



THE KASON MISSION:

TO PROTECT YOUR PRODUCT INTEGRITY

Our customers go to great lengths to build top-of-the-line coolers, freezers, foodservice equipment, industrial enclosures and delivery vans. Our goal is to preserve your product integrity by providing the highest quality door hardware and accessories for both original equipment and replacement applications.

End users need to protect products and processes, and lower operating costs. Their first line of defense is stable, airtight enclosures with doors that open with ease and close securely.

Since 1926, Kason has promised and delivered just that. Kason's extensive lines of walk-in and reach-in door hardware satisfy the most demanding requirements. Demonstrate the value of your products with the most innovative, dependable and longlasting hardware in the business.

RESEARCH AND TESTING

Every Kason product must fulfill our customers' requirements. Before we develop a new product, we research the needs of both our industry and end users. We are never satisfied with the status quo. Our dedicated research and development staff continually search for pioneering design concepts. They insist on engineering integrity, extensive product testing and precise, in-line quality control. That is how we have developed such successful and trustworthy products as SafeGuard® inside releasing safety latches, Pacesetter handles and hinges, stainless steel hinges and latches and truck door handles with removable cylinder locks.

CREATIVE CONCEPTS

Leading equipment manufacturers turn to Kason when they want a unique look of their own. We will adapt a stock product, design custom hardware or partner with your design engineers to develop a signature appearance just for your products. Building special and customized hardware is routine at Kason.

QUALITY

Kason production facilities boast state-of-the-art installations, featuring fully automated die-casting, polishing and electroplating, as well as a full range of electronically controlled and robotic machinery. We require the finest raw materials, accurate machine tolerances and the highest level of finishing. Skilled, experienced people maintain the Kason tradition of production excellence. Our unremitting commitment to superior manufacturing assures you consistently high quality products at the lowest possible cost. Quality assurance is integrated into every step of Kason operations – from engineering research and development through packaging and shipping.

SERVICE

The lifeline to all your foodservice needs is our efficient and friendly Customer Service Department. A representative can quickly track product availability or the status of your order with our computerized inventory and order control system. Count on dependable global delivery as we serve you from Kason distribution centers in the continental United States and Canada as well as through authorized distributors throughout the world.

OUR PROMISE

Satisfying your needs is our top priority. That is why Kason supplies you with hardware and accessories that reflect the same quality you demand in your own products. We strive to demonstrate an attitude that makes you want to do business with us. At Kason we offer a tradition of excellence, a philosophy of innovation and the most trusted name in specialty commercial hardware.

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PROTECT YOUR INTEGRITY

Protect your product integrity with the most innovative, dependable and long-lasting hardware in the business — Kason.

Walk-in manufacturers have made Kason the first name in quality hardware and panel fasteners since 1926. We retain that leadership through close relationships with our customers and thorough knowledge and understanding of their requirements.

Kason hardware and accessories continually evolve to better meet the demands of the industry. If a product does not fit an application, we develop a new product. Walk-in manufacturers benefit from our incomparable knowledge and experience, because Kason products work better and last longer. Our time-tested hardware and accessories engineered specifically for walk-in requirements provide true value.

Kason products help your walk-ins accomplish what your customers demand of them.

KASON PRODUCT LINES

HARDWARE & ACCESSORIES FOR

- Walk-In Coolers, Freezers and Test Chambers
- Reach-In Coolers, Freezers and Refrigerators
- Ovens and Heated Holding Cabinets
- Food Prep and Serving Equipment
- Cabinets and Cafeteria Equipment
- Truck Bodies
- Panelock™ Panel Fasteners
- Doorware® Sliding Door Operating Systems
- Electrical Devices and Lighting Fixtures
- ThermalFlex® Vinyl Strip Curtains and Swing Doors
- Casters and Caster Legs

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SAFETY WARNINGS

SAFETY LATCHING

Where there is a possibility of entrapment within a latched enclosure, the use of a latch or handle fitted with an inside release mechanism is mandatory. Entrapment can cause serious injury or death. Latches without this feature that are shown in this catalog are intended for use only on units with insufficient space for entrapment.

SAFEGUARD® LATCHES

SafeGuard® latches prevent entrapment in walk-ins when used with the appropriate inside release handle. SafeGuard® latches can be released with the inside release mechanism whether cylinder locked or padlocked.

INSIDE RELEASE MECHANISMS

Equipment manufacturers and installers must test the operation of inside release mechanisms for proper function after installation and before delivery to the end user. For an inside release to function properly, all designated parts must be installed correctly.

LIFT-OFF HINGES - CAUTION TO END USERS

Do not use a wedge to prop open a door fitted with lift-off hinges. In special conditions, such as strong wind, the door could be forced up the wedge and disengaged from the hinges. If a hold-open is required, choose one that is suitable for the application.



CUSTOM HARDWARE

CHALLENGE US

When leading equipment manufacturers want a new look for their top lines of commercial coolers and freezers they turn to Kason. We have the R&D and production expertise to turn a concept into practical and efficient door hardware. We've been designing and manufacturing the highest quality food service hardware since 1926.

You can see the results of Kason and the original equipment manufacturer through the collaboration on some of the best selling food service and refrigeration equipment in the industry.

Our dedicated research and development staff persistently search for pioneering design concepts. They insist on engineering integrity and precise, in-line quality control. That is how we have developed such successful and trustworthy product lines as SafeGuard® inside releasing latches, Pacesetter handles and hinges, Trapper™ grease hood filters and Panelock™ cam-locking panel fasteners.

Kason production facilities boast state-of-the-art installations, featuring fully automated die-casting, polishing and electroplating, as well as a full range of electronically controlled and robotic machinery. We require the finest raw materials, accurate machine tolerances and the highest level of finishing. A skilled and experienced production staff maintains the Kason tradition of product excellence. The Kason commitment to superior manufacturing assures you consistently high quality products at the greatest value. Quality assurance is integrated into every step of Kason operations – research and development, engineering, manufacturing, packaging, shipping, and customer service.

Call on Kason for your custom and personalized hardware needs. From adding your logo to a standard Kason design to creating a unique hardware package, our talented design engineers will partner with your staff to develop specialty hardware and accessories to benefit your products.

Ask your Kason representative about our custom design, production and delivery services.



KASON 57 SECUREGUARD™ LOCKING LATCH

COOLER/FREEZER LATCHING SYSTEM KEEPS VALUABLE STOCK SAFE

- Heavy duty latching system locks automatically when door is closed.
- Provides maximum product security and minimum product loss.
- Equipped with quality, high security brass pin-type lock cylinder.
- Saves energy and safeguards food quality because door stays shut.
- Retrofits easily on most walk-in cooler and freezer doors.
- Interior latch can be locked in open position for easier access during loading.
- Features freeze-resistant internal components.
- Available in rim cylinder and removable core cylinder lock models.

EXTERIOR VIEW



INTERIOR VIEW

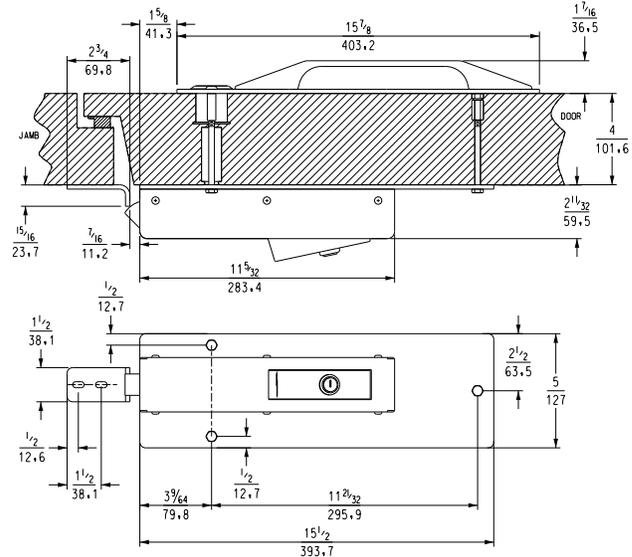


SPECIFICATIONS

MATERIAL:
Anodized aluminum mounting plates and aluminum latch cover, die-cast Zamak latch tongue, die-cast Zamak outside pull handle with polished chrome finish, stainless steel inside

push handle and strike, non-conductive plastic couplings
MOUNTING:
Mounts with 3 bolts on 4" thick door, 30" wide or greater. Latch and handle through-bolt with hidden hardware.

OPTION:
SFIC Interchangeable core lock cylinders available, includes 7-pin core, accepts 6-or 7-pin core



57-04 STANDARD RIM-CYLINDER LOCKING SYSTEM

- Complete system with pre-assembled cylinder lock. Supplied with stainless steel strike for factory installation
- Cylinder locks are keyed differently with random numbers.

57-08 REMOVABLE CORE LOCKING SYSTEM

- Complete system with removable figure-eight cylinder core allows fast, secure re-keying with any SFIC 6 or 7-pin core
- Supplied with stainless steel strike for factory installation
- Cylinder locks are keyed alike; core change key included

57-17 THRU-BOLT RETROFIT STRIKE

- Stainless steel strike through-bolts with concealed bolt holes for simple, secure installation
- Enables No. 57 latch to replace most standard walk-in latches without additional panel reinforcement. Plate covers unused screw holes.
- Use with No. 57-04 or No. 57-08 locking system flush door or door with offset up to 1-1/4" (31.6mm)

57-22 REMOVABLE CORE CYLINDER KIT

- Allows for user conversion from standard cylinder to removable core cylinder

57-26 THICK DOOR KIT

- For latch installation on doors thicker than 4"

Model No.	Item	Quantity/Carton	Approx. Weight/Carton
10057000004	Security Latch with Rim Cylinder Misc Key	1	12 lb (5.4 kg)
10057000008	Security Latch with SFIC 7-pin Rem Core Cylinder	1	12 lb (5.4 kg)
10057000017	Thru Bolt Strike, Offset Flush to 1-1/4" (31.6mm)"	1	2 lb (0.9 kg)
10057000022	Removable Core Cylinder Kit	1	1 lb
10057K00004	Security Latch with Rim Cylinder Misc Key/ QR Knob	1	12 lb
10057K00008	Security Latch with SFIC 7-pin Rem Core Cylinder/ QR Knob	1	12 lb
10057000026	Thick Door Extension Kit (5", 5 1/2", or 6")	1	1 lb
9005700242	Replacement Kit for 57-04 Cylinder Kit	1	
9005700022	Replacement Kit for 57-08 Cylinder Kit	1	
9005700243	Replacement Kit for 57-14 Cylinder Kit	1	



KASON 944 LOCKING DEADBOLT LATCH PROTECTS PRODUCTS

VERSATILE CYLINDER LOCKING DEADBOLT LATCH SECURES WALK-IN COOLER/FREEZER DOORS

- Features powerful deadbolt with high-security cylinder lock and hidden fasteners to assure tamper-resistance
- Specifically designed for flush doors for walk-in coolers and freezers
- To resist freezing, latch mounts on door jamb and features non-conductive thermoplastic couplings
- Heavy duty strike mounts on door
- 5-pin, screw-in mortise cylinder lock is standard
- Models available in polished and brushed chrome finishes



ITEM # 944 LATCH, EXTERIOR

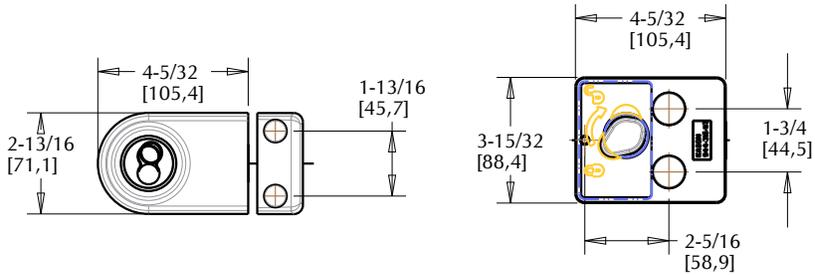


ITEM # 944 LATCH, INTERIOR

U.S. Patent Nos: 6,877,346 & D-524,143

REMOVABLE CORE LOCKING SYSTEM

- Deadbolt with optional removable cylinder core allows fast, secure re-keying
- Core change key furnished. Lock cylinders available.



SPECIFICATIONS

MATERIAL:
Die-cast Zamak exterior bolt housing and strike; 1" solid metal throw bolt; glass-filled, composite interior plate and thumbturn; plastic thru-door shaft

FINISH:
Polished or brushed chrome plated

MOUNTING:
Latch mounts on door jamb; furnished with two mounting bolts for 4" (101.6mm) thick wall; hole caps included. Strike mounts on door

MOUNTING OPTION:
Latch available for wall thicknesses from 3.5" to 6" (89 - 152mm). User must supply thru-screws of desired length

CYLINDER LOCK:
Standard five-pin brass, screw-in. Keyed alike

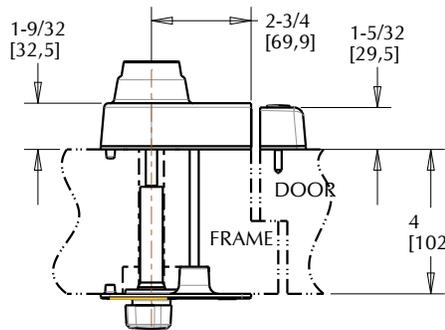
OFFSET:
Flush

CYLINDER OPTIONS:
Latch available with SFIC rem core 7-pin cylinder or without cylinder lock for customer installation of separate cylinder lock

PACKAGING:
One per carton

WEIGHT:
Approximately 3-1/2 lb. (89kg) per carton

USER SUPPLIED CYLINDER:
User may supply their own cylinder: any standard Rim Cylinder with 1-1/8" length body and Adams Rite cam. Order standard latch. User replaces cylinder



Model No.	Item	Finish
10944000044	Deadbolt Latch with Cylinder 4"	Polished Chrome
10944000045	Deadbolt Latch with Cylinder 4"	Brushed Chrome
10944000046	Deadbolt Latch without Cylinder 4"	Polished Chrome
10944000047	Deadbolt Latch without Cylinder 4"	Brushed Chrome
10944000048	Deadbolt Latch with Rem Core Cylinder 4"	Polished Chrome
10944000049	Deadbolt Latch with Rem Core Cylinder 4"	Brushed Chrome
10944000050	Deadbolt Latch with Rem Core Cylinder 1" Wall Cooler Only	Polished Chrome
10944000054	Deadbolt Latch with Cylinder Univ. 3.5-6	Polished Chrome
10944000055	Deadbolt Latch with Cylinder Univ. 3.5-6	Brushed Chrome
10944000056	Deadbolt Latch without Cylinder Univ. 3.5-6	Polished Chrome
10944000057	Deadbolt Latch without Cylinder Univ. 3.5-6	Brushed Chrome
10944000058	Deadbolt Latch with Rem Core Cylinder Univ. 3.5-6"	Polished Chrome
10944000059	Deadbolt Latch with Rem Core Cylinder Univ. 3.5-6"	Brushed Chrome
9094400242KEYS	2 Spare Keys for 944-242 Cyl, #25012	
9094400249	Replacement Cylinder Kit*	

*Cylinder kit only available for 10944000048, 10944000049, and 10944000050

948C CYLINDER LOCKING INSIDE RELEASE SYSTEM

- Tamper resistant cylinder locking system complements any pull handle or latch system.
- Mounts entirely on door, so not affected by door sag.
- Cylinder mounts with one-way slotted screws for extra security
- Turn of the lever unlocks or relocks door from inside; no parts to remove or re-position

SPECIFICATIONS

MATERIAL/FINISH:
LOCK - Die-cast zinc/polished chrome

INSIDE RELEASE - Metal hub and flange, stainless steel arm and bolt, nylon bushing and shaft, polypropylene strike

MOUNTING:
 Mounts through door with No. 10 (5.0mm) flat head screws

SHAFT LENGTH:
 Standard for 4" (101.6mm) door thickness. Custom lengths available; specify door thickness when ordering

PACKAGING:
 24 per carton.

WEIGHT:
 23.2 lb. (10.5kg) per carton

Model No.	Item
10948C00004	Cylinder Housing with Inside release
May be keyed alike or differently; 5 Key changes available; please specify	

36 PADLOCKING HASP WITH INSIDE RELEASE

- Simple padlocking hasp secures any walk-in cooler or freezer door
- To lock, move stainless steel locking bar to horizontal position across door, then secure with your padlock
- Installs fast at the plant or in the field with simple, through-the-jamb mounting
- Tamper-resistant because fasteners are covered when unit is locked
- When open, holds padlock to prevent loss
- Glow in the dark inside release twist knob

SPECIFICATIONS

MATERIAL/FINISH:
 Chrome plated die-cast zinc post; stainless steel locking bar with brushed finish; glow in the dark twist-off knob

OFFSETS:
 See order information

MOUNTING:
 Mounts through door jamb for right- or left-opening door. Drilled and countersunk for concealed No. 10 (5.0mm) flathead screws

ROD LENGTH:
 Standard for 4" (101.6mm) door thickness. Order 10036000012 for custom door thickness and cut length to suit

PACKAGING:
 12 per carton

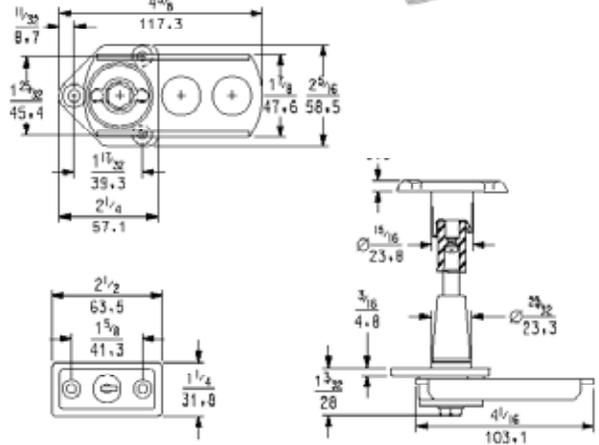
WEIGHT:
 13.2 lb. (6.0kg) per carton

Model No.	Offset
10036000002	Flush (0.0 mm)
10036000006	1-1/8" (28.6 mm)
10036000008	1-3/8" (34.9 mm)
10036000012	Knob with Threaded Rod 11-1/4" Long (6 per Carton)

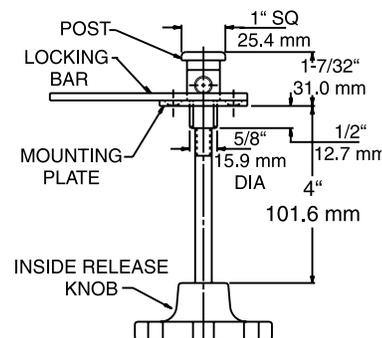
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U.S. Trademark 5,272,931



ITEM # 36





56 LATCH

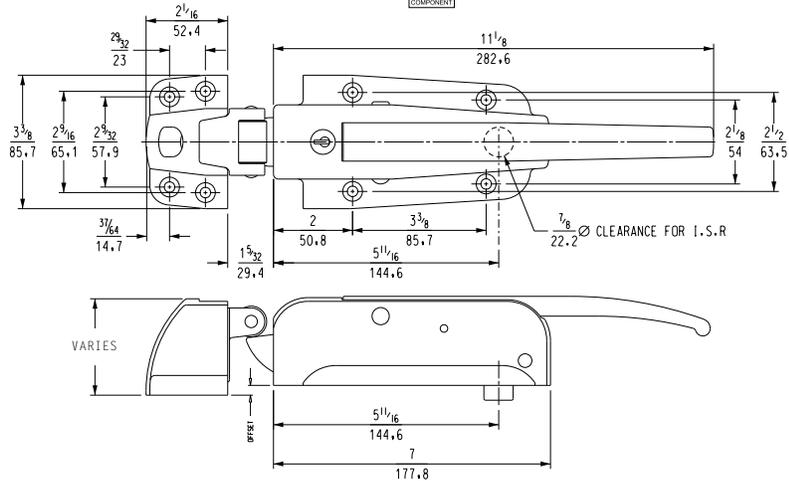


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56 SAFEGUARD® LATCH

- Bolt-type tongue provides positive locking action
- Proven, heavy-duty construction outlasts similar latches in hard commercial use
- Adjustable strike assures precise adjustment
- Padlocking provision standard on all models
- Accepts Kason inside release lever to prevent accidental entrapment in locked walk-ins
- Inside lever releases cylinder-locked or padlocked door
- Unsurpassed for long life and reliability

ITEM # 56



SPECIFICATIONS

MATERIAL:

High pressure die-cast zinc body and strike housing, 300 series stainless steel handle.

