

Notes: _____

Contact Name: _____ Phone # () _____ - _____
Fax # () _____ - _____





Elevator
Equipment
Company

OVAL

Vertical Mount AHVBE Bend shown for vertical mount Check to order <input type="checkbox"/> *	 Exterior cab mounting Check to order <input type="checkbox"/>	 In-cab removable mounting Check to order <input type="checkbox"/>	 1.9" x 1" Oval. 16ga. Wall. Stainless steel #4 brushed Check to order <input type="checkbox"/>	Vertical Mount AHV1900S
	Installation: Choose between the exterior cab mounting spacer assembly (using the 3/8" stud) or the in-cab (removable) spacer assembly (with the specialized 1/4" Toggler mounting), which allows for installation from within the elevator car cab.		Check to order <input type="checkbox"/>	
Horizontal Mount Check to order <input type="checkbox"/> * Bend shown for horizontal mount AHHBE	 Exterior cab mounting Check to order <input type="checkbox"/>	 In-cab removable mounting Check to order <input type="checkbox"/>	 1.9" x 1" Oval. 16ga. Wall. Stainless steel #4 brushed Check to order <input type="checkbox"/>	Horizontal Mount AHH1900S

Handrail Worksheet



Please Photocopy and Fill in Specifications

Standard

Qty. _____

Overall Length: _____

1 End Bent

Qty. _____

Overall Length: _____

Both Ends Bent

Qty. _____

Overall Length: _____

*Inquire regarding availability of bent ends.

Company: _____ SHIP TO ADDRESS: _____

Job Name: _____

Adams' Order # (SAP): _____ P.O.#: _____

Notes: _____

Contact Name: _____ Phone # (____) ____-____
 Fax # (____) ____-____





HatchLatch® prevents life-threatening accidents by keeping elevator doors locked between landing zones



HatchLatch lets you relax with the knowledge that even a rambunctious boy will be contained safely inside a stalled cab until help arrives

**Meets
A17.1 1996 Code
(and later) for Door
Restrictors**

HATCHLATCH KEEPS PASSENGERS SAFELY INSIDE THE CAB IN THE EVENT OF A STALL OR BREAKDOWN

Why door restrictors? Because they can...

- **PREVENT LIFE-THREATING ACCIDENTS**

By restricting doors from being opened manually outside the leveling (landing) zone, *HatchLatch* makes it impossible for passengers to leave the cab.

Some of the most devastating accidents occur when riders pry open the door(s) of a stalled elevator and try to jump or lower themselves to the landing below. The margin for error is small... and even the slightest misstep can send a reckless passenger hurtling to the bottom of the hatchway.

- **REDUCE YOUR LIABILITY**

Our legal system recognizes that hatchway accidents are preventable with a device like *HatchLatch*. Offer it to your customers, and you will have met your legal obligation to provide the highest duty of care as prescribed by law. Install *HatchLatch*, and your customer will have met his.

**4-HOUR
BATTERY BACK-UP**

KEY FEATURES & BENEFITS

- The power supply with 4-hour battery back-up has plunger-sensing circuitry that alerts the mechanic when *HatchLatch* is disabled. That's four times longer than required.
- We've lengthened the photoeye cable to nine feet.
- You get 2"-wide reflector tape (not 1") plus a dust washer and handy connectors.
- HatchLatch is patented and CSA approved.
- HatchLatch works with any door operator.

New and Enhanced HatchLatch®

Locks the Door on Unsafe Elevator Cab Openings

HatchLatch® comes standard with all the material you need to protect one elevator up to five floors. To protect more than 5 floors, order additional reflective tape (see table below).

Here's how it works:

Reflective Tape

You position pieces of reflective tape in the hatchway inside the landing zone and on the door operator.

First Photoeye

When the first of the two HatchLatch® photoeyes “sees” the tape in the hoistway, it senses that the elevator is inside the landing zone.

Second Photoeye

When the second HatchLatch® photoeye “sees” the tape on the door operator, it picks up a solenoid-controlled plunger.