FINISH:

See table on pg. B8. Powder coat finishes and stainless steel handle available for use in extreme environmental conditions. Contact your Kason representative for more information.

MOUNTING:

Holes drilled and countersunk for 1/4" (6.0mm) screws

PACKAGING/WEIGHT:

6 body assemblies per carton/approx. 30 lb (14 kg) per carton

6 strike assemblies per carton/approx.

10 lb (4.5 kg) per carton

INSIDE RELEASE:

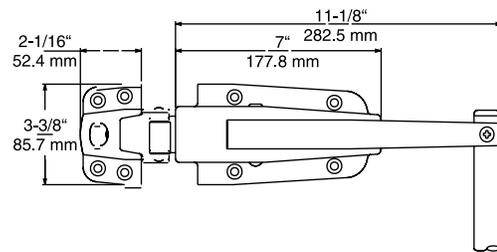
Order separately. See pages B27 - 30 for selection.

LOCKING MECHANISM:

Accepts Master #1 LJ Padlock with 5/16" shank



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ITEM # 5656

5656 TWO-POINT LOCKING LATCH

Two No. 56 latches with stainless steel connecting rod. Lower latch is cylinder locking. Rod is 7/8" (22.2mm) diameter and 37-1/4" (946.2mm) long, sold separately. Latch has all the features of No. 56 latch.

SPECIFICATIONS

Packaging/Weight:

1 set per carton/approx. 16 lb. (7.3 kg)

KASON SAFEGUARD® LATCHES

56 SERIES ORDERING INFORMATION

Model No.	Item	Description	Finish
10056CH5020	Cylinder Locking Body	Heavy Spring	Polished Chrome
10056CH6021	Cylinder Locking Body	Heavy Spring	Brushed Chrome
10056CH0108	Cylinder Locking Body	Heavy Spring	Silver Powder Coat
10056CLT108	Cylinder Locking Body	Light Spring	Silver Powder Coat Body, Polished SS Handle
10056CLT208	Cylinder Locking Body	Light Spring	Silver Powder Coat Body and Handle
10056CL5020	Cylinder Locking Body	Light Spring	Polished Chrome
10056CL6021	Cylinder Locking Body	Light Spring	Brushed Chrome
10056CL0108	Cylinder Locking Body	Light Spring	Silver Powder Coat
10056CL902005	Cylinder Locking Body	Light Spring	Black Powder Coat Body and Handle
10056CL902205	Cylinder Locking Body	Light Spring	Black Powder Coat Body, Polished SS Handle
10056CX5020	Cylinder Locking Body	X-Light Spring	Polished Chrome
10056H05020	Padlocking Body	Heavy Spring	Polished Chrome
10056H06021	Padlocking Body	Heavy Spring	Brushed Chrome
10056L0T108	Padlocking Body	Light Spring	Silver Powder Coat Body, Polished SS Handle
10056L0T208	Padlocking Body	Light Spring	Silver Powder Coat Body and Handle
10056L00086	Padlocking Body	Light Spring	Silver Powder Coat
10056L05020	Padlocking Body	Light Spring	Polished Chrome
10056L06021	Padlocking Body	Light Spring	Brushed Chrome
10056L09022	Padlocking Body	Light Spring	Black Powder Coat Body, Polished SS Handle
10056L00086	Padlocking Body	Light Spring	Silver Powder Coat
10056XL5020	Padlocking Body	X-Light Spring	Polished Chrome
10056XL6020	Padlocking Body	X-Light Spring	Brushed Chrome
10056XL0086	Padlocking Body	X-Light Spring	Silver Powder Coat

Model No.	Item	Finish	Offset
1005600(X)00(Y)	Strike	See X Options In Table Below	See Y Options In Table Below
		X = 5 Polished Chrome	Y = 2 -1/8" to 1/4" (-3.2 to 6.4 mm)
		6 Brushed Chrome	3 3/4" to 1-1/2" (19.0 to 38.1 mm)
		T Silver Powder Coat	5 1-3/4" to 2-1/2" (44.5 to 63.5 mm)
			8 3" to 4" (76.2 to 101.6 mm)

90056CM0004 Cylinder Kit for 56C models.

Cylinder locks may be keyed alike or differently; 5 key changes available. Please specify.

Model No.	Item	Description	Tube Length	Finish
15656CL0004*	Cylinder Locking Two Point Latch	-1/8" to 1/4" (-3.2 to 6.4 mm)		Polished Chrome
15656L00004*	Padlocking Two Point Latch	-1/8" to 1/4" (-3.2 to 6.4 mm)		Polished Chrome
15656CL3004	Cylinder Locking Two Point Latch	-1/8" to 1/4" (-3.2 to 6.4 mm)	30" CL to CL	Polished Chrome
15656L30004	Padlocking Two Point Latch	-1/8" to 1/4" (-3.2 to 6.4 mm)	30" CL to CL	Polished Chrome
15656CL3604	Cylinder Locking Two Point Latch	-1/8" to 1/4" (-3.2 to 6.4 mm)	36" CL to CL	Polished Chrome
15656CL3605	Cylinder Locking Two Point Latch	-1/8" to 1/4" (-3.2 to 6.4 mm)	36" CL to CL	Brushed Chrome
15656L36004	Padlocking Two Point Latch	-1/8" to 1/4" (-3.2 to 6.4 mm)	36" CL to CL	Polished Chrome
15656L36020	Padlocking Two Point Latch	3/4" to 1-1/2" (19.1 to 38.1 mm)	36" CL to CL	Polished Chrome
15656L36021	Padlocking Two Point Latch	3/4" to 1-1/2" (19.1 to 38.1 mm)	36" CL to CL	Brushed Chrome
15656L36005	Padlocking Two Point Latch	-1/8" to 1/4" (-3.2 to 6.4 mm)	36" CL to CL	Brushed Chrome
*95656004740097	Connecting Tube		36" CL to CL	Stainless Steel

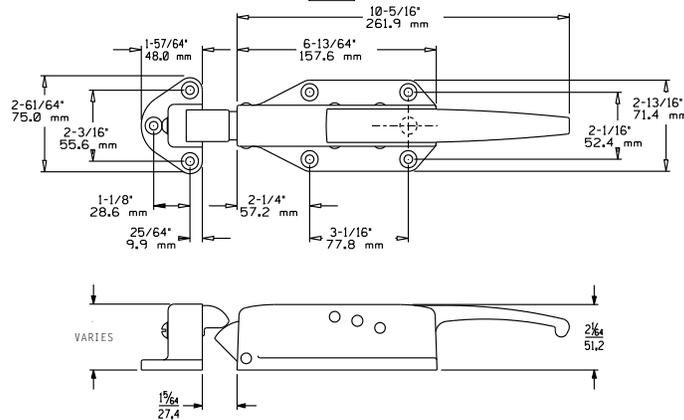


58 LATCH



U.S. Trademark 2,227,009

ITEM # 58



58 RADIAL LATCH

- For smooth, easy closure
- Works with foam doors
- Reliable, self-closing action provides positive tight closure with little effort
- Releases with minimum pressure or pull from outside or from inside with Kason inside release handle
- Works effectively with Kason door closers
- Economical, adjustable solid head strike
- Padlocking provision standard on all models



ITEM # 59 ROLLER STRIKE

59 ROLLER STRIKE

SPECIFICATIONS

MATERIAL:

High pressure die-cast zinc. Stainless black plate

FINISH:

Polished chrome models listed. Also available in brushed chrome, silver powder coat, or powder coated for severe environmental applications

MOUNTING HOLES:

Drilled and countersunk for 1/4" (6.0mm) screws

PACKAGING/WEIGHT:

6 body assemblies/approx. 16 lb. (7.3kg) per carton.
6 strike assemblies/approx. 7 lb. (3.2kg) per carton

INSIDE RELEASE:

Accepts "C" series inside release. Order separately. See pages B27 - 30 for selection.

LOCKING MECHANISM:

Accepts Master #1 LJ Padlock with 5/16" shank

Strike Sold Separately.

Model No.	Item	Description
10058CH5020	Cylinder Locking Body	Heavy Spring
10058CL5020	Cylinder Locking Body	Light Spring
10058H05021	Body	Heavy Spring
10058L05021	Body	Light Spring
10058005001	Strike	-1/8" to 1/4" (-3.2 to 6.4 mm)
10058005002	Strike	3/4" to 1-5/8" (19.0 to 41.3 mm)
10058005003	Strike	1-3/4" to 2-1/2" (44.5 to 63.5 mm)
10059005001	Roller Strike	-1/8" to 1/4" (-3.2 to 6.4 mm)
10059005002	Roller Strike	3/4" to 1-5/8" (19.0 to 41.3 mm)
10059005003	Roller Strike	1-3/4" to 2-1/2" (44.5 to 63.5 mm)
90531CM000401	Replacement Cylinder Kit #1	
90531CM000402	Replacement Cylinder Kit #2	
90531CM000403	Replacement Cylinder Kit #3	
90531CM000404	Replacement Cylinder Kit #4	

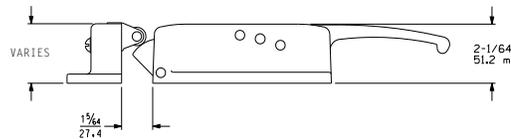
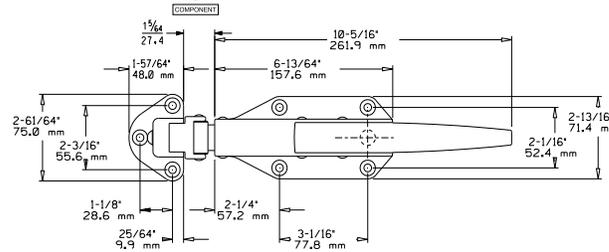
**Light Spring Models with roller strike

77 LATCH & STRIKE



®
U.S. Trademark 2,227,009

ITEM # 77



77 ROLLING RADIAL LATCH WITH STRIKE

- For lighter weight foam doors
- Radial tongue combined with a roller strike for easiest closing and smoothest opening walk-in doors
- Releases with minimum pressure or pull from outside or push from inside with Kason inside release handle
- Mate with Kason door closer for effortless closure
- Adjustable strike assures exact door alignment.
- Padlocking provision standard on all models

SPECIFICATIONS

MATERIAL:
High pressure die-cast zinc. Stainless steel back plate

FINISH:
Polished chrome models listed. Also available in brushed chrome, silver powder coat for severe environmental applications

MOUNTING:
Holes drilled and countersunk for 1/4" (6.0 mm) screws

PACKAGING:
6 per carton

WEIGHT:
Approx. 24 lb. (11.3kg) per carton

INSIDE RELEASE:
Accepts "C" series inside release. Order separately. See pages B27 - 30 for selection.

LOCKING MECHANISM:
Accepts Master #1 LJ Padlock with 5/16" shank

Model No.	Description	Offsets
10077CH0004C	Cylinder Locking , Heavy Spring	-1/8" to 1/4" (-3.2 to 6.4 mm)
10077CH0008C	Cylinder Locking , Heavy Spring	3/4" to 1-5/8" (19.0 to 41.3 mm)
10077CH0012C	Cylinder Locking , Heavy Spring	1-3/4" to 2-1/2" (44.5 to 63.5 mm)
10077CL0004C	Cylinder Locking, Light Spring	-1/8" to 1/4" (-3.2 to 6.4 mm)
10077CL0008C	Cylinder Locking, Light Spring	3/4" to 1-5/8" (19.0 to 41.3 mm)
10077CL0012C	Cylinder Locking, Light Spring	1-3/4" to 2-1/2" (44.5 to 63.5 mm)
10077H00004C	Latch, Heavy Spring	-1/8" to 1/4" (-3.2 to 6.4 mm)
10077H00008C	Latch, Heavy Spring	3/4" to 1-5/8" (19.0 to 41.3 mm)
10077H00012C	Latch, Heavy Spring	1-3/4" to 2-1/2" (44.5 to 63.5 mm)
10077L00004C	Latch, Light Spring	-1/8" to 1/4" (-3.2 to 6.4 mm)
10077L00008C	Latch, Light Spring	3/4" to 1-5/8" (19.0 to 41.3 mm)
10077L00012C	Latch, Light Spring	1-3/4" to 2-1/2" (44.5 to 63.5 mm)

Strike model 59 is included with all 77 models.

Cylinder locking latches may be keyed alike or differently; 5 key changes available; please specify.

90531CM000401	Replacement Cylinder Kit #401
90531CM000402	Replacement Cylinder Kit #402
90531CM000403	Replacement Cylinder Kit #403
90531CM000404	Replacement Cylinder Kit #404

**Light Spring Models with roller strike

78 LATCH



®
U.S. Trademark 5,760,311

U.S. Patent No. D-649,861

ITEM # 78



78 RADIAL LATCH

- Radial tongue makes for effortless door closure when combined with Kason door closers
- Meets 2009 Federal Energy mandate requirements for door seal when used with a Kason door closure
- Works effectively with our 56 or 59 series adjustable strike assemblies
- Padlock option standard for all models
- Cylinder option available for all models

SPECIFICATIONS

MATERIAL:
High pressure die-cast zinc

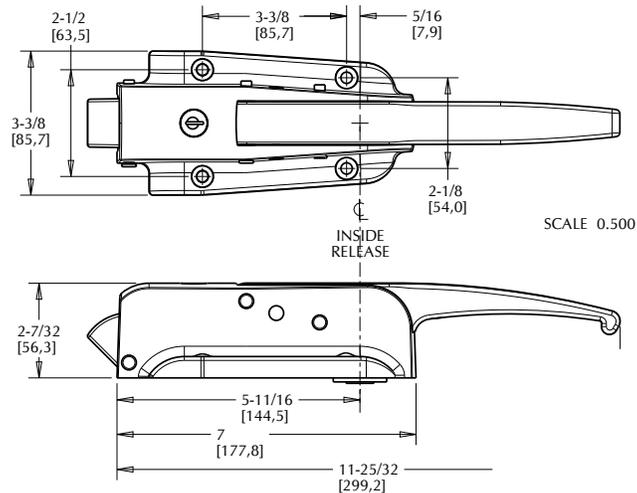
FINISH:
Three available finishes - Polished chrome, brushed chrome, or Silver Powder Coat

MOUNTING HOLES:
Drilled and countersunk for 1/4" (6.0mm) screws

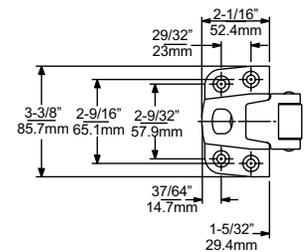
PACKAGING/WEIGHT:
6 body assemblies/approx. 16 lb. (7.3kg) per carton
6 strike assemblies/approx. 7 lb. (3.2kg) per carton

INSIDE RELEASE:
Only accepts "C" series rods. See pages B27 - 30 for selection.

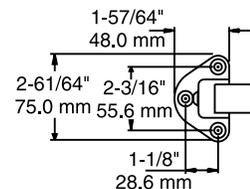
LOCKING MECHANISM:
Accepts Master #1 LJ Padlock with 5/16" shank



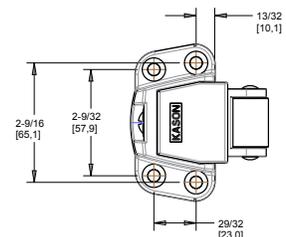
56 ROLLER STRIKE



59 ROLLER STRIKE



779 STAINLESS STEEL SPRING ROLLER STRIKE



**Light Spring Models with roller strike

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0620 LIT 001



**ITEM # 779 STAINLESS STEEL
SPRING ROLLER STRIKE**

- Protects the latch mechanism which is not designed for door closure after being locked. Use on 58, 78 and 778 latches
- Designed with a spring loaded, pivoting roller arm which deflects when door is closed with a locked latch, preventing unwanted damage to the latch
- Arm has full rigidity when engaged with latch
- Tamper proof spring and pins
- Type 316 stainless steel cast components
- Nylon roller standard, stainless steel roller optional

Model No.	Item	Description	Finish
10779006002	Strike Assy	1/8 to 3/4"	Satin
10779006003	Strike Assy	3/4-1 5/8"	Satin
10779006102	Strike Stainless Steel Roller	1/8 to 3/4"	Satin
10779006103	Strike Stainless Steel Roller	3/4-1 5/8"	Satin

78 SERIES ORDERING INFORMATION

Model No.	Item	Description	Finish
10078CL5020	Locking Cylinder	Body Only	Chrome
10078CL6020	Locking Cylinder	Body Only	Brushed Chrome
10078L05020	Locking Non-Cylinder	Body Only	Chrome
10078L06020	Locking Non-Cylinder	Body Only	Brushed Chrome
10056005000	Strike	1-5/8" to 2-1/2"	Chrome
10056005002	Strike	1/8" Below to 1/4" Above	Chrome
10056005003	Strike	3/4" to 1-1/2"	Chrome
10056005005	Strike	1-3/4" to 2-1/2"	Chrome
10056005008	Strike	3" to 4"	Chrome
10056006000	Strike	1-5/8" to 2-1/2"	Brushed Chrome
10056006002	Strike	1/8" Below to 1/4" Above	Brushed Chrome
10056006003	Strike	3/4" to 1-1/2"	Brushed Chrome
10056006004	Strike	1-3/8" to 1-3/4"	Brushed Chrome
10056006005	Strike	1-3/4" to 2-1/2"	Brushed Chrome
10059005001	Strike	1/8" Below to 1/4" Above	Chrome
10059005002	Strike	3/4" to 1-5/8"	Chrome
10059005003	Strike	1-3/4" to 2-1/2"	Chrome
10059005005	Strike	1-3/8" to 2-1/8"	Chrome
10059006001	Strike	1/8" Below to 1/4" Above	Brushed Chrome
10059006002	Strike	3/4" to 1-5/8"	Brushed Chrome
10059006003	Strike	1-3/4" to 2-1/2"	Brushed Chrome
10059006005	Strike	1-3/8" to 2-1/8"	Brushed Chrome

Powder coated finishes available upon request. Cylinder locks may be keyed alike or differently. Please specify.