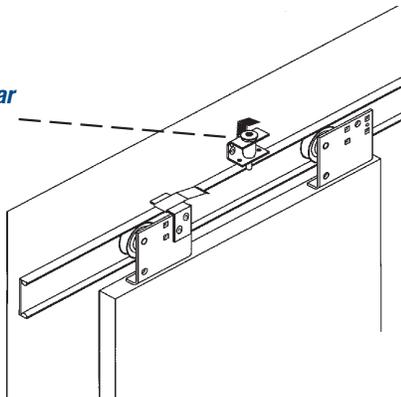
Plunger

The plunger rises out of the way, clearing the door roller or blocking bracket as the door opens.

No Exit! Zone

Between landing zones, the photoeye senses no tape reflection...and the plunger holds its door-blocking position.

Photoeyes mounted on the car signal a solenoid to “pick” a metal plunger and allow free door movement only when the car is safely inside a landing zone



HATCHLATCH® ENHANCED — COMPLETE		
Call out	Adams part no.	Description
A	A835A3	EDR ASS'Y w/Box (includes Battery)
B	A835R2	Reflective Tape, 2" x 10 ft (for up to 5 floors)
C	A835HKA3	Hard Ware Kit
D	A835SYSBK	Solenoid w/9ft cable and Z bracket
E	A835PH	Photoeye w/bracket and 9ft cable
F	A835RA	Reflective Angle
G	A835BB	Bracket, 7 GA x 5" x 10"

REPLACEMENT PARTS AND ACCESSORIES		
<i>Individually numbered items below are part of lettered sub-assemblies above.</i>		
Call out	Adams part no.	Description
1	A835MC	HatchLatch “Money Clip”
2	A835R2P	Reflective Tape, 2" x 150 ft (for up to 75 floors)
3	A835S1	Solenoid w/ 9 ft cable
4	A835PL	Plunger for Solenoid
5	A835 DC	Dust cap for Solenoid plunger – yellow
6	A835PH – BTK	Bracket (for Photoeye)
7	A835SBA3	Solenoid Mounting bracket
8	A835ZC	Solenoid Plunger “Z” bracket
9	335802-01	Battery
	A835XF	Hatch Latch Transformer (inside box, not shown)
10	A835PC3	PC Board (inside box, not shown)
	A835CT	Keyfob Transmitter for Remote Unlocking (not shown)
	A835CR	Receiver Module for Remote Unlocking (not shown)

LifeJacket™ saves lives when hydraulic pressure fails



Proactive safety solution stands guard 24 hours a day

- Detects sudden loss of hydraulic pressure
- Locks around piston as soon as car starts to fall
- Brings car to quick, safe stop
- Locking arms do not damage piston
- Car travel can be restarted only by authorized personnel

Hydraulic elevators can lose system pressure and fall

- **Broken pipes or failed valves:**
Responsible for 60% of **LifeJacket** activations
- **Cylinder failure:**
The result of underground electrolysis at work actively deteriorating in-ground cylinders; this can be occurring even when tests indicate that the elevator is working to required performance levels.
- **Packing bind:**
When faulty or aging packing fails to seal the plunger.

Spontaneous loss of pressure can result in serious consequences

1. The elevator falls, even under a normal load
2. People are injured, frequently severely
3. The loss in damaged equipment can be staggering
4. You are exposed to costly personal injury claims



LifeJacket's arms remain open during normal elevator operation (a). When the unit senses uncontrolled downward movement, the arms close immediately (b)—bringing the elevator and its passengers to a soft and safe stop

LifeJacket Saves Lives...and Reputations

In addition to the irreversible human tragedy associated with an elevator accident involving personal injury, such an event presents serious legal challenges that can compromise the marketability of a building for years.

The **LifeJacket** helps preserve the integrity of your safety record AND serves as an excellent marketing tool to attract key tenants.

How Does the LifeJacket Work?

The **LifeJacket** is a lifesaving system with three components:

- 1) An electrical sensing system that detects uncontrolled downward movement of the plunger
- 2) Two (2) steel arms that close to grab a falling plunger
- 3) A hydraulic feedback system to monitor hydraulic pressure

Almost as important as its lifesaving function is the fact that the **LifeJacket's** safety arms will not damage the plunger. This means that **LifeJacket** can be tested regularly to verify that it is operating properly.