Compatible inside release items are: 0481C, 0481SC, 0482C, 0486C, 0486CF, 0487C, 0489C and 0489CF Assemblies.

90531CM000401	Replacement Cylinder Kit #401
90531CM000402	Replacement Cylinder Kit #402
90531CM000403	Replacement Cylinder Kit #403
90531CM000404	Replacement Cylinder Kit #404



ITEM # 78S

U.S. Patent No. D-779,306

78S SAFEGUARD® LATCH

- Latch supplied with ergonomically correct pull handle
- Impact and UV resistant composite grip
- Pathoguard™ infused grip
- Easy grip handle makes opening large, heavy doors effortless
- Reduced stress on employees



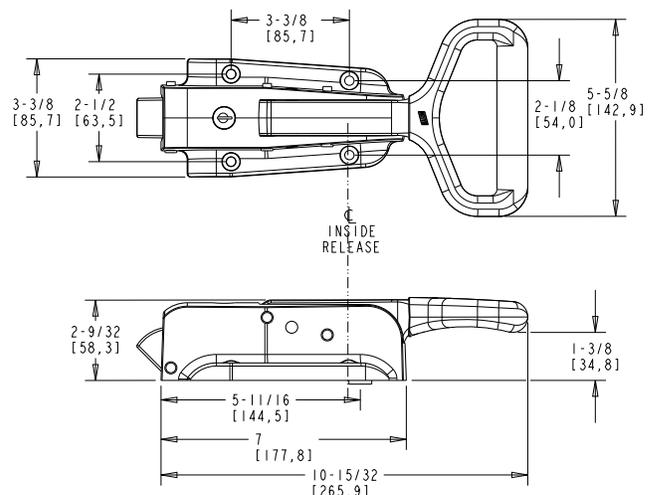
SPECIFICATIONS

MATERIAL:
High pressure die-cast zinc

FINISH:
Three available finishes - Polished chrome, brushed chrome, or Silver Powder Coat

PACKAGING/WEIGHT:
6 body assemblies/approx. 16 lb. (7.3kg) per carton
6 strike assemblies/approx. 7 lb. (3.2kg) per carton

MOUNTING HOLES:
Drilled and countersunk for 1/4" (6.0mm) screws



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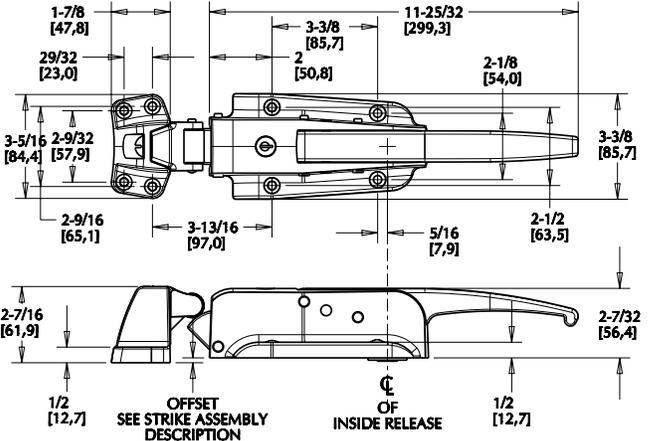
Model No.	Item
10078S05022	Latch, Shvl, Chr Non-cyl
10078S06022	Latch, Shvl, Bru-Chr Non-cyl
10078CS02202	Latch Chr Shvl Key 602
10078CS602202	Latch Bru-Chr Shvl Key 602

778 STAINLESS STEEL LATCH



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U.S. Trademark 5,760,311
U.S. Patent No. D-649,861

ITEM # 778



778 STAINLESS STEEL SAFEGUARD® LATCH CORROSION RESISTANT SAFETY LATCH

- Radial tongue makes for effortless door closure when combined with Kason door closers
- The walk-in latch unsurpassed for reliability is now available for the most challenging applications
- No. 778 features unequalled strength and corrosion-resistance
- Tamper-resistant locking mechanism and mounting are built in.
- Adjustable roller strike assures precise adjustment
- Padlocking provision standard on all models
- Accepts Kason inside release lever to prevent accidental entrapment in locked walk-ins. Inside lever releases cylinder locked or padlocked door.

SPECIFICATIONS

MATERIAL:
Satin Finish, #316 stainless steel body and strike housing

PACKAGING:
6 per carton

LOCKING MECHANISM:
Accepts Master #1 LJ Padlock with 5/16" shank

MOUNTING:
Holes drilled and countersunk for 1/4" (6mm) screws

INSIDE RELEASE:
Accepts any "C" series inside release. See No. 481SC, shown below. Order separately

Model No.	Description	
10778CL6020*	Cylinder Latch Body, Light Spring	UL
10778L06020*	Padlocking Latch Body, Light Spring	UL
10778CH6020	Cylinder Latch Body, Heavy Spring	-
10778H06020	Padlocking Latch Body, Heavy Spring	-
10778006002	Strike, -1/8" to 3/4" (-3 - 19mm)	
10778006003	Strike, 3/4" to 1-5/8" (19 - 41mm)	
10778006004	Strike, 1-5/8" to 2-1/2" (41-64mm)	
10778006102	Strike, Stainless Steel Roller -1/8" to 3/4" (-3 - 19mm)	
10778006103	Strike, Stainless Steel Roller 3/4" to 1-5/8" (19 - 41mm)	
10778006104	Strike, Stainless Steel Roller 1- 5/8" to 2-1/2" (41-64mm)	
90531CM000401	Replacement Cylinder Kit #401	
90531CM000402	Replacement Cylinder Kit #402	
90531CM000403	Replacement Cylinder Kit #403	
90531CM000404	Replacement Cylinder Kit #404	

**Light Spring Models with roller strike

481SC STAINLESS STEEL INSIDE RELEASE

- Opens padlocked or cylinder locked No. 778 latch from inside of walk-in.
- Clearly visible Safety-Glow knob for added safety.

SPECIFICATIONS

MATERIAL:
Stainless steel rod and flange, glow in the dark plastic knob.

MOUNTING:
Holes drilled for No. 10 (5mm) screws

PACKAGING:
24 per carton



ITEM # 481SC



Model No.	Description
10481SC0400	Inside Release for 4" (102mm) Thick Door
10481SC0600	Inside Release for 6" (152mm) Thick Door



ITEM # 55

55 SAFEGUARD® LATCH

This pioneer, heavy duty refrigeration equipment safety latch has been imitated but never matched in rugged mechanical features and value. Designed to prevent accidental entrapment in walk-ins.

- Designed for large doors and test chambers that require a positive latch.
- Complete with inside release lever to prevent accidental entrapment in locked walk-ins. Inside lever releases cylinder-locked or padlocked door.
- Innovative micro-adjustable strike assures precise adjustment.

SPECIFICATIONS

MATERIAL:

High pressure die-cast zinc body and strike housing, stainless steel handle, cold rolled steel inside release paddle assembly

FINISH:

See table to right

MOUNTING:

Holes drilled and countersunk for 1/4" (6.0mm) screws

DOOR THICKNESS:

Plunger rod for inside release handle fits 6" (152.4mm) door. Specify other door thickness

SPRING OPTIONS:

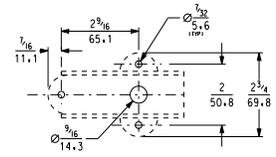
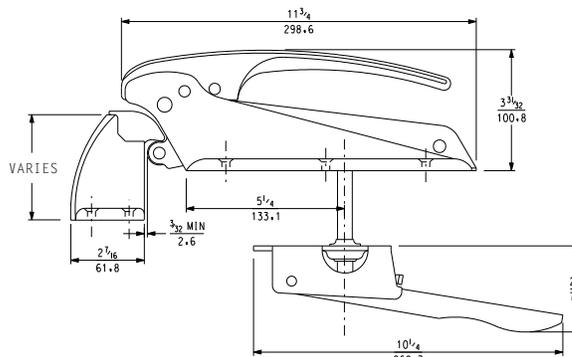
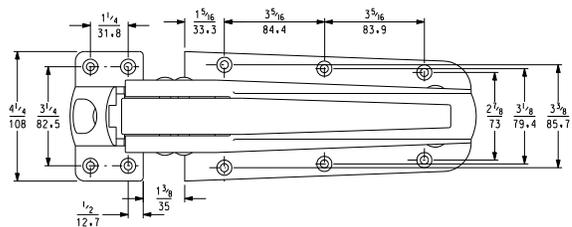
Specify preference as follows:

55XL – Latch with light spring

55XXL – Latch with extra-light spring; use with Kason 486D or 489D push-type inside release. For inside releases, See pages B27 - 30 for selection.

PACKAGING/ WEIGHT:
1 per carton / Approx. 14 lb. (6.4kg) per carton

LOCKING MECHANISM
Accepts Master #101 Padlock with 5/16" shank



Model No.	Offset	Finish
10055000020	Flush to 3/16" (0.0 to 4.8 mm)	Polished Chrome
10055000024	3/4" to 1-1/8" (19.0 to 28.6 mm)	Polished Chrome
10055000028	1-1/8" to 1-5/8" (28.6 to 41.3 mm)	Polished Chrome
10055000032	1-3/8" to 1-7/8" (34.9 to 47.6 mm)	Polished Chrome
10055000065	Flush to 3/16" (0.0 to 4.8 mm)	Silver Powder Coat
10055000066	3/4" to 1-1/8" (19.0 to 28.6 mm)	Silver Powder Coat
10055000068	1-1/8" to 1-5/8" (28.6 to 41.3 mm)	Silver Powder Coat
No. 55 bodies and strikes may be ordered separately.		
Brushed Chrome and Powder Coat finishes available. Request information.		
15582000004	1-1/8" to 1-5/8" (28.6 to 41.3 mm)	Chrome

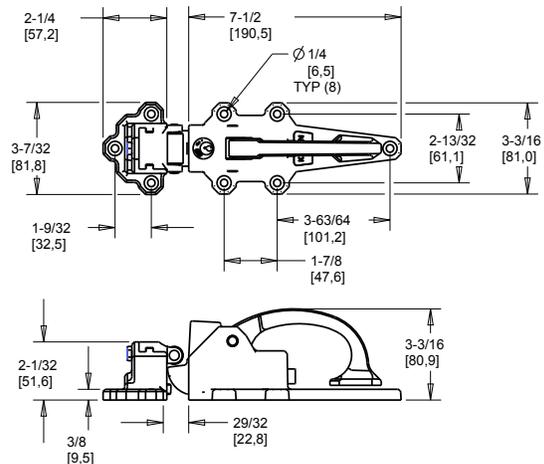
5582 SAFEGUARD® FREEZER LATCH

Same features and specifications as No. 55, except uses fiberglass rod and neoprene washer as cold barrier and inside release is rubber-coated to minimize surface frosting. Designed to prevent accidental entrapment in walk-ins.

KASON HEAVY DUTY BRASS LATCHES



ITEM # 50



50 CYLINDER LOCKING BRASS LATCH

- Super strength brass latch easily withstands toughest applications.
- Provides the ultimate corrosion resistance.
- Stationary cylinder lock.

SPECIFICATIONS

MATERIAL:
Forged brass with steel tongue and strike inserts.

FINISH:
Polished chrome.

OFFSETS:
See order information.

MOUNTING:
Holes drilled and countersunk for 1/4" (6.0mm) screws.

PACKAGING:
1 per carton.

WEIGHT:
Approx. 7 lb. (3.2kg) per carton.

LOCKING MECHANISM:
Accepts Master #1 LJ Padlock with 5/16" shank

45 PADLOCKING LATCH

Same as No. 50 latch with provision for padlock only.

WARNING: No. 45 and 50 latches cannot be opened from inside when locked, therefore they should not be used on doors which are sole means of exit from walk-ins. When safety latches are required, see Kason SafeGuard® latches in this section.

Model No.	Item	Offset
10050S00002	Stationary Cylinder Locking Latch with Strike	-1/4" to 1/8" (-6.4 to 3.2 mm)
10050S00008	Stationary Cylinder Locking Latch with Strike	Flush to 1/2" (0.0 to 12.7 mm)
10050S00012	Stationary Cylinder Locking Latch with Strike	3/4" to 1-1/4" (19.0 to 31.8 mm)
10050S00040	Stationary Cylinder Locking Body Only	
90050AS0090	Cylinder & Keys for 50S Latch Body Only	
10048000028*	Strike for 50, 51 and 45, 46 Latches	Flush to 1/2" (0.0 to 12.7 mm)
10048000032*	Strike for 50, 51 and 45, 46 Latches	3/4" to 1-1/4" (19.0 to 31.8 mm)
10048000034*	Strike for 50, 51 and 45, 46 Latches	-1/4" to 1/8" (-6.4 to 3.2 mm)

Cylinder locks may be keyed alike or differently; 50 key changes available; please specify. Two keys are furnished.

*Strike sold separately.

90050AS- Cylinder Kit

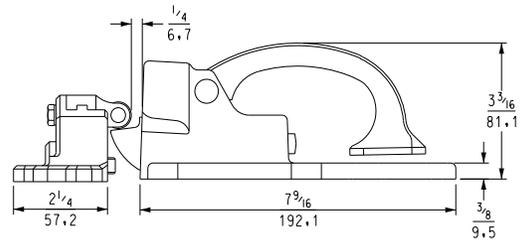
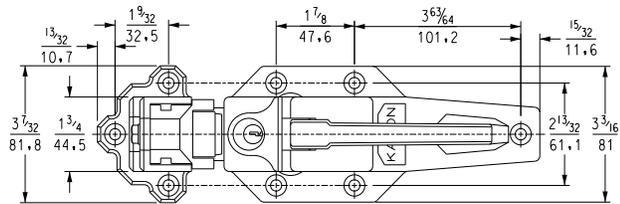
A key number must be specified; 1-50.

10045000002	Padlocking Latch	-1/4" to 1/8" (-6.4 to 3.2 mm)
10045000006	Padlocking Latch	Flush to 1/2" (0.0 to 12.7 mm)
10045000008	Padlocking Latch	3/4" to 1-1/4" (19.0 to 31.8 mm)
10045000012	Padlocking Body	

Order 0048 Series strike from No. 0050 ordering information, above.



ITEM # 51



51 CYLINDER LOCKING LATCH

- Strong, economical latch features forged brass handle and strike housing.
- Provides the ultimate corrosion resistance.
- Micrometer strike for positive offset adjustments.
- Stationary cylinder lock.

SPECIFICATIONS

<p>MATERIAL: High pressure die-cast zinc body, forged brass handle and strike housing.</p> <p>FINISH: Polished chrome.</p> <p>OFFSETS: See order information.</p>	<p>MOUNTING: Holes drilled and countersunk for 1/4" (6.0mm) screws.</p> <p>PACKAGING: 1 per carton</p> <p>WEIGHT: Approx. 6 lb. (2.7kg) per carton.</p>	<p>LOCKING MECHANISM: Accepts Master #1 L Padlock with 5/16" shank</p>
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Strike is included with all models.

Model No.	Item	Offset
10051S00002	Stationary Cylinder Locking Latch with Strike	-1/4" to 1/8" (-6.4 to 3.2 mm)
10051S00008	Stationary Cylinder Locking Latch with Strike	Flush to 1/2" (0.0 to 12.7 mm)
10051S00012	Stationary Cylinder Locking Latch with Strike	3/4" to 1-1/4" (19.0 to 31.8 mm)

Latch sold separately. For strikes see page B-13.

90050AS- Cylinder Kit

A key number must be specified; 1-50.

10051S00006	Stationary Cylinder Locking Body
10050AS0090	Cylinder & Keys for 51S Latch Body

Cylinder locks may be keyed alike or differently; 50 key changes available; please specify. Two keys are furnished.

10046000002	Padlocking Latch	-1/4" to 1/8" (-6.4 to 3.2 mm)
10046000008	Padlocking Latch	Flush to 1/2" (0.0 to 12.7 mm)
10046000012	Padlocking Latch	3/4" to 1-1/4" (19.0 to 31.8 mm)

46 PADLOCKING LATCH

Same as No. 51 latch with provision for padlock only.

WARNING: Nos. 46 and 51 latches cannot be opened from inside when locked, therefore they should not be used on doors which are sole means of exit from walk-ins. When safety latches are required, see Kason SafeGuard® latches in this section.

KASON MULTIPLE SEAL LATCHES



ITEM # 5050

5050 TWO POINT CYLINDER LOCKING LATCH

- Heavy duty two-point locking latch with stationary cylinder
- For long doors and heavy-duty applications
- Provides the ultimate corrosion resistance

SPECIFICATIONS

MATERIAL:
Forged brass body, handle and strike housing, forged steel tongue, malleable iron strike insert, stainless steel tube

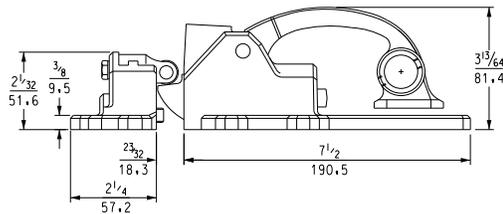
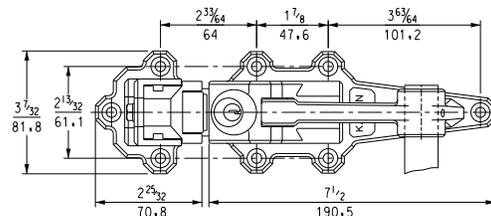
FINISH:
Latches polished chrome

MOUNTING:
Holes drilled and countersunk for 1/4" (6.0mm) screws

ROD SIZE:
7/8" (22.2mm) dia.; 50-1/4" (1276.4mm) length. Other lengths available to specification

WEIGHT:
Approx. 8.5 lb. (3.9kg) per carton

LOCKING MECHANISM:
Accepts Master #1 LJ Padlock with 5/16" shank



95050004745000 tube sold separately, for use on all 4545, 4646, 5050, 5151 latches.