LifeJacket is peace of mind for you...and safety assurance for your elevator riders.

LifeJacket Provides Key Safety and Convenience Benefits

- Brings a fully-loaded moving car to soft, safe stop;
- Will not score or damage plunger;
- Can be released only by running the car in the upward direction and resetting the **LifeJacket**.



LifeJacket installs above the cylinder head. It is shown above with arms open in the "operate" position

How to Order Your LifeJacket

Each **LifeJacket** is manufactured to fit the diameter of a specific piston. Other details about your hydro installation are also required. All of this information should be recorded on one of the Ordering Surveys on the following pages. The Survey is on the left-hand page; support information appears on the right-hand page.

Please note that some local jurisdictions charge a fee for a permit, variance, and/or inspection. After your survey is processed, we will send you notification of Code concerns and an elevation drawing of the pit dimensions showing the **LifeJacket** installed.

Approved by A17.3 and A17.1a

ASME A17.3 2002 (sec. 4.3.3):

A device such as **LifeJacket** is accepted as an alternative to replacing single-bottom cylinders.

ASME A17.1a 2002 Addenda (sec. 3.17.3):

In the event of fluid loss or overspeed, the use of a plunger gripper is permitted as an acceptable means to bring an elevator to a safe, controlled stop.

Survey Forms on the following pages → help you provide information required to build a LifeJacket system to match your hydro.

LifeJacket – Reg. TM Adams Elevator Equipment Company

Please Print! Survey must be fully completed and dated for order processing. Ship to: Job ___ or Shop ___ (check one)

Job Name _____

Code in Force (i.e. A17, Title 8, B44) _____

Job Address _____

City _____ State _____ Zip/Postal Code _____ Country _____

Car # _____ Number of Landings _____ Travel _____ ft Pit Depth _____ ft Car Speed: _____ fpm.

Jack Mfg. _____ Plunger Wall Thickness _____ inches Capacity of Car _____ lbs. Car Weight _____ lbs.

Original Elevator Installing Company: _____ Date of installation _____ Mfg.'s Job Number _____

Include LifeJacket Information Display Option LJ4050 (additional charge applies): ___ Yes ___ No (*Required in Michigan*)

Packing, specify style and size _____ **Packing Must be Replaced** Is Controller: ___ Solid State OR ___ Relay

Is Pit prone to flooding? Yes ___ No ___ - - - - - (if yes, NEMA 3R conduit [liquitite flex] is supplied)

Does elevator have a bottom final limit switch? Yes ___ No ___ - - - (if yes, it must open prior to buffer engagement)

Does Cylinder have a tapped bleeder hole in the head? Yes ___ No ___ - - - (if no, optional drill and tap is supplied)

Is 120VAC available in controller? Yes ___ No ___ - - - - - (if no, 480/240 to 120 transformer is supplied)

How many 'wiring' feet from controller to Cylinder head? ___ Ft - - - (length of shielded cable sent for set coils and encoder)

Special delivery instructions (e.g., Do you have a forklift to get it off the truck?) _____

Pit Information Record dimensions to 3 decimal places (i.e. 1.234). DO NOT USE FRACTIONS

The plunger diameter (PD) must be accurately measured to thousandths of an inch. Using a diameter tape, measure the plunger in at least three (3) places. Record these measurements in the blanks below. Start measurements a foot or so above the packing head.

(PD) 1 _____. 2 _____. 3 _____. 4 _____

See diagrams on page 2 for graphic illustration of dimensions. These dimensions must be accurate for proper fit. All dimensions below must be in inches.

(BSD) _____" (UFD) _____" (FD) _____" (CD) _____" (BN) _____"
Buffer spring diameter Upper Flange Diameter Flange Diameter Cylinder Diameter Number of Buffer springs
*cannot exceed 17" dia.

(RB) _____" (BS) _____" (SD) _____" (BB) _____"
Runby Buffer Stroke Strike Distance Between Buffers distance

(CHF) _____" (CHC) _____" (LifeJacket legs are made to CHF height unless checked here)
Top of cylinder to top of footer Top of cylinder to floor

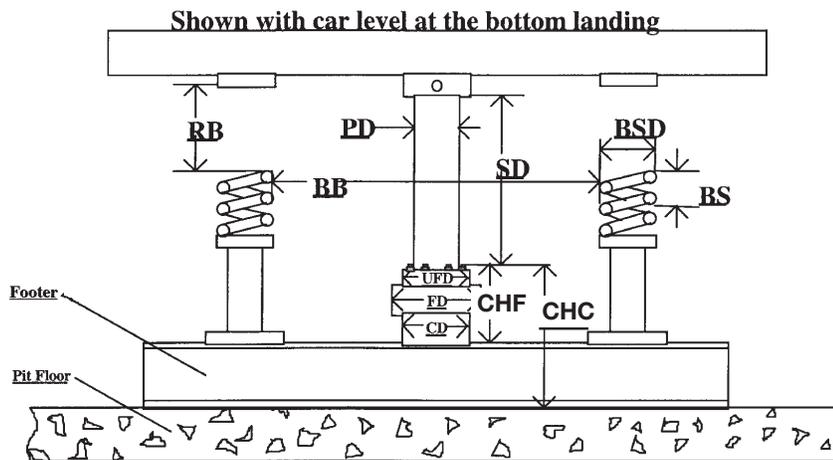
Company _____ **Address** _____

City _____ **State** _____ **Zip/Postal Code** _____

Survey completed by _____ **Date** _____

PO # _____ **Charge #** _____ **Adams Order #** _____

Phone # _____ - _____ **Fax #** _____ - _____ **Serial #** _____



PD is the plunger diameter.

For this survey it must be measured to the thousandths using a decimal diameter tape.

BSD is the buffer spring diameter.

UFD is the diameter of the upper flange section of the head, if it is a stepped flange style head.

FD is the diameter of the widest flange section of the head, if it is a flange style head.

CD is the diameter of the cylinder or stuffing box at the top of the head.

BN is the number of Buffer Springs. Please provide a sketch of unusual buffer assemblies and return with survey.

RB is runby, a measurement from the top of the uncompressed buffer springs to the strike plates when the car is floor level.

BS is the buffer stroke and should be stamped on the buffer stand data tag, if not, measure the spring gaps and add.

SD is the strike distance between, from lowest point on the platen to the highest projection on the top of the head, when the car is floor level at the bottom floor.

BB is the distance between buffers.

CHF is the distance from the highest point of the cylinder head to the top of the footer channel.

CHC is the distance from the highest point of the cylinder head, to the (concrete) pit floor.

Please note items below that may have cost ramifications:

1: The distance from the pit to the machine room, the *LifeJacket* requires two 4 Conductor shielded wires and three 18G wires run to the pit from the *LifeJacket* Controller in the machine room, so allow wiring time.

2: If there is not a tapped hole in the cylinder you will have to add one. A drill and tap is provided. Takes about 1/2 hour.

3: The type of jack packing, you must replace it before installation. Extra time is saved later for repacks if it is done now.

4: If the buffers need rework, i.e. moving or shortening. The *LifeJacket's* dimensions are 15.75" x 21". If the **BB** dimension is less than 15.75", they will need to be moved.

5: If the pit floods; NEMA 3R conduit on the *LifeJacket* is provided, but not for the pit wiring, parts costs must be added.

6: The *LifeJacket™* requires 6 inches of space. If your **SD** dimension is greater than 6 inches + the required **RB** + code required, **BS** no variance will be necessary.

7: If buffers are multi-sprunged, please provide a sketch of the buffers with dimensions and return with the survey. Additional strike extension kits may be required.

8: Local jurisdictional authorities may charge a fee for a permit, variance and/or inspection where required. Notification of Code concerns will be sent after survey is processed along with an elevation drawing of the pit dimensions after the *LifeJacket* is installed.