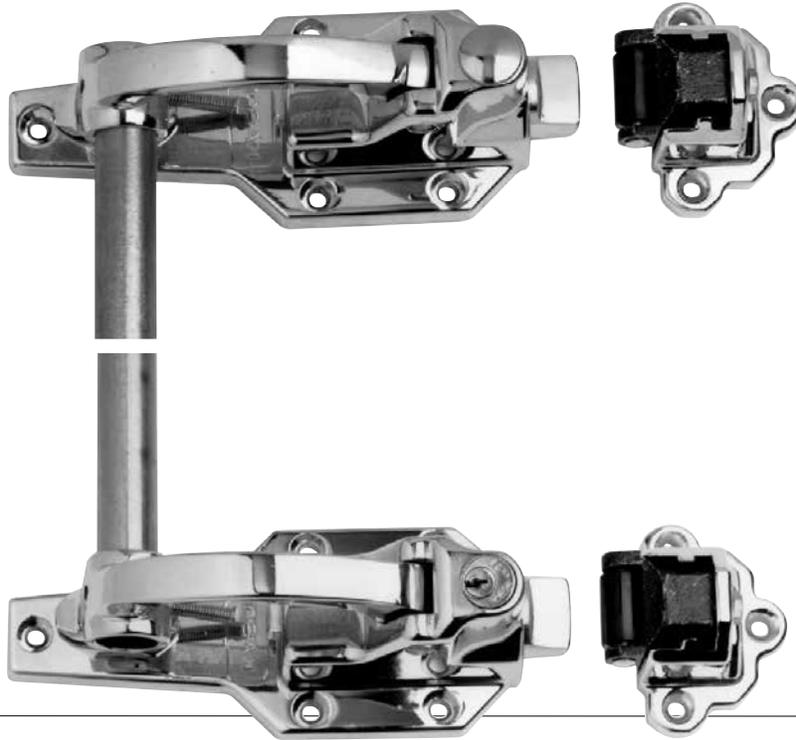
4545 TWO-POINT PADLOCKING

Heavy duty two-point latch similar to No. 5050 with padlocking provision only.

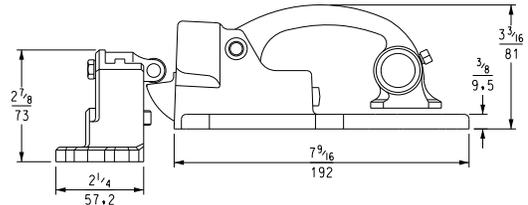
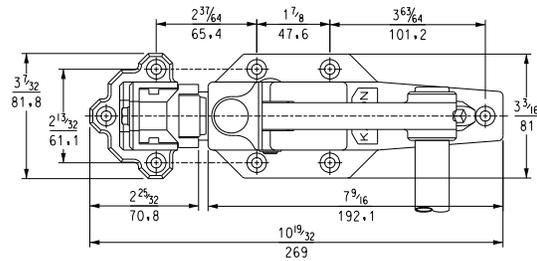
Model No.	Offset
14545000002	-1/4" to 1/8" (-6.4 to 3.2 mm)
14545000006	Flush to 1/2" (0.0 to 12.7 mm)
14545000008	3/4" to 1-1/4" (19.0 to 31.8 mm)

Model No.	Description	Offset
15050S50002	Stationary Cylinder, 50" Rod	-1/4" to 1/8" (-6.4 to 3.2 mm)
15050S50008	Stationary Cylinder, 50" Rod	3/4" to 1-1/4" (19.0 to 31.8 mm)
15050S50012	Stationary Cylinder, 50" Rod	Flush to 1/2" (0.0 to 12.7 mm)

Cylinder locks may be keyed alike or differently; please specify. Two keys are furnished. Upper and lower bodies may be ordered separately.



ITEM # 5151



95050004745000 tube sold separately, for use on all 4545, 5151 latches.

5151 TWO POINT CYLINDER LOCKING LATCH

- Heavy duty latch with stationary cylinder lock
- Provides the ultimate corrosion resistance

SPECIFICATIONS

MATERIAL:

High pressure die-cast zinc body, forged brass handle and strike housing, forged steel tongue, malleable iron strike insert, stainless steel tube

Other specifications same as 5050, to the left

Model No.	Description	Offset
15151S00002	Stationary Cylinder	-1/4" to 1/8" (-6.4 to 3.2 mm)
15151S00008	Stationary Cylinder	3/4" to 1-1/4" (19.0 to 31.8 mm)
15151S00012	Stationary Cylinder	Flush to 1/2" (0.0 to 12.7 mm)

Cylinder locks may be keyed alike or differently; please specify. Two keys are furnished. Upper and lower bodies may be ordered separately.

4646 TWO-POINT PADLOCKING

Heavy duty latch similar to No. 5151 with padlocking provision only.

Model No.	Description	Offset
14646050002	Padlock, 50" Rod	-1/4" to 1/8" (-6.4 to 3.2 mm)
14646050008	Padlock, 50" Rod	3/4" to 1-1/4" (19.0 to 31.8 mm)

WARNING: Nos. 4545, 4646, 5050 and 5151 latches cannot be opened from inside when locked, therefore they should not be used on doors which are sole means of exit from walk-ins. When safety latches are required, see Kason SafeGuard® latches in this section.

IRON PADLOCKING LATCH & DUTCH LATCH

52 IRON PADLOCKING LATCH

Bolt-action latch with padlock provision is designed for medium sized walk-in cooler doors.

SPECIFICATIONS

MATERIAL: Cast iron body and strike	WEIGHT: Approx. 5-3/4 lb. (2.6kg) per carton
FINISH: Kasonized (Zinc plated)	LOCKING MECHANISM: Accepts Master #1 LJ Padlock with 5/16" shank
OFFSETS: See order information	
MOUNTING: Holes drilled and countersunk for 1/4" (6.0mm) screws	
PACKAGING: 1 per carton	

Model No.	Item	Offset
10052000004	Padlocking Latch	-1/8" to 5/16" (-3.2 to 7.9 mm)
10052000012	Padlocking Latch	3/4" to 1-3/8" (19.0 to 34.9 mm)
10052000076	Padlocking Body	
10052000084	Strike	-1/8" to 5/16" (-3.2 to 7.9 mm)
10052000092	Strike	3/4" to 1-3/8" (19.0 to 34.9 mm)

49 DUTCH LATCH

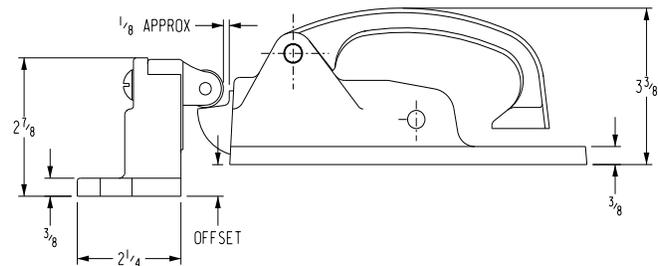
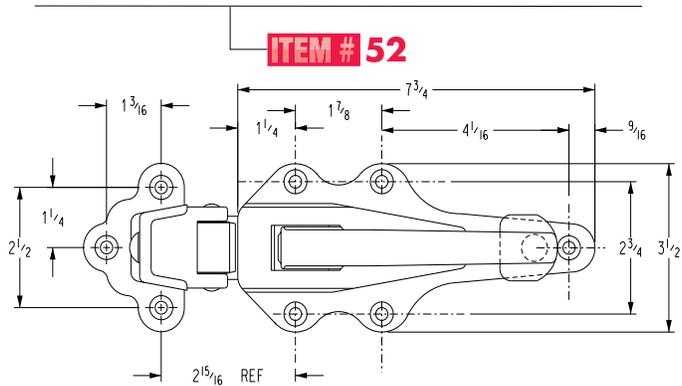
Finger-pull iron latch.

SPECIFICATIONS

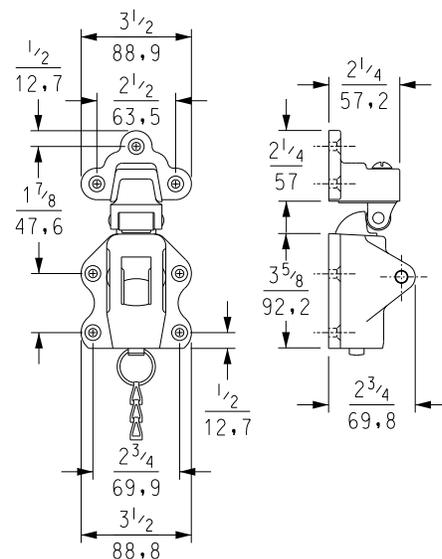
MATERIAL: Cast iron body and strike housing.	OFFSET: See order information.
FINISH: Kasonized (Zinc plated).	MOUNTING: Holes drilled and counter- sunk for 1/4" (6.0mm) screws.

Model No.	Item	Offset
10049000004	Latch	Flush
10049000012	Latch	3/4" to 1-3/8" (19.0 to 34.9 mm)
10049000020	Body	

WARNING: Nos. 52 and 53 latches and 49 Dutch latch cannot be opened from inside when locked, therefore they should not be used on doors which are sole means of exit from walk-ins. When safety latches are required, see Kason SafeGuard® latches in this section.



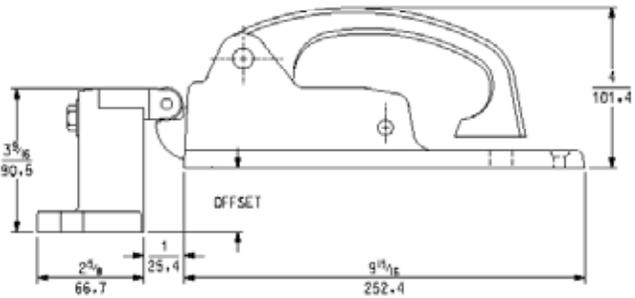
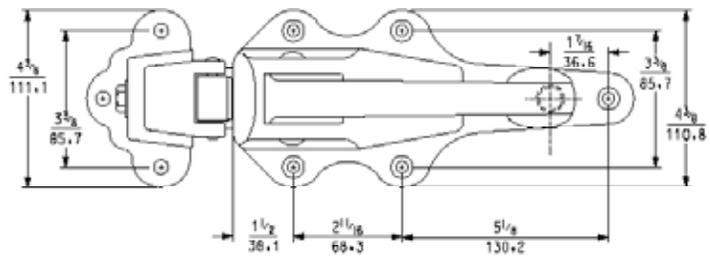
ITEM # 49



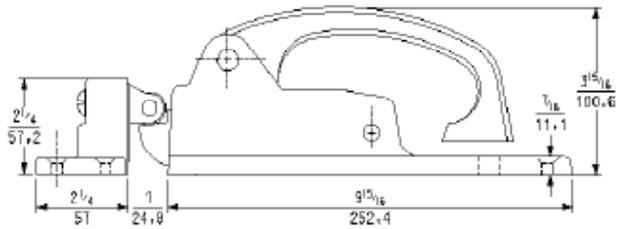
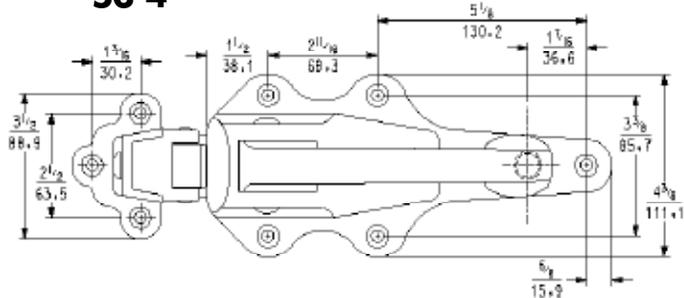


ITEM # 53

53-8



53-4



53 IRON PADLOCKING LATCH

Larger, padlocking bolt action latch is designed for use on large walk-in doors.

SPECIFICATIONS

MATERIAL:
Cast iron body and strike housing, malleable iron handle

PACKAGING:
1 per carton

WEIGHT:
Approx. 9-3/4 lb.
(4.4kg) per carton

FINISH:
Kasonized (Zinc plated)

LOCKING MECHANISM:
Accepts Master #1 LJ
Padlock with 5/16"
shank

OFFSET:
See order information

MOUNTING:
Body drilled and counter-sunk for 1/4" (6.0mm) screws. Strike drilled for 5/16" (8.0mm) lag screws

Model No.	Item	Offset
10053000004	Padlocking Latch	-1/4" to 1/8" (-6.4 to 3.2 mm)
10053000008	Padlocking Latch	15/16" to 1-5/8" (23.8 to 41.3 mm)
10053000052	Padlocking Body	
10053000064	Strike	15/16" to 1-5/8" (23.8 to 41.3 mm)

KASON SUPER FREEZER LATCHES

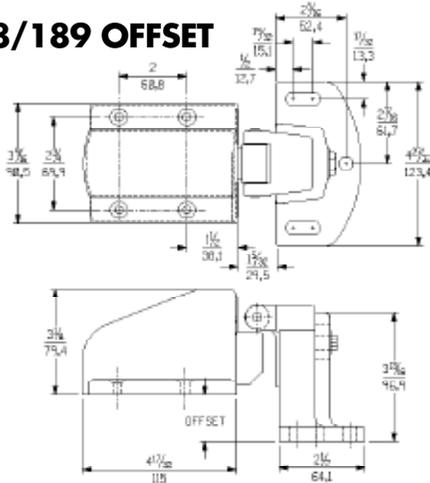


**ITEM # 188/
189**

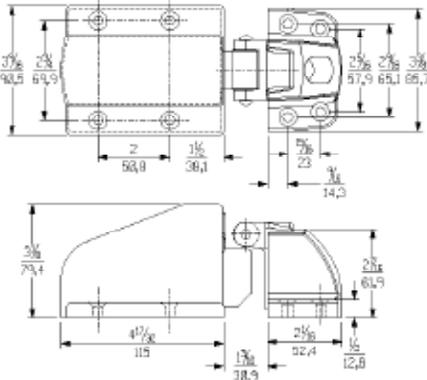


**ITEM # 188
HANDLES**

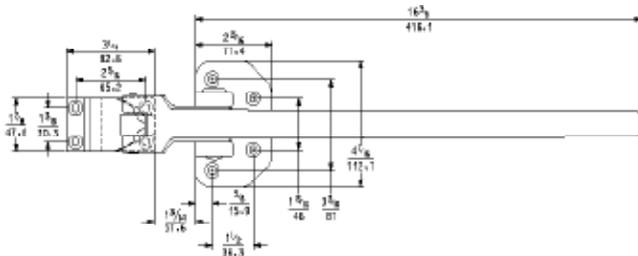
188/189 OFFSET



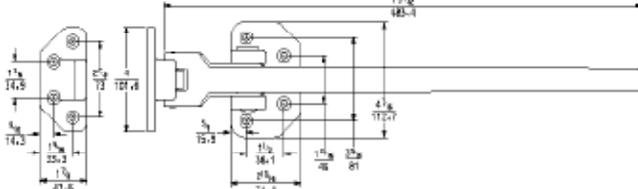
188/189 FLUSH



189 OUTSIDE



189 INSIDE



188 TWO POINT LATCH

- Two-point latch for in-fitting doors; Standard duty springs
- Latches mount on door, strikes on jamb
- Includes strikes, available in flush or 3/4 - 1-3/8" (19 to 35mm) offsets
- Includes two pull handles

SPECIFICATIONS

Material:
Steel body; aluminum cover and strike; high pressure die-cast zinc pull handles

Mounting:
Latch drilled and countersunk for 1/4" (6.0mm) screws

Weight:
Approx. 6.5 lb. (2.45kg) per carton

FORCE:
Holding force per pair or latches: approx. 50 lb. (222 N)

Finish:
Kasonized (Zinc plated)

Packaging:
1 per carton

Model No.	Item	Offset
1018800004	Latch	-1/8" to 1/4" (-3.2 to 6.4mm)
1018800008	Latch	3/4" to 1-3/8" (19.0 to 34.9 mm)
1018800028	Body	
10189000044	Strike	3/4" to 1-3/8" (19.0 to 34.9 mm)
1005600T004	Strike	-1/8" to 1/4" (-3.2 to 6.4mm)

189 TWO POINT LATCH

- Two-point latch for in-fitting doors; Heavy duty springs.
- Latches mount on door, strikes on jamb.
- Includes strikes, available in flush offset. Offset strike available, but user must shim outside lever handle block.
- Includes breakaway lever handles and plates for inside and outside to assist in door opening.
- Includes two lever handles.

SPECIFICATIONS

Material:
Steel body; aluminum cover, strike and outside and inside handles; malleable iron offset block

Mounting:
Latch drilled and countersunk for 1/4" (6.0mm) screws

Weight:
Approx. 25 lb. (11.4kg) per carton

FORCE:
Holding force per pair or latches: approx. 140 lb. (623 N). Lever handle release force: approx. 35 lb. (156 N)

Finish:
Kasonized (Zinc plated)

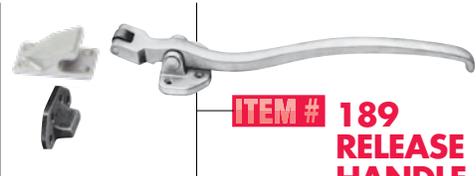
Packaging:
1 per carton

Model No.	Item	Offset
10189000004	Latch	-1/8" to 1/4" (-3.2 to 6.4 mm)
10189000024	Body	
10189000044	Strike	3/4" to 1-3/8" (19.0 to 34.9 mm)
1005600T004	Strike	-1/8" to 1/4" (-3.2 to 6.4 mm)

*Handle kit available separately.