Please Print! Survey must be fully completed and dated for order processing. Ship to: Job ___ or Shop ___ (check one)

Job Name _____

Code in Force (i.e. A17, Title 8, B44) _____

Job Address _____

City _____ State _____ Zip/Postal Code _____ Country _____

Car # _____ Number of Landings _____ Travel _____ ft Pit Depth _____ ft Car Speed: _____ fpm.

Jack Mfg. _____ Plunger Wall Thickness _____ inches Capacity of Car _____ lbs. Car Weight _____ lbs.

Original Elevator Installing Company: _____ Date of installation _____ Mfg.'s Job Number _____

Include LifeJacket Information Display Option LJ4050 (additional charge applies): ___ Yes ___ No (*Required in Michigan*)

Packing, specify style and size _____ **Packing Must be Replaced** Is Controller: ___ Solid State OR ___ Relay

Is Pit prone to flooding? Yes ___ No ___ - - - - - (if yes, NEMA 3R conduit [liquitite flex] is supplied)

Does elevator have a bottom final limit switch? Yes ___ No ___ - - - - (if yes, it must open prior to buffer engagement)

Does Cylinder have a tapped bleeder hole in the head? Yes ___ No ___ - - - - (if no, optional drill and tap is supplied)

Is 120VAC available in controller? Yes ___ No ___ - - - - - (if no, 480/240 to 120 transformer is supplied)

How many 'wiring' feet from controller to Cylinder head? ___ Ft - - - (length of shielded cable sent for set coils and encoder)

Special delivery instructions (e.g., Do you have a forklift to get it off the truck?) _____

Pit Information Record dimensions to 3 decimal places (i.e. 1.234). DO NOT USE FRACTIONS

The plunger diameter (PD) must be *accurately* measured to thousandths of an inch. Using a diameter tape, measure the plunger in at least three (3) places. Record these measurements in the blanks below. Start measurements a foot or so above the packing head.

(PD) 1 ____ . ____ 2 ____ . ____ 3 ____ . ____ 4 ____ . ____

See diagrams on page 2 for graphic illustration of dimensions. These dimensions must be accurate for proper fit. All dimensions below must be in inches.

(BSD) _____ " (PH) _____ " (PW) _____ " (CD) _____ " (BN) _____ "
Buffer spring diameter Pedestal Height Pedestal Width Cylinder Diameter Number of Buffer springs

(RB) _____ " (BS) _____ " (SD) _____ " (BB) _____ " (CHP) _____ "

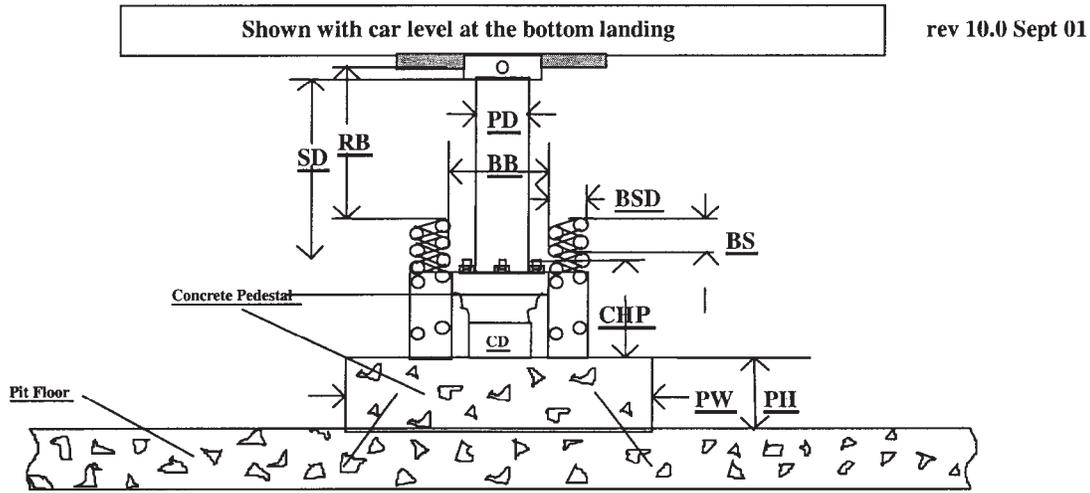
Company _____ Address _____

City _____ State _____ Zip/Postal Code _____

Survey completed by _____ Date _____

PO # _____ Charge # _____ Adams Order # _____

Phone # _____ - _____ Fax # _____ - _____ Serial # _____



rev 10.0 Sept 01

PD is the plunger diameter.

For this survey it must be measured to the thousandths using a decimal diameter tape.

BSD is the buffer spring diameter.

FD is the diameter of the widest flange section of the head, if it is a flange style head.

PH is the height of the concrete pedestal.

PW is the width of the concrete pedestal. This dimension is necessary if the buffers need to be moved or replaced.

BN is the number of Buffer Springs. Please provide a sketch of unusual buffer assemblies and return with survey.

RB is runby, a measurement from the top of the uncompressed buffer springs to the strike plates when the car is floor level.

BS is the buffer stroke and should be stamped on the buffer stand data tag, if not, measure the spring gaps and add.

SD is the strike distance between, from lowest point on the platen to the highest projection on the top of the head, when the car is floor level at the bottom floor.

BB is the distance between buffers.

CHP is the distance from the highest point of the cylinder head, to the (concrete) pedestal.

Please note items below that may have cost ramifications:

1: The distance from the pit to the machine room, the *LifeJacket* requires two 4 Conductor shielded wires and three 18G wires run to the pit from the *LifeJacket* Controller in the machine room, so allow wiring time.

2: If there is not a tapped hole in the cylinder you will have to add one. A drill and tap is provided. Takes about 1/2 hour.

3: The type of jack packing, you must replace it before installation. Extra time is saved later for repacks if it is done now.

4: If the buffers need rework, i.e. moving or shortening. The *LifeJacket's* dimensions are 15.75" x 21". If the **BB** dimension is less than 15.75", they will need to be moved.

5: If the pit floods; NEMA 3R conduit on the *LifeJacket* is provided, but not for the pit wiring, parts costs must be added.

6: The *LifeJacket™* requires 6 inches of space. If your SD dimension is greater than 6 inches + the required RB + code required, BS no variance will be necessary.

7: If buffers are multi-sprunged, please provide a sketch of the buffers with dimensions and return with the survey. Additional strike extension kits may be required.

8: Local jurisdictional authorities may charge a fee for a permit, variance and/or inspection where required. Notification of Code concerns will be sent after survey is processed along with an elevation drawing of the pit dimensions after the *LifeJacket* is installed.

Safety & Service

BARRICADES



■ A wide variety of boldly displayed warning **symbols and safety messages** alert the public and protect your workers.

■ Requires **no tools** to assemble.

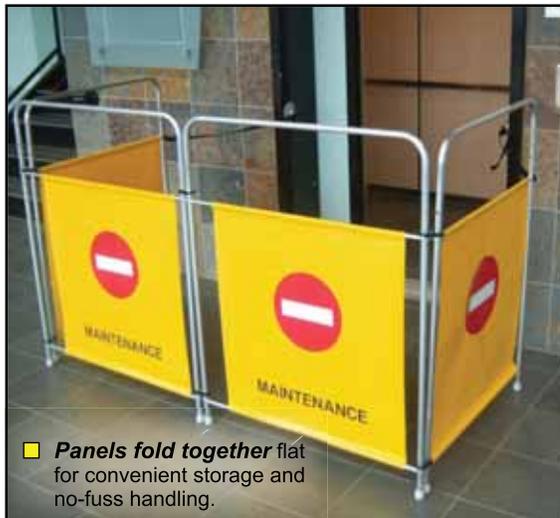
■ The sturdy **3/4" aluminum frame** with non marking rubber feet, is lightweight for easy handling. Tough for a long service life.

■ **Add your logo** to front panels for job-site recognition.