OUTSIDE

INSIDE



**ITEM # 189
RELEASE
HANDLE**

199 TWO POINT LATCH

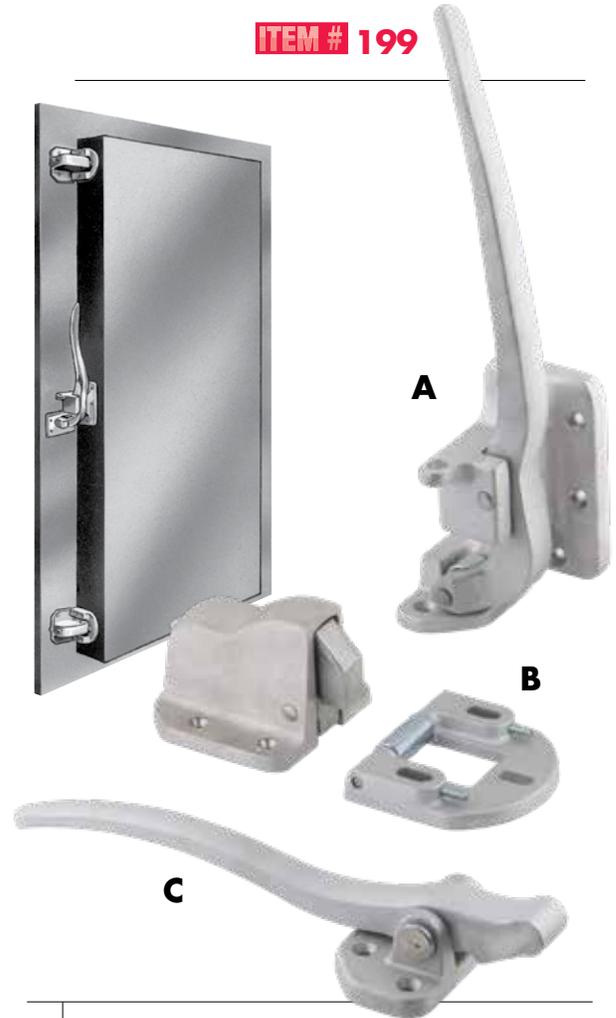
- Two-point latch for full overlap doors, offset of 4-1/2" (114.3mm) or higher.
- Latches mount on jamb, strikes on door edge.
- Includes two slotted strikes for easy adjustment.
- Includes breakaway lever handles and plates for inside and outside to assist in door opening.

SPECIFICATIONS

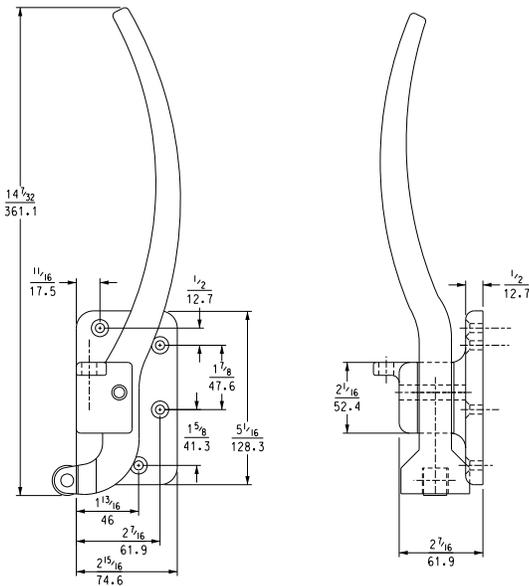
MATERIAL: Aluminum.	MOUNTING: Latch drilled and countersunk for 1/4" (6.0mm) screws.	PACKAGING: 1 per carton.	FORCE: Holding force per pair or latches: approx. 120 lb. (534 N). Lever handle release force: approx. 30 lb. (133 N).
FINISH: Kasonized (Zinc plated).	STRIKE: Strike slotted for 5/16" (8.0mm) lag screws.	WEIGHT: Approx. 23 lb. (10.4kg) per carton.	

Model No.	Item
1019900004	Super Freezer Latch, Complete
10199000020	Super Freezer Body
10199000036	Horseshoe Strike
10199SS0052	Outer Release Handle
10199SS0068	Inner Release Handle

ITEM # 199

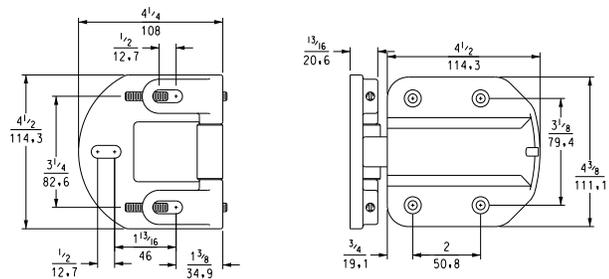


A - OUTSIDE RELEASE HANDLE

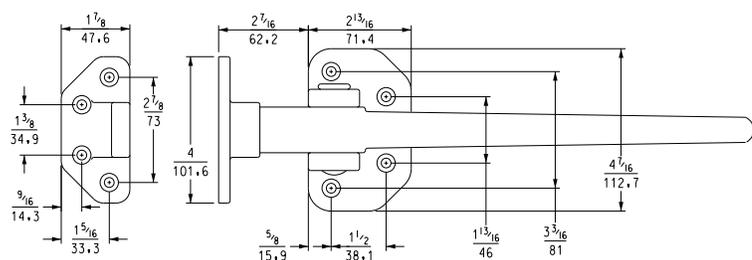


ITEM # 199 INSIDE HANDLE

B - LATCH



C - INSIDE RELEASE HANDLE





INSIDE RELEASE HANDLES

Required with walk-in latches. Use the convenient tables in the "How To..." section on pg. B30 to choose and order the correct inside handle for each Kason latch selected.

See selection chart on page B30.

481 SAFETY-GLOW PUSH HANDLE

- Glow in the dark knob.

SPECIFICATIONS

MATERIAL: Steel rod and flange; Safety-Glow™ plastic knob.	MOUNTING: Holes drilled for No. 10 (5. mm) screws.	WEIGHT: Approx. 20 lb. (9.1kg) per carton.
FINISH: Kasonized (Zinc plated).	PACKAGING: 24 per carton.	TEMP. RATING: -40°F to 150 °F (-40°C to 65°C).

482 HI-TEMP PUSH HANDLE

- Provided with steel rod and tough iron knob for high heat applications.

SPECIFICATIONS

MATERIAL: Steel rod and flange; iron knob.	MOUNTING: Holes drilled for No. 10 (5.0mm) screws.	WEIGHT: Approx. 29 lb. (13.2kg) per carton.
FINISH: Kasonized.	PACKAGING: 24 per carton.	TEMP. RATING: -40°F to 500 °F (-40°C to 260°C).

481 STAINLESS STEEL SAFETY-GLOW PUSH HANDLE

- Glow in the dark knob.

SPECIFICATIONS

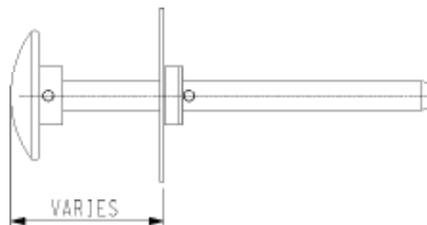
MATERIAL: Stainless Steel rod and flange; Safety-Glow™ plastic knob.	MOUNTING: Holes drilled for No. 10 (5. mm) screws.	WEIGHT: Approx. 20 lb. (9.1kg) per carton.
	PACKAGING: 24 per carton.	TEMP. RATING: -40°F to 150 °F (-40°C to 65°C).

487 FROST-FREE PUSH HANDLE

Furnished with low-conduction fiberglass rod for low-temp applications.

SPECIFICATIONS

MATERIAL: Fiberglass rod, plastic flange; Safety-Glow™ plastic knob.	MOUNTING: Holes drilled for No. 10 (5.0mm) screws.	PACKAGING: 24 per carton.	TEMP. RATING: -40°F to 150 °F (-40°C to 65°C).
		WEIGHT: Approx. 17 lb. (7.7kg) per carton.	



27C 1/4 TURN LOW CONDUCTION INSIDE RELEASE



®
U.S. Trademark 5,760,309
U.S. Patent No. D813,644 &
6,252,788

ITEM # 27C 1/4 TURN LOW CONDUCTION INSIDE RELEASE

27C 1/4 TURN LOW CONDUCTION INSIDE RELEASE

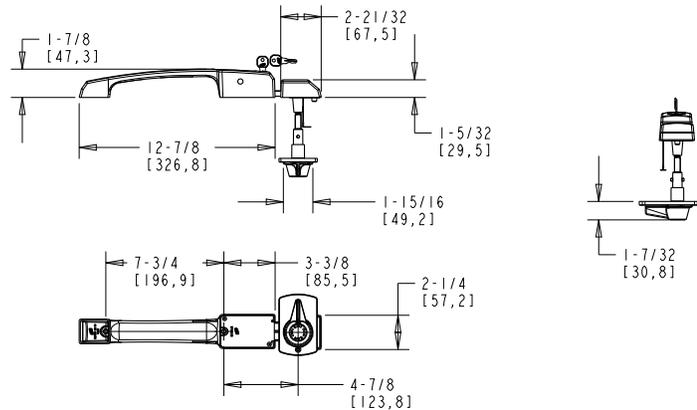
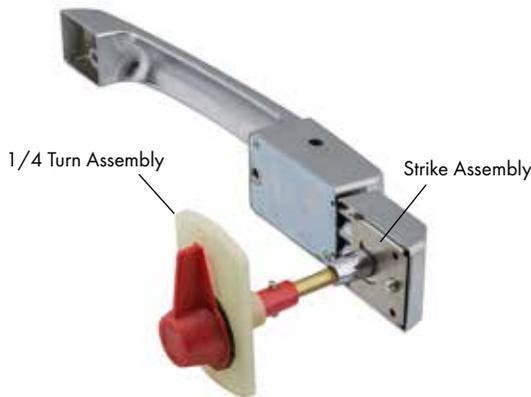
- Prevents entrapment in Walk-In coolers and freezers.
- Occupants can exit easily and quickly by using the 1/4 turn lever, should the door be locked from the outside.
- Meets ADA requirements for emergency egress.
- Large glow in the dark surface provides better visibility in low-light or emergency situations.
- Accommodates up to 3/8" jamb thickness variation (or self-adjusting to accommodate various wall thicknesses.)
- Thermal break separates the brass rod from the cold zone of freezer to eliminate sweating on the strike.
- Inside mechanism permanently mounts inside jamb.
- Includes alignment plate for outside strike to maintain proper alignment in field.
- Tethered connection included for outside strike lock mechanism.
- Shorter lever than previous 1/4 turn levers; does not protrude into door opening after actuation.
- Retrofit adaptation available for all flush installations of 0027 Latch.

SPECIFICATIONS

MATERIAL:
Strike - Die cast Zinc, Polished Chrome, Brushed Chrome, or Powder Coat Paint
Alignment Plate - Aluminum
Gasket - Foam Rubber
Base Plate - Polypropylene
Hole plug - ABS

Rod - Brass
Lever - Polycarbonate
Pins - Stainless steel

PACKAGING/WEIGHT:
4 per carton/0.8 lbs (362.8 gm) each.



Model No.	Item	Wall Thickness	Finish
1002700294C400	Quarter Turn Low Conductivity Inside Release and Strike	4"	Chrome
1002700294D400	Quarter Turn Low Conductivity Inside Release and Strike	4"	Brushed Chrome
90485018270400	Quarter Turn Low Conductivity Inside Release Arm Assembly Only	4"	NA
10027C00031	Dead Bolt Latch with Quarter Turn Low Conductivity Inside Release and Strike	6"	Chrome
10027C00034	Dead Bolt Latch with Quarter Turn Low Conductivity Inside Release and Strike	4"	Chrome
10027C00035	Dead Bolt Latch with Quarter Turn Low Conductivity Inside Release and Strike	4"	Brushed Chrome
10027C00037	Dead Bolt Latch with Quarter Turn Low Conductivity Inside Release and Strike	5"	Brushed Chrome
10027C00038	Dead Bolt Latch with Quarter Turn Low Conductivity Inside Release and Strike	5"	Chrome
9002700041C	Quarter Turn Low Conductivity Strike Assembly	NA	Chrome

Additional finishes and offsets are available. Please contact a Kason Sales Representative today for additional information.

486 WIDE RECESSED HANDLE

SPECIFICATIONS

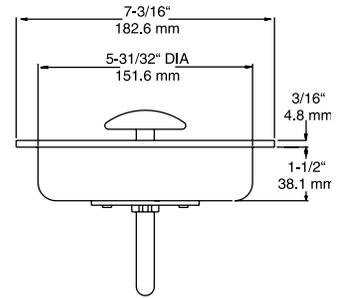
MATERIAL:
Kasonized zinc-plated steel rod and plate, plastic recessed housing, Safety-Glow™ plastic knob.

MOUNTING:
Holes drilled for No. 10 (5.0mm) screws.

OPTION:
Available with frost-resistant fiberglass rod.

PACKAGING:
1 per carton.

WEIGHT:
Approx. 6 lb. (2.7kg) per carton.



ITEM # 486

486*F RECESSED HANDLE

SPECIFICATIONS

MATERIAL:
Fiberglass rod, stainless steel plate, plastic recessed housing, Safety-Glow™ plastic knob.

ITEM # 486-900



486 BUMPER GUARD

- Mounts over existing 486 wide inside release cup.
- Rugged construction to protect inside release mechanism from damage
- Inside release sold separately

SPECIFICATIONS

MATERIAL:
Cast Aluminum

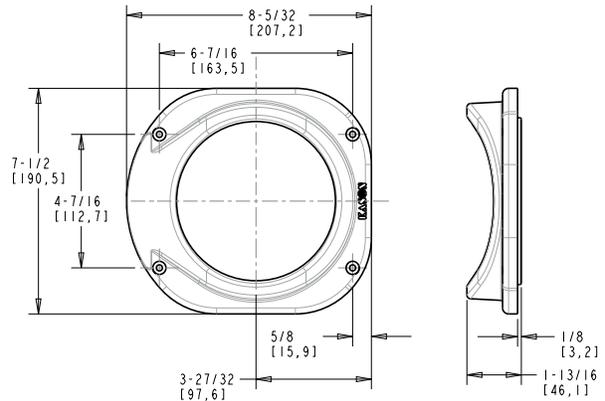
MOUNTING:
Holes drilled and countersunk for #10 (5.0mm) screws.

WEIGHT:
Approx. 6 lb. (2.7kg) per carton.

FINISH:
Brushed Aluminum

OFFSETS:
See order information.

PACKAGING:
1 per carton.



Model No.	Item
10486000900	Inside Release Cover

489 NARROW RECESSED HANDLE

SPECIFICATIONS

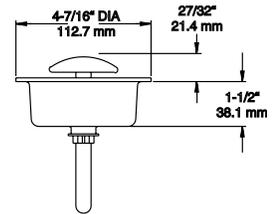
MATERIAL:
Kasonized zinc-plated steel rod and plate, plastic recessed housing, Safety-Glow™ plastic knob

MOUNTING:
Holes drilled for No. 10 (5.0mm) screws

OPTION:
Available with frost-resistant fiberglass rod

PACKAGING:
24 per carton

WEIGHT:
Approx. 18 lb. (8.2kg) per carton



ITEM # 489

480 COLLAPSIBLE HANDLE

- Ideal for truck and shipboard use where cargo can contact handle

SPECIFICATIONS

MATERIAL:
Steel

MOUNTING:
Holes drilled for No. 10 (5.0mm) screws.

WEIGHT:
Approx. 30 lb. (13.6kg) per carton

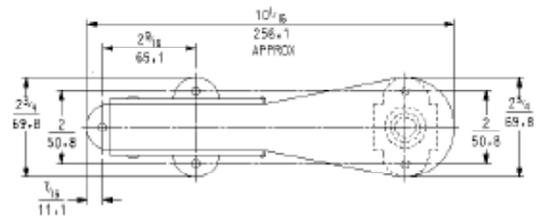
FINISH:
Kasonized (Zinc plated)

PACKAGING:
36 per carton.

ITEM # 480



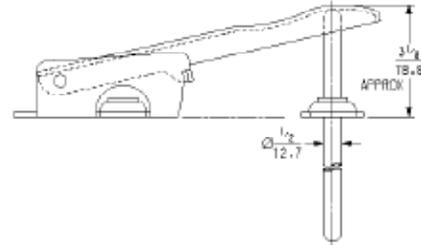
KASON INSIDE RELEASE HANDLES



483 PADDLE HANDLE

SPECIFICATIONS:

Material: Steel	Mounting: Holes drilled for No. 12 (5.5mm) screws	Weight: Approx. 21 lb. (9.5kg) per carton
Finish: Kasonized (Zinc plated)	Packaging: 10 per carton	

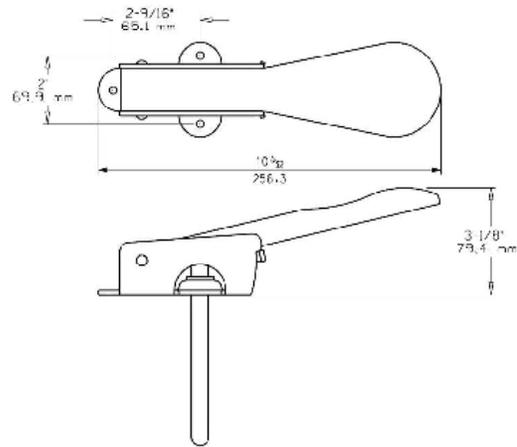


55 LATCH INSIDE RELEASE LEVER



For 55 latch, inside release is included with the latch. To order a replacement, lever assembly and rod are sold separately. See page B15 for more info.

90055000040	Lever Assembly, Zinc Plated
90055000041	Lever Assembly, Chrome Plated
90055000192	Push Rod 7-7/8" Zinc Plated
9058200040	Lever Assembly, Rubber Coated
95582000000	Push Rod 7-7/8" Fiberglass



HOW TO SELECT & ORDER INSIDE RELEASE HANDLES

1. From Table A choose the appropriate inside release handle for each latch.
2. Refer to Table B for minimum door thickness required for each inside release model.
3. Specify exact thickness of your door. We will use this information to convert your requirements into our part numbers.

LATCHES	INSIDE RELEASE HANDLES
45, 46, 50, 51, 4545, 4646, 5050, 5151	480, 481B, 482B, 486B, 487B, 489B
52, 53	481B, 482B, 486B, 487B, 489B
55XXL	486D, 489D
56, 5656	480, 483, 481A, 481SA, 482A, 486A, 487A, 489A
58, 77, 78, 778	481C, 481SC, 482C, 486C, 487C, 488C, 489C

CAUTION:

Proper selection and installation of Kason inside release handles can prevent entrapment inside coolers, freezers and other walk-in units when used with the appropriate Kason latches. Please select carefully for the application and use only as directed.

MINIMUM DOOR THICKNESS	INSIDE RELEASE HANDLES
1-1/2" (38.1 mm)	481C, 481SC, 482C, 483, 487C, 488C
2-1/2" (63.5 mm)	481A, 481SA, 482A, 487A
2-11/16" (68.3 mm)	486D
2-3/4" (69.9 mm)	489D
3" (76.2 mm)	481B, 482B, 486B, 486C, 487B
3-1/4" (82.6 mm)	489B, 489C
3-1/2" (88.9 mm)	480
3-3/4" (95.3 mm)	486A
4" (101.6 mm)	489A



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U.S. Trademarks 2,166,710 &
5,272,931

ITEM # 1229C



1229C CYLINDER LOCKING HANDLE

- Fully door-mounted to assure locking regardless of door sag.
- Complete with revolutionary high strength, low maintenance inside safety release system.
- Installs on either right or left opening door with no modification.
- Handle is furnished with screw hole plugs for tamper-resistance*.
- Freezer Kit available for low temperature application. Low temperature grease with insulation cup.

1229 NON-LOCKING HANDLE

Non-locking handle only.

SPECIFICATIONS

PULL HANDLE

Material:
High pressure die-cast zinc

Finish:
See table below

Mounting:
Drilled and countersunk for 1/4" (6.0mm) fillister head or No. 12 (5.0mm) self-tapping screws

INSIDE RELEASE

Material:
Metal hub and flange, stainless steel arm and bolt, nylon shaft, polypropylene strike

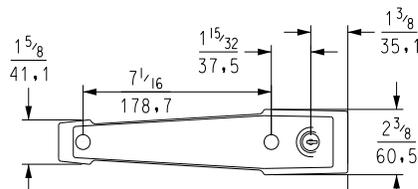
Mounting:
Holes drilled and countersunk for No. 10 (5.0 mm) flat head screws

SHAFT LENGTHS:
Standard lengths for door thickness from 3-1/2" to 4" (88.9 mm to 101.6mm). Please specify door thickness. Custom lengths available to specification. Minimum wall thickness 2-1/4" (57mm)

Model No.	Description	Finish	Qty/ Carton	Wgt/ Carton
11229C00024	Cylinder Locking with Inside Release	Brushed Chrome	6	15.5 lb. (7.1 kg)
11229C00025	Cylinder Locking with Inside Release	Polished Chrome	6	15.5 lb. (7.1 kg)
11229C00028	Cylinder Locking with Inside Release & Freezer Kit	Brushed Chrome	6	15.5 lb. (7.1 kg)
11229C00029	Cylinder Locking with Inside Release & Freezer Kit	Polished Chrome	6	15.5 lb. (7.1 kg)
11229000004	Non-locking Handle	Brushed Chrome	6	12.5 lb. (5.7 kg)
11229000005	Non-locking Handle	Polished Chrome	6	12.5 lb. (5.7 kg)
11229C0002865	Cylinder Locking with Inside Release & Freezer Kit	Brushed Chrome	6	*
11229C0002965	Cylinder Locking with Inside Release & Freezer Kit	Polished Chrome	6	*
10948000006	Freezer Kit			

Cylinder locks may be keyed alike or differently; 5 Key changes available; please specify.

90171CM000411	Cylinder Kit #411
90171CM000414	Cylinder Kit #414

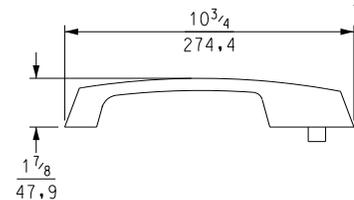


FREEZER KIT

*Kit consists of plastic cap to cover rod, gasket for handle flange and special instructions for low temperature installations. When used with the specified low-temp grease, seals the unit to prevent accumulation of moisture.



PUSH PANEL





® U.S. Trademark 2,380,550

ITEM # 1236



1236 HEAVY DUTY LEVER LOCKING HANDLE

- Powerful lever action easily overcomes high strength magnetic seals and frees frosted doors.
- Cylinder lock and padlock provision are standard for added security.
- Fully concealed mounting discourages tampering.
- Complete with inside release mechanism.
- Handle end will not strike door face.
- Interchangeable with competitive models.

SPECIFICATIONS

MATERIAL:
High pressure die-cast zinc.

FINISH:
See table below.

MOUNTING:
Holes drilled and countersunk for 1/4" (6.0mm) screws.

INSIDE RELEASE:
90° turn inside release mechanism; choice of lever or knob style handle.

PACKAGING:
6 per carton.

WEIGHT:
Approx. 26 lb. (12.0kg) per carton.

LOCKING MECHANISM:
Accepts Master #1 LJ Padlock with 5/16" shank

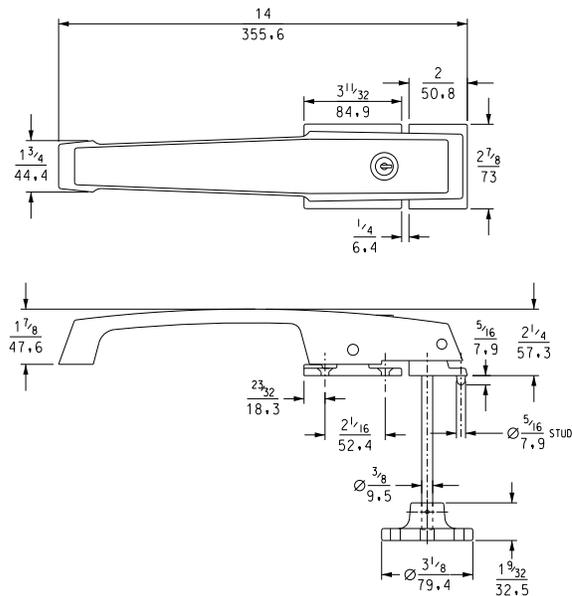
Model No.	Item	Finish
11236C00004	Handle with Lever Turn Release	Brushed Chrome
11236C00005	Handle with Lever Turn Release	Polished Chrome
11236C00006	Handle with Knob Turn Release	Polished Chrome
91232C02420054	Cylinder Kit	

SAFETY-GLOW PUSH PANEL

- Kason unlocked pull and lever handles release from inside with push of door. "PUSH" panel provides reminder and can prevent accidental misuse of inside release handle.
- Printed on waterproof, sanitary polypropylene.
- Mounts inside door with 1/8" (3.2mm) pop rivets.
- Glow-in-dark message is visible in room light or darkness.

Model No.	Item
91229000161	Safety Push Panel

Packaging: 24 per carton



ITEM # 1238 KNOB RELEASE



ITEM # 1239 LEVER RELEASE

Kason No. 1236 lever locking handle comes complete with 90° turn inside release mechanism. Select lever or knob turn inside handle.



PUSH PANEL



®
U.S. Trademark 2,380,550

Textured Panel

PACESETTER LOCKING HANDLES

- Unbreakable pull handles for trouble-free service.
- Cylinder lock and padlock provision standard.
- Complete with inside safety release mechanism.
- Tamper-resistant screw hole plugs included.
- Original trademarked Kason design.

1238 PACESETTER LOCKING HANDLE

- Twist-off glow in the dark knob disassembly type inside release.

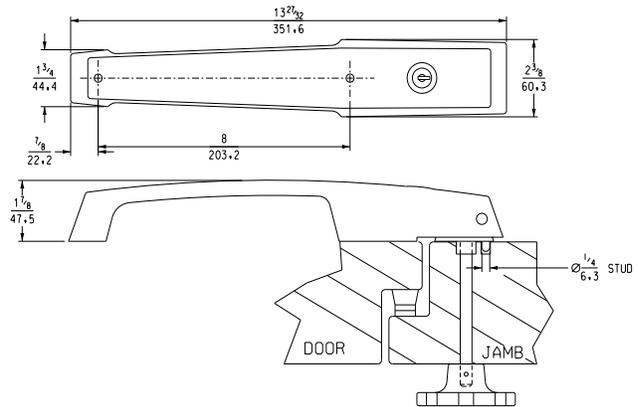
1239 PACESETTER LOCKING HANDLE

- 90° lever turn mechanism inside release.
- U.S. Trademark 2,692,451

SPECIFICATIONS

MATERIAL: High pressure die-cast zinc.	MOUNTING: Holes drilled and countersunk for 1/4" (6.0mm) screws.	INSIDE RELEASES: Die-cast lever or black plastic twist knob.	LOCKING MECHANISM: Accepts Master #1 LJ Padlock with 5/16" shank
FINISH/SURFACE STYLE: See table below.	PACKAGING: 6 per carton.	OTHER: Use with right- or left-hand door.	
OFFSET: Flush.	WEIGHT: Approx. 14 lb. (6.4kg) per carton.		

ITEM # 1238 & 1239



ITEM # 1238 KNOB RELEASE



ITEM # 1239 LEVER RELEASE



Model No.	Item	Finish
11238CV0004	Cylinder Locking with Twist-off Knob Release	No Panel, Brushed Chrome
11238CV0005	Cylinder Locking with Twist-off Knob Release	No Panel, Polished Chrome
11238C00004	Cylinder Locking with Twist-off Knob Release	Textured Panel, Brushed Chrome
11238C00005	Cylinder Locking with Twist-off Knob Release	Textured Panel, Polished Chrome
11239CV0004D	Cylinder Locking with Twist-off Knob Release	No Panel, Brushed Chrome
11239CV0005	Cylinder Locking with Lever Turn Release	No Panel, Polished Chrome
11239CVF004	Cylinder Locking with Twist-off Knob Release	No Panel, Brushed Chrome
11239CVF005	Cylinder Locking with Twist-off Knob Release	Textured Panel, Polished Chrome
11239C00004D	Cylinder Locking with Lever Turn Release	Textured Panel, Brushed Chrome
11239C00005	Cylinder Locking with Lever Turn Release	Textured Panel, Polished Chrome

Measured to 4' wall. Consult factory for other wall thicknesses.

91232C02420054 Cylinder Kit

KASON DEADBOLT HANDLE LATCH



®
U.S. Trademark 5,760,309
U.S. Patent No. 6,526,788 B2, No. 9,068,376,
D813,644 and others pending.

ITEM # 27C



27C DEADBOLT HANDLE LATCH

- Deadbolt security for walk-ins at the economy of a locking pull handle.
- Compare total cost and function of this patented deadbolt latch.

EASY OPERATION AND USE

- Finger slide seats and opens deadbolt.
- Deadbolt can be locked in open position.
- Unlocked door easily pulls or pushes open.

TOP FORM AND FUNCTION

- Bold styling complements all popular Kason walk-in hinges.
- User-friendly design ensures ideal door function when used with Kason hinges.

ADA COMPLIANT INSIDE RELEASE

- Optional quarter-turn inside release lever makes for easy, quick exit.
- Self adjusts to wall thickness variations.
- See options for low conduction and use on offset doors.

ASSURED SECURITY AND SAFETY

- Deadbolt is secured using cylinder lock or padlock, or both.
- Features tamper-resistant screw hole plugs.
- Standard, twist-off glow in the dark inside release knob prevents lock-ins.
- Two 1/4 turn inside release options to meet ADA requirements for fast and simple activation.

FAST, SIMPLE INSTALLATION

- Surface-mounts like a locking pull handle; no complex in-door installation.
- Fits standard doors without modification.

SAVES MAINTENANCE COSTS

- Almost nothing to break or wear out assures long service life.
- Locking mechanism located entirely on outside of panel resists freeze-up, even on extreme low-temp walk-ins.

OFFSETS

- Standard latch is for flush doors but offset blocks are available to fit offset doors from 1/2" to 1-5/8".

SPECIFICATIONS

LATCH

MATERIAL:
Die-cast Zamak handle housing, tongue and strike

FINISHES:
Polished chrome and brushed chrome

PACKAGING:
6 per carton

LOCKING MECHANISM:
Accepts Master #1 LJ Padlock with 5/16" shank

MOUNTING:
Drilled and countersunk for 1/4" (6.4mm) fillister head screws

STRIKE

MATERIAL:
Die-cast Zamak housing, brass rod, glow in the dark turn-knob, or zinc 1/4 turn lever with glow expansion rings

FINISHES:
Housing same as latch

Flush offset and 4" thick wall standard. Other wall thicknesses available. Consult factory. 1-5/8" offset option listed in model number table; Available down to 1/2"

ITEM # 27C

Model No.	Item	Finish/Wall	Offset	Inside Release
10027C00(X)(Y)4	Deadbolt Handle Latch	Polished Chrome 4"	See X Options In Table Below	See Y Options In Table Below
10027C00(X)(Y)5	Deadbolt Handle Latch	Brushed Chrome 4"		
10027C00(X)(Y)7	Deadbolt Handle Latch	Brushed Chrome 5"		
10027C00(X)(Y)8	Deadbolt Handle Latch	Polished Chrome 5"		
90056CM	Cylinder Kit			



U.S. Patent Nos: 6,526,788 & 9,068,376

27C 1/4 TURN INSIDE RELEASE FOR OFFSETS

- No panic instant strike release
- One quarter turn lever cam-up & release action
- Unique rotary hub adjustment mechanism
- Accommodates up to 3/8" jamb thickness variation
- Glow in dark inside mechanism
- Retrofit adaptation for all 0027 Latch installations
- Meets ADA requirement for emergency egress
- NSF Listed product

SPECIFICATIONS

Material:
Strike - Die cast Zinc, Polished Chrome, Brushed Chrome, or Powder Coat Paint
Rotary Adjustment Mechanism - Polypropylene
Rod - Brass
Lever - Die cast Zinc, Direct chrome
Pins - Stainless steel

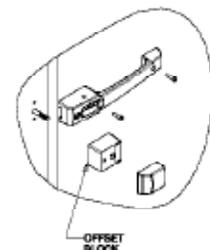
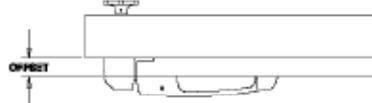
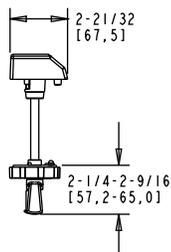
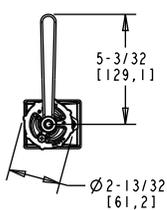
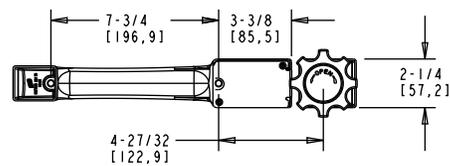
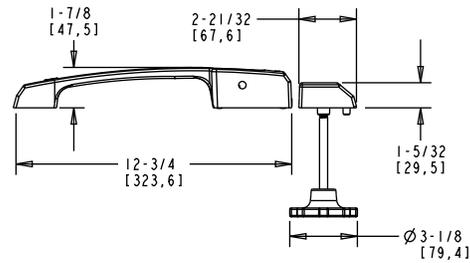
Packaging/Weight:
12 per carton/0.8 lbs (362.8 gm) each.

Model No.	Item
10027000094	ISR Kit, Polished Chrome, 4"
10027000095	ISR Kit, Brushed Chrome, 4"

Also sold complete with 0027 Handle

X =	Offset	Y =	Inside Release
0	Flush	0	Twist Knob
4	.50"	1	1/4 Turn Lever
5	.62"	2	Low Conduction Twist Knob
6	.75"	3	1/4 Turn Low Conduction
7	.88"		
8	1.00"		
A	1.12"		
B	1.25"		
C	1.38"		
D	1.50"		
E	1.62"		

To denote additional wall thickness added to wall with no offset block use (1) = 1/8", (2) = 1/4" or (3) = 3/8". Anything larger use letters > E for special thicknesses.



KASON NON-LOCKING HANDLE



27NL HANDLE

- Non-locking pull handle version of the 27C Deadbolt Latch
- Available in multiple finishes including powder coat

SPECIFICATIONS

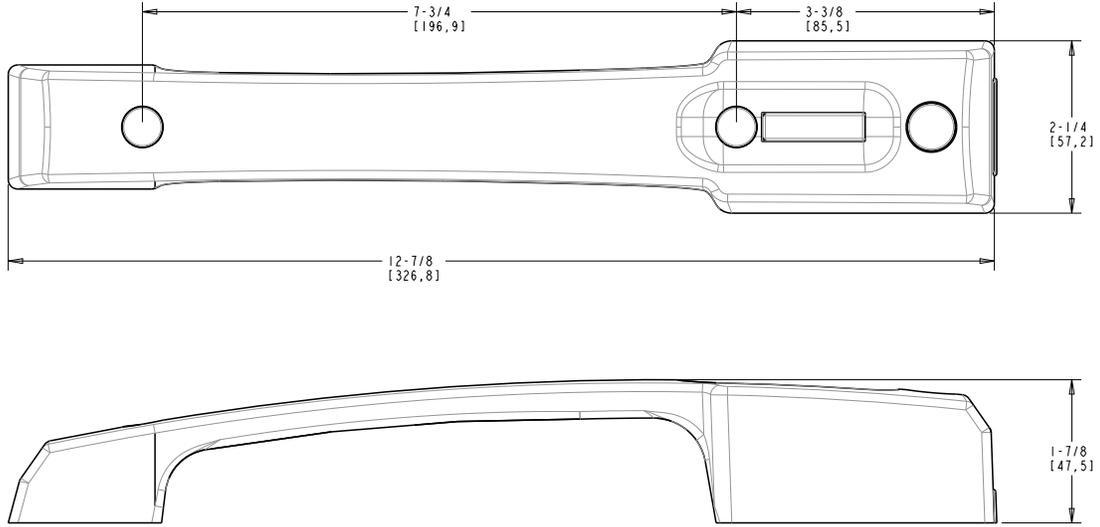
MATERIAL:
Die-cast Zamak handle
polypropylene plug

FINISHES:
Polished chrome, brushed
chrome, and powder coated

MOUNTING:
Drilled and countersunk for
1/4" (6.4mm) fillister head
screws.

PACKAGING:
6 per carton

ITEM # 27NL



Model No.	Item
10027NL000C	Handle, No lock, w/ plugs, Chrome
10027NL000Y	Handle, No lock, w/ plugs, Yellow
10027NL050017	Handle Plug, Black
10027NL000D	Handle, No lock, w/plugs, Bru Chr
10027NL0010054C-P	Handle, No Padlock-Polishing
10027NL0010054D-P	Handle, No Padlock-brushed Polishing
10027NL0010054U	Handle, No Padlock, Rtp
10027NL0010054Y	Handle, No Padlock, Yellow w/ Antimicrobial additive
10027NL0010054Y-SC	Handle, No Padlock, Yellow-O/s Powder Coat
10027NL0010054C	Handle, No Padlock, Chrome
10027NL0010054D	Handle, No Padlock, Bru Chr

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0620 LIT 001

PERFORMER LOCKING HANDLE

28 PERFORMER LOCKING HANDLE



®
U.S. Trademark 4,891,153
U.S. Patent No. 7,484,390 & 8,904,834

ITEM # 28



®
U.S. Trademarks 4,650,622 & 5,272,931

ITEM # 1228



YOUR ADVANTAGE

This tough, secure locking handle offers the performance you expect from Kason hardware. The Performer deadbolt locking handle operates seamlessly with sag-proof 1345 or 1346 Performer hinges. The 28 and 1228 handles are supplied with Kason's proven and reliable inside release assemblies.