Elevator Employees' Safety Handbook 4.3 Escalator/ Moving Walk Barricades

- Barricades shall be positioned to completely surround the escalator/moving walk from public access.
- Barricades shall be positioned to surround, from public access, floor opening created when equipment access plate(s) are Removed.
- Barricades shall be a minimum of 42" (1067mm) high.
- Barricades shall be securely attached to the ballustrades, handrails, and/or floor.
- All sections shall be connected.
- A system shall be in place to keep the barricade rigid.



■ **Panels fold together** flat for convenient storage and no-fuss handling.



■ Large 3-1/4" dia. **suction cups** at both ends keep barricade fastened to elevator wall jambs or to escalator ballustrade.

■ **Optional compression clamps** allow for barricade panels to be positioned and locked at variable angles to ensure a perfect fit for your workspace and maximum strength and rigidity.

■ 16-oz. **high visibility** washable vinyl panels resist flame, wear, spills, rot, mildew.

■ Supplied **two-way locking pin system** locks panels at 180 degrees or 90 degrees to keep work zone fully protected.

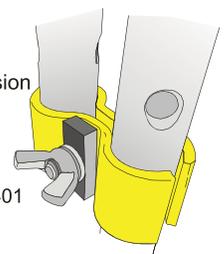
SAFETY AND SERVICE BARRICADES

Part no.	Description	Height	Weight
ASG142D1	Six panel barricade	42" tall	25 lbs.
ASG142C1	Four panel barricade	42" tall	18 lbs.
ASG142E1	Three panel barricade	42" tall	15 lbs.
ASG184D1	Six panel barricade	84" tall	50 lbs.
ASG184C1	Four panel barricade	84" tall	36 lbs.
ASG184E1	Three panel barricade	84" tall	30 lbs.
ASG401	Adjustable locking clamps (each clamp)		



Optional
compression
clamps

ASG401





SAFETY BARRICADES

Standard Order

Three panel
Qty: _____
ASG142E1

Four panel
Qty: _____
ASG142C1

Note standard order quantity or create custom order below. See "how to order" for custom barricades.

Six panel
Qty: _____
ASG142D1

Barricade Worksheet

Custom Order

Upper graphics

A B C D E F G

Lower graphics

1 2 3 4 5 6(blank) 7 Holes for windy conditions

How to order

84" tall
Double-height barricades

ASG184

42" tall
barricades

Upper graphic "A" + Lower graphic "4"

Resulting panel

ASG142

Write your choice of graphics (Example: E5, B3, F4) on the drawings provided below.

Three panel
Qty: _____
ASG142E1

Four panel
Qty: _____
ASG142C1

Six panel
Qty: _____
ASG142D1

D-Shaped locking pins provided standard between each panel.

Optional (Check to order)
 Compression Locks added between panels for variable positioning.

Company: _____ SHIP TO ADDRESS: _____

Job Name: _____

Order #: _____ P.O.#: _____

Notes: _____

Contact Name: _____ Phone # (____) ____ - ____

Fax # (____) ____ - ____



Please Photocopy and Fill in Specifications

Keep foot traffic out of service areas

Protective Barriers

Telescoping poles hold Elevator SafetyGuard securely in place



ASG101



- **SAFETY YELLOW**
High-visibility yellow, protects openings up to 4¹/₄ ft.
- **SECURE**
Telescoping mounting poles (up to 8¹/₂ ft.) secure guard into place
- **EASY TO STORE**
Fold-away, high-visibility yellow panels made of durable polyethylene plastic
- **SELF STORING**
Insulated mounting poles store inside the barrier
- **MEET CODE**
Conforms to ANSI requirements for elevators

SIZE & WEIGHT

Dimensions:

- Each section—43.5"H x 26"W x 1¹/₂" (110cm x 66cm x 4cm)
- 2-section set—4.5 ft. wide (1.7m), protects up to 4¹/₄ ft. (1.3m)

Weight:

- Each section—12 lbs. (4.5kg)
- 2-section set—24 lbs. (9.0kg)

ASG101. *SafetyGuard* for elevators; 2 sections with self-storing mounting poles.

ASG101PH. Additional panel and hardware kit for attaching panel.

Our bright-yellow plastic guards protect pedestrians from the hazards of elevator and escalator work zones
No work site should be without them!