EASY INSTALLATION

Handle mounts to door with two fasteners. Deadbolt locking strike mounts to jamb with inside release.

LOCKING HANDLE FEATURES

STRONG

Molded, reinforced composite handle has tubular steel reinforcement for high strength.

VERSATILE

Surface mounts to work with any door construction. Grip cover conceals mounting hardware and acts as protective bumper. Cover can be customized with color change and corporate logo, based on volume commitment.

STRIKE FEATURES

STRONG

Steel reinforced strike pocket protects the door face and increases security.

SECURE

Compact twist-action deadbolt key-locks. Handle padlocks in key-locked or unlocked position. Twist-off glow in the dark knob inside release is standard.

CLEAN

Designed to keep dirt and debris from entering the internal locking mechanism.

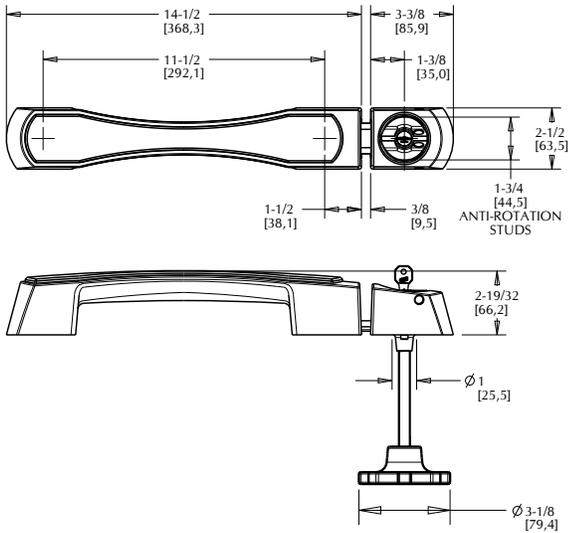
CONVENIENT

Kason has added a tether cable to hold the strike to the door jamb after inside handle is released.

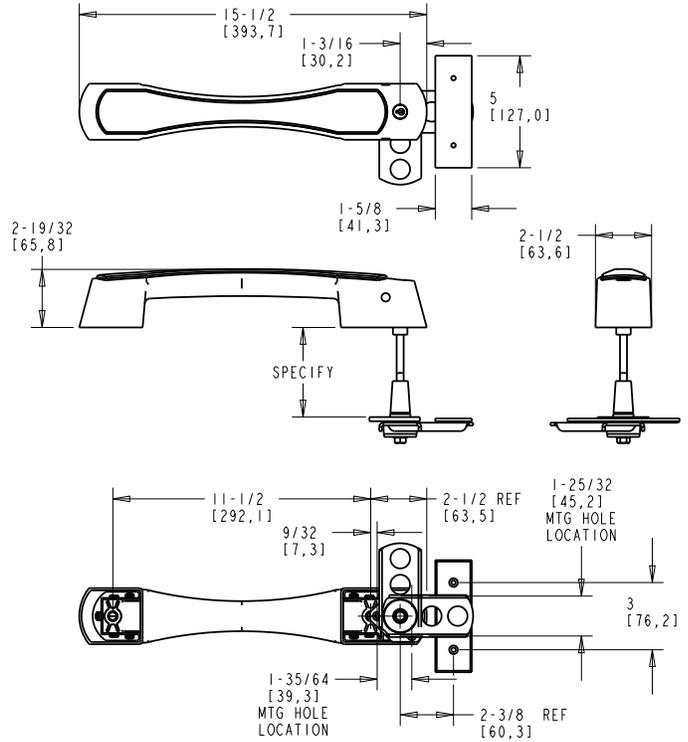
COMPLIANT

Meets NSF/ANSI Standard 2 for food equipment components.

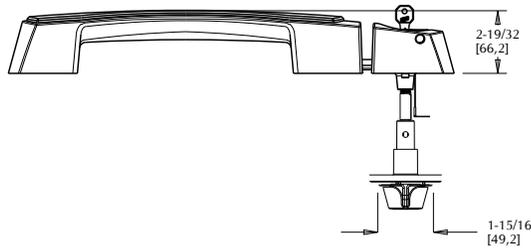
0028 WITH TWIST-OFF ISR



1228



0028 WITH LOW CONDUCTION ISR



SPECIFICATIONS

MATERIAL

Heavy duty steel tubular assembly with ABS composite covering provide optimum strength and durability. Locking strike features durable aluminum housing. Locking knob and tongue have Durable ABS cover. The Inside release has polycarbonate twist handle.

FINISH

Molded dark grey with black accents standard. Custom shapes and colors available, based on volume commitment.

OFFSET

Flush

LOCKING MECHANISM:

Accepts 5/16" (8mm) dia. shank Master #1LJ padlock (not included)

MOUNTING

Drilled for 5/16" (8mm) screws

DOOR THICKNESS:

Standard for 4" door. Other sizes available

Model No.	Item	Qty/ Carton	Wgt./ Carton
10028POG018	Cylinder Locking Handle with Twist-Off Inside Release	4	9 lb. (4kg)
11228C00008	Cylinder Locking Handle with 1/4 Turn Inside Release	4	8 lb. (3.6 kg)
90056CM	Cylinder Kit		

5 key changes available. Please specify

KASON WALK-IN HINGE SELECTION

KASON HINGE SELECTOR

This Hinge Selector is to assist you in choosing the correct Kason hinges for commercial refrigeration, foodservice equipment, transportation, industrial and many other uses. The Load Chart, below, shows our recommended allowable load per two hinges for each hinge group.

The data applies for normal conditions under static loading by door weight only. Other factors, such as positive or negative pressure, very high gasket compression, vibration, corrosive or abrasive atmospheres, lubrication, cam life, or structural movement are not taken into account. It is the final responsibility of the users to determine the suitability and capacity required in their specific applications.

HOW TO USE THIS CHART

- Locate the weight of your door in the far left column
- Find the width of your door along the bottom of the chart.
- Where the Weight and Width column intersect, find the recommended hinge group code (A, B, etc.).
- Select your hinges from the Kason Hinge Groups, below.

NOTE: If exact dimensions and weight for your door is not shown, use the next higher width and weight.

Hinge Groups A – C shown in REACH-IN, Section E.
Hinge Groups D – J shown in WALK-IN, Section B.

LOAD CHART

		kg.	lb.																					
DOOR WEIGHT	226.8	500	D	D	E	F	F	F	G	G	G	G	H	H	H	H	H	H	H	J	J	J	J	
	217.7	480	D	D	E	F	F	F	G	G	G	G	H	H	H	H	H	H	H	J	J	J	J	
	208.6	460	D	D	E	F	F	F	G	G	G	G	H	H	H	H	H	H	H	J	J	J	J	
	199.5	440	D	D	E	F	F	F	G	G	G	G	H	H	H	H	H	H	H	J	J	J	J	
	190.5	420	D	D	E	F	F	F	F	G	G	G	G	H	H	H	H	H	H	H	H	H	H	
	181.4	400	D	D	E	F	F	F	F	G	G	G	G	H	H	H	H	H	H	H	H	H	H	H
	172.4	380	D	D	E	F	F	F	F	G	G	G	G	H	H	H	H	H	H	H	H	H	H	H
	163.3	360	D	D	E	F	F	F	F	G	G	G	G	H	H	H	H	H	H	H	H	H	H	H
	154.2	340	D	D	E	F	F	F	F	G	G	G	G	H	H	H	H	H	H	H	H	H	H	H
	145.2	320	C	D	D	E	E	F	F	F	F	F	G	G	G	G	G	G	G	H	H	H	H	H
	136.1	300	C	D	D	E	E	E	F	F	F	F	F	G	G	G	G	G	G	G	G	H	H	H
	127.0	280	C	D	D	E	E	F	F	F	F	F	F	G	G	G	G	G	G	G	G	G	H	H
	117.9	260	C	C	D	D	D	D	E	E	F	F	F	F	F	F	F	G	G	G	G	G	G	G
	108.9	240	C	C	D	D	D	D	D	E	E	F	F	F	F	F	F	G	G	G	G	G	G	G
	99.8	220	C	C	D	D	D	D	D	E	E	E	F	F	F	F	F	F	F	F	G	G	G	G
	90.7	200	B	C	C	D	D	D	D	D	D	E	E	E	F	F	F	F	F	F	F	F	F	F
	81.7	180	B	C	C	D	D	D	D	D	D	D	E	E	E	E	F	F	F	F	F	F	F	F
	72.6	160	B	B	C	C	C	D	D	D	D	D	D	D	D	E	E	E	E	F	F	F	F	F
	63.5	140	B	B	C	C	C	D	D	D	D	D	D	D	D	D	D	D	E	E	E	E	F	F
	54.4	120	B	B	C	C	C	C	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
45.4	100	B	B	B	B	C	C	C	C	C	D	D	D	D	D	D	D	D	D	D	D	D	D	
36.3	80	B	B	B	B	B	C	C	C	C	C	C	C	C	D	D	D	D	D	D	D	D	D	
27.2	60	A	A	A	A	B	B	B	B	B	C	C	C	C	D	D	D	D	D	D	D	D	D	
18.1	40	A	A	A	A	A	A	A	A	B	B	B	B	B	D	D	D	D	D	D	D	D	D	
9.0	20	A	A	A	A	A	A	A	A	A	A	A	A	A	D	D	D	D	D	D	D	D	D	
		in.	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72	
		cm.	30.5	38.1	45.7	53.3	61.0	68.6	76.2	83.8	91.4	99.1	106.7	114.3	121.9	129.5	137.2	144.8	152.4	160.0	167.6	175.3	182.9	
		DOOR WIDTH																						

KASON WALK-IN HINGE GROUPS

GROUP	HINGE MODEL NUMBERS
A	N/A
B	N/A
C	N/A
D	1241, 1243, 1245, 1246, 1248, 1249, 1251, 1255, 1256, 1341, 1346*
E	1074
F	1037, 1055, 1214, 1240, 1409, 1345**
G	998, 1073, 1277, 1277L, 1277S, 1277T, 1278, 1278S, 1377L, 1377, 1398
H	1075, 1076, 1275, 1276
J	94

*Maximum 220 lb up to 36" wide; Maximum 2940 in-lb beyond 36"

**Maximum 9,000 in-lb, max 300 lb



ITEM # 1037

FORGED BRASS HINGES

- Forged brass provides the ultimate corrosion resistance.
- Finest quality high strength brass material.
- Rugged construction for long, dependable wear.
- Engineered for smooth, easy door operation.
- Designed to carry the heaviest doors.
- Non-rising.
- Order as left hinge or right hinge.

SPECIFICATIONS

MATERIAL:
Forged brass with
stainless steel pin
and nylon bearing
washers

FINISH:
Polished chrome

OFFSETS:
See order information,
below

MOUNTING:
Holes drilled and
countersunk for 1/4"
(6.0mm) screws

1037 HINGE

LOAD RATING:
See Hinge Selector Chart,
Page B40, Group F.

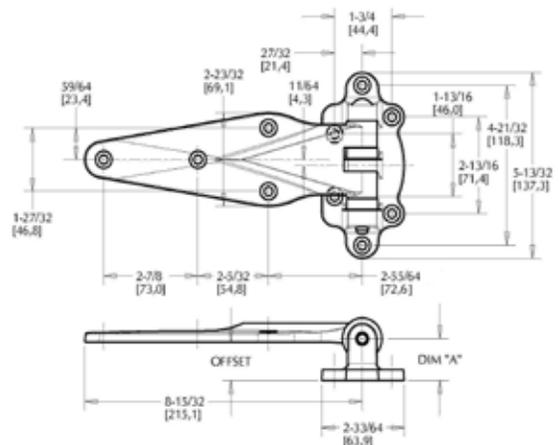
PACKAGING:
6 each

WEIGHT:
Approx. 18lb.
(8.2kg) per carton

Model No.	Description	Offset	Dim. A
11037000003	Hinge L.H.	Flush (0.0 mm)	31/32" (24.6mm)
11037000004	Hinge R.H.	Flush (0.0 mm)	31/32" (24.6mm)
11037000043	Hinge L.H.	1-3/8" (34.9 mm)	1-7/32" (30.9mm)
11037000044	Hinge R.H.	1-1/8" (28.6 mm)	1-7/32" (30.9mm)

Other offsets available to specification. Minimum order required.

1037



KASON FORGED BRASS HINGES



ITEM # 1055

1055 HEAVY DUTY HINGE

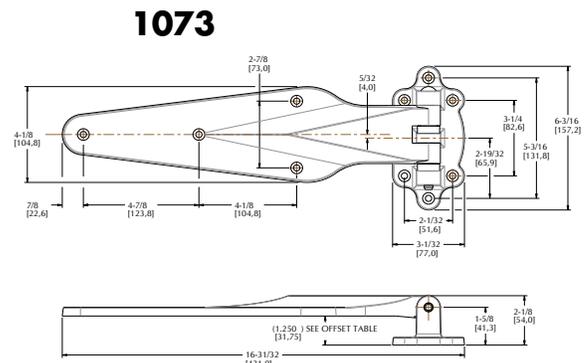
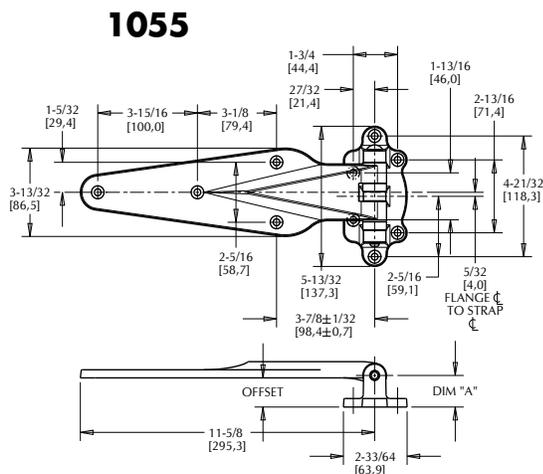
LOAD RATING: See Hinge Selector Chart, Page B40, Group F.
PACKAGING: 6 each.
WEIGHT: Approx. 20.3 lb. (9.2kg) per carton.

Model No.	Description	Offset	Dim. A
1105500004	Hinge R.H.	Flush (0.0 mm)	31/32" (24.6mm)
1105500005	Hinge L.H.	Flush (0.0 mm)	31/32" (24.6mm)
11055000044	Hinge R.H.	1-1/8" (28.6 mm)	1-7/32" (30.9mm)
11055000045	Hinge L.H.	1-1/8" (28.6 mm)	1-7/32" (30.9mm)
11055000048	Hinge R.H.	1-1/4" (31.8 mm)	1-7/32" (30.9mm)
11055000049	Hinge L.H.	1-1/4" (31.8 mm)	1-7/32" (30.9mm)
11055000050	Hinge R.H.	1-5/16" (33.3 mm)	1-7/32" (30.9mm)
11055000051	Hinge L.H.	1-5/16" (33.3 mm)	1-7/32" (30.9mm)
11055000052	Hinge R.H.	1-3/8" (34.9 mm)	1-7/32" (30.9mm)
11055000053	Hinge L.H.	1-3/8" (34.9 mm)	1-7/32" (30.9mm)

1073 EXTRA HEAVY DUTY HINGE

LOAD RATING: See Hinge Selector Chart, Page B40, Group G.
PACKAGING: 2 each.
WEIGHT: Approx. 11.5 lb. (5.2kg) per carton.

Model No.	Description	Offset
11073000004	Hinge R.H.	Flush (0.0 mm)
11073000005	Hinge L.H.	Flush (0.0 mm)
11073000016	Hinge R.H.	1-1/8" (28.6 mm)
11073000017	Hinge L.H.	1-1/8" (28.6 mm)
11073000020	Hinge R.H.	1-1/4" (31.8 mm)
11073000021	Hinge L.H.	1-1/4" (31.8 mm)
11073000024	Hinge R.H.	1-3/8" (34.9 mm)
11073000025	Hinge L.H.	1-3/8" (34.9 mm)
11073000028	Hinge R.H.	1-7/16" (36.5 mm)
11073000029	Hinge L.H.	1-7/16" (36.5 mm)



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0620 LIT 001

STEEL STRAP HINGES

- Heavy duty and durable.
- Smooth action for coolers, freezers and cold storage doors.
- Right hand hinge is standard. Easily reversible for left hand.
- Non-rising.

SPECIFICATIONS

MATERIAL: Cast iron flange, steel strap, nylon bearing, steel pin
FINISH: Kasonized (Zinc plated)
OFFSETS: See order information, below.

1074 HINGE

STRAP LENGTH: 13-5/8" (346.1mm)
LOAD RATING: See Hinge Selector Chart, Page B40, Group E
PACKAGING: 12 each
MOUNTING: Strap drilled for 1/4" (6.0mm) screws; flange drilled for 5/16" (8.0mm) lag screws (not included)
WEIGHT: Approx. 37 lb. (16.8kg) per carton

Model No.	Item	Offset
11074000008	Hinge R.H.	Flush (0.0 mm)
11074000020	Hinge R.H.	1-1/8" (28.6 mm)

1075 HEAVY DUTY HINGE

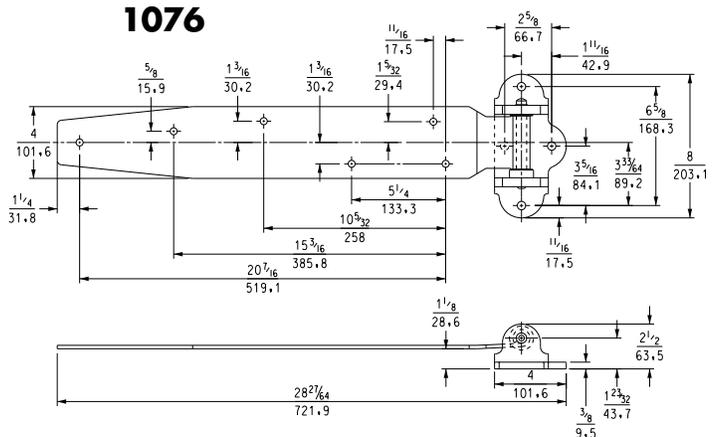
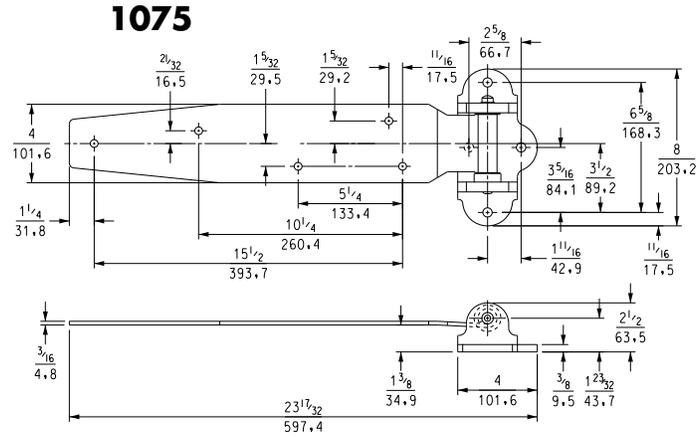
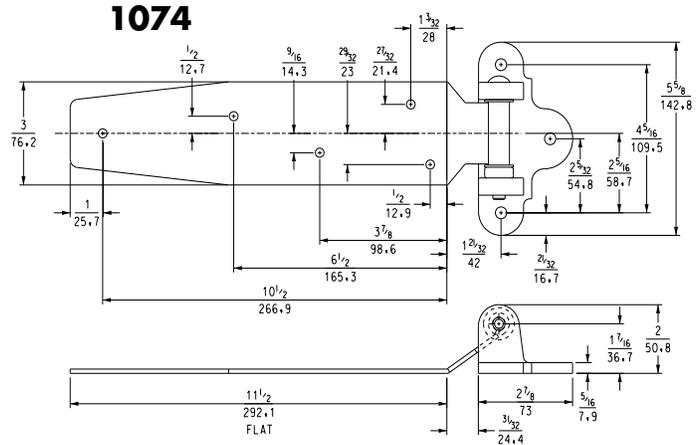
STRAP LENGTH: 21" (533.4mm)
LOAD RATING: See Hinge Selector Chart, Page B40, Group H
PACKAGING: 2 each
MOUNTING HOLES: Strap and flange drilled for 3/8" (9.5mm) lag screws (not included)
Weight: Approx. 16.5 lb. (7.5kg) per carton

Model No.	Item	Offset
11075000004	Hinge R.H.	Flush (0.0 mm)
11075000016	Hinge R.H.	1-1/8" (28.6 mm)
11075000020	Hinge R.H.	1-1/4" (31.8 mm)
11075000024	Hinge R.H.	1-3/8" (34.9 mm)

1076 EXTRA HEAVY DUTY HINGE

STRAP LENGTH: 26" (660.4mm)
LOAD RATING: See Hinge Selector Chart, Page B40, Group H
PACKAGING: 2 each
MOUNTING HOLES: Strap and flange drilled for 3/8" (9.5mm) lag screws (not included)
WEIGHT: Approx. 18 lb. (8.2kg) per carton

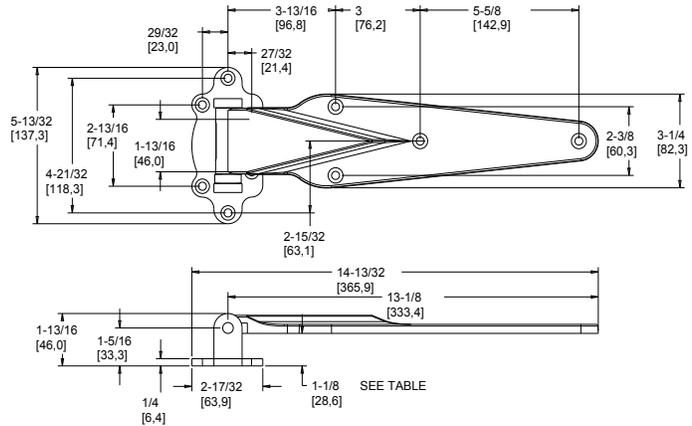
Model No.	Item	Offset
11076000016	Hinge R.H.	1-1/8" (28.6 mm)
11076000020	Hinge R.H.	1-1/4" (31.8 mm)
11076000024	Hinge R.H.	1-3/8" (34.9 mm)





ITEM # 1214

1214



IRON STRAP HINGES

Tough non-rising iron hinges feature a steel flange for extra strength.

SPECIFICATIONS

MATERIAL: Malleable iron strap, steel flange	OFFSETS: See order information, below	LOAD RATING: See Hinge Selector Chart, Page B40, Group F
FINISH: Kasonized (Zinc plated)	MOUNTING: Holes drilled and counter-sunk for 1/4" (6.0mm) screws (not included)	

1214 HEAVY DUTY HINGE

STRAP LENGTH: 13" (330.2mm)	PACKAGING: 12 each	WEIGHT: Approx. 40.5 lb. (18.4kg) per carton
---------------------------------------	------------------------------	--

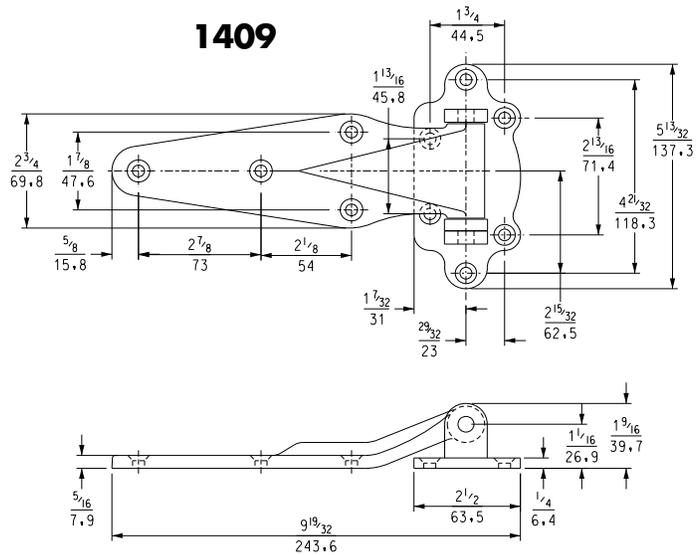
Model No.	Item	Offset
11214000012	Hinge	1-1/8" (28.6 mm)
11214000016	Hinge	1-1/4" (31.8 mm)
11214000020	Hinge	1-3/8" (34.9 mm)
11214000024	Hinge	1-1/2" (38.1 mm)

1409 HINGE

STRAP LENGTH: 8-3/8" (212.7 mm)	PACKAGING: 12 each	WEIGHT: Approx. 33 lb. (15.0kg) per carton
---	------------------------------	--

Model No.	Item	Offset
11409000004	Hinge	Flush (0.0 mm)

1409





ITEM # 1240



1240 ALUMINUM HINGE

- Rugged through-pin hinge is engineered to minimize play and door sag.
- Built-in cam gently raises the opening door to reduce friction and gasket wear and holds open dwell beyond 150°
- Furnished right hand; can be reversed.

SPECIFICATIONS

MATERIAL:
High pressure die-cast aluminum; nylon cam and follower

OFFSET:
See order information, below

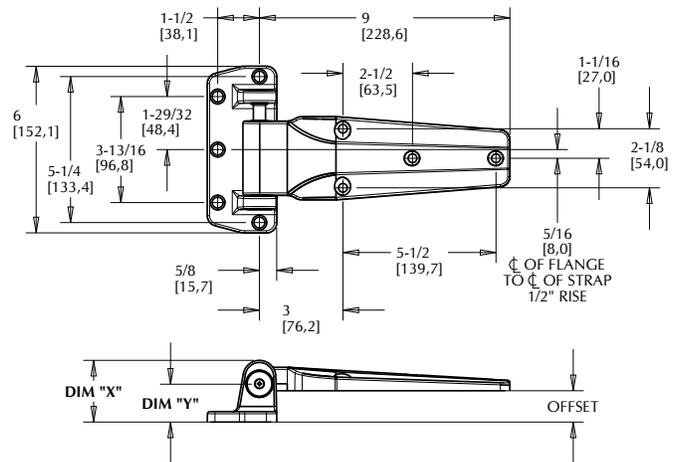
LOAD RATING:
See Hinge Selector Chart, Page B40, Group F

FINISH:
See order information, below

MOUNTING:
Drilled and countersunk for 1/4" (6.0mm) flat head screws (not included)

PACKAGING:
6 each

WEIGHT:
Approx. 10.5 lb. (4.7kg) per carton



OFFSET	DIM "X"	DIM "Y"
FLUSH	2 7/32	1 3/8
1 1/8	2 7/32	1 3/8
1 1/4	2 7/32	1 1/2
1 3/8	2 7/32	1 5/8
1 5/8	2 23/32	1 7/8
1 7/8	2 23/32	2 1/8

When ordering consult with Kason agent for part number, specify offset, left or right opening door. Finishes offered are Polished Aluminum, and Powder Coat Paint in a choice of colors.

Model No.	Item	Offset	Finish
11240000016	Hinge	1-3/8" (34.9 mm)	Powder Coat
11240000020	Hinge	Flush (0.0)	Polished Aluminum
11240000024	Hinge	1-1/8" (28.6 mm)	Polished Aluminum
11240000028	Hinge	1-1/4" (31.8 mm)	Polished Aluminum
11240000032	Hinge	1-3/8" (34.9 mm)	Polished Aluminum

KASON STRAP HINGES

1241 HEAVY DUTY DOUBLE KNUCKLE HINGE

- Engineered to take great stress and resist sag
- Exclusive ribbed underside construction reduces weight while adding strength
- Non-rising
- Order as left-hand or right-hand

SPECIFICATIONS

STRAP LENGTH:
9" (228.6mm)

OFFSETS:
See order information, below

MATERIAL:
High pressure die-cast zinc with stainless steel pin and nylon bearings

FINISH:
Polished chrome

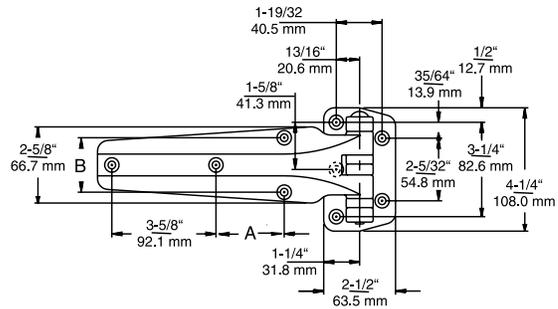
MOUNTING:
Holes drilled and countersunk for 1/4" (6.0mm) screws (not included). Strap available with three different mounting hole locations; refer to dimensions A and B on drawings

LOAD RATING:
See Hinge Selector Chart, Page B40, Group D

ITEM # 1241



U.S. Trademark 2,277,203



Model No.	Item	Offset	Dim. A	Dim. B	Qty/Carton	Wgt/Carton
11241000003	Hinge L.H.	Flush (0.0 mm)	2-3/8" (60.3 mm)	1-7/8" (47.6 mm)	8 ea.	20 lb. (8.1 kg)
11241000004	Hinge R.H.	Flush (0.0 mm)	2-3/8" (60.3 mm)	1-7/8" (47.6 mm)	8 ea.	20 lb. (8.1 kg)
11241000008	Hinge R.H.	1-1/8" (28.6 mm)	2-3/8" (60.3 mm)	1-7/8" (47.6 mm)	6 ea.	14 lb. (6.8 kg)
11241000009	Hinge L.H.	1-1/8" (28.6 mm)	2-3/8" (60.3 mm)	1-7/8" (47.6 mm)	6 ea.	14 lb. (6.8 kg)
11241H00004	Hinge R.H.	Flush (0.0 mm)	1-23/32" (43.6 mm)	1-11/16" (42.9 mm)	8 ea.	20 lb. (8.1 kg)
11241H00005	Hinge L.H.	Flush (0.0 mm)	1-23/32" (43.6 mm)	1-11/16" (42.9 mm)	8 ea.	20 lb. (8.1 kg)
11241S00004	Hinge R.H.	Flush (0.0 mm)	1-3/16" (30.2 mm)	1-3/4" (44.4 mm)	8 ea.	20 lb. (8.1 kg)
11241S00005	Hinge L.H.	Flush (0.0 mm)	1-3/16" (30.2 mm)	1-3/4" (44.4 mm)	8 ea.	20 lb. (8.1 kg)

1251 HEAVY DUTY DOUBLE KNUCKLE HINGE

- Longer version of Kason 1241 hinge.
- Exclusive ribbed underside construction reduces weight while adding strength.

SPECIFICATIONS

STRAP LENGTH:
12" (304.8mm)

OFFSETS:
See order information, below

LOAD RATING:
See Hinge Selector Chart, Page B40, Group D.

MATERIAL:
High pressure die-cast zinc with stainless steel pin and nylon bearings

FINISH:
Polished chrome

MOUNTING:
Holes drilled and countersunk for 1/4" (6.0mm) screws (not included)

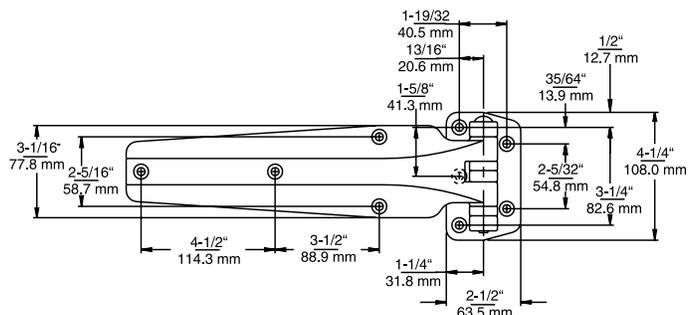
PACKAGING:
4 each

WEIGHT:
15.4 lb. (7.0kg) per carton



U.S. Trademark 2,277,203

ITEM # 1251



Model No.	Item	Offset
11251000008	Hinge R.H.	1-1/8" (28.6 mm)
11251000009	Hinge L.H.	1-1/8" (28.6 mm)
11251000012	Hinge R.H.	1-1/4" (31.8 mm)
11251000013	Hinge L.H.	1-1/4" (31.8 mm)
11251000015	Hinge L.H.	1-3/8" (34.9 mm)
11251000016	Hinge R.H.	1-3/8" (34.9 mm)

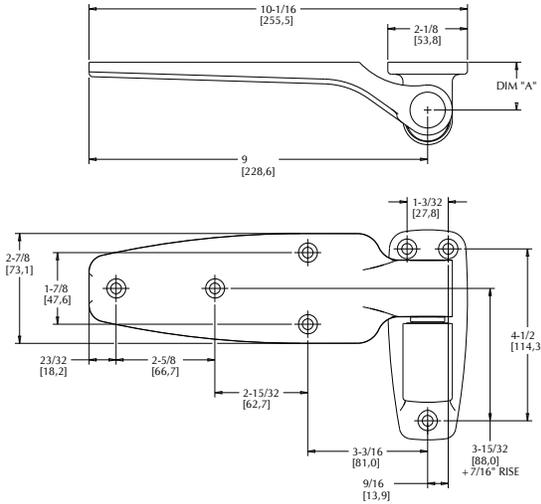
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ITEM # 1245



1245

U.S. Trademark 2,176,043

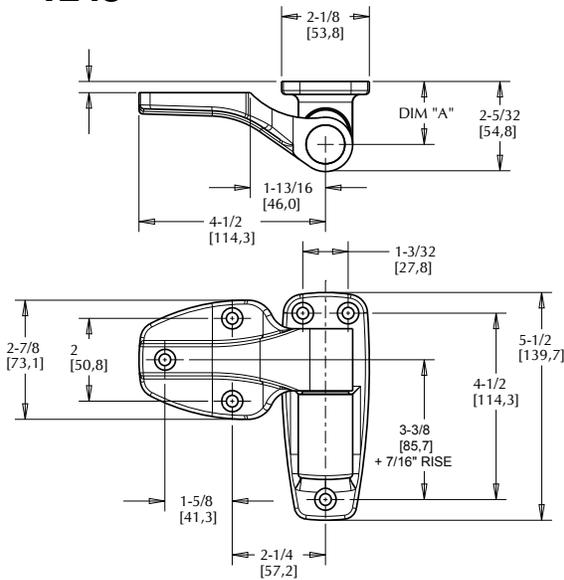


U.S. Trademark 2,382,322

ITEM # 1246



1246



OFFSET	DIM "A"	DIM "B"
FLUSH, 1 1/8	1 1/4	2 5/32
1/8, 1 1/4	1 3/8	2 5/32
1/4, 1 3/8, 1 1/2	1 1/2	2 5/32
5/8	1 3/16	2 21/32
1 5/8	1 3/4	2 21/32
1 3/4	1 7/8	2 21/32
1 7/8, 2	1 1/4	2 21/32

REVERSIBLE CAM-RISE HINGES

- Industry standard self-closing cam-rise hinges
- Door opens with minimum effort
- Strong self-lubricating nylon cam delivers smooth, trouble-free door operation
- Cam-rise action reduces gasket wear, even with irregular floors
- Holds door open beyond 130°
- Doors lift off without disassembly or removing hinges
- Simple manual operation reverses hinges for use on right or left-opening door

SPECIFICATIONS

MATERIAL:
High pressure die-cast zinc with self-lubricating nylon cam

FINISH:
See table on pg. B-48. Powder coated finishes available for severe environmental applications

OFFSETS:
See table on left

MOUNTING:
Drilled and countersunk for 1/4" (6.0mm) flat head screws

LOAD RATING:
See Hinge Selector Chart, Page B40, Group D

ITEM #1245

PACKAGING:
6 each per carton

WEIGHT:
Approx. 18 lb. (8.2kg) per carton

ITEM #1246

PACKAGING:
6 each per carton.

WEIGHT:
Approx. 12 lb. (5.4kg) per carton

KASON REVERSIBLE CAM-RISE HINGES

REVERSE HINGES IN MINUTES

1. Lift strap from flange and remove pin assembly.



2. Pop out cap. Turn strap 180°, reinsert pin assembly in strap.



3. Reposition strap into flange and replace cap.



ITEM # 1243 LOWER



1243 REVERSIBLE OBLIQUE HINGE

The 1243 is an oblique lower hinge, designed to be used in conjunction with the 1245 flush upper hinge to provide increased lift and potential energy for greater closing force than normal cam lift hinges.

- Precision engineered for spring action without the costly spring.
- Closing force rivals any spring-assisted hinge.
- Lowered cam load extends life of internal parts compared to spring-assisted hinges.
- Oblique design gives doors steeper rise for less sweeper gasket drag and wear.
- Built-in dwell holds door open beyond 130°.
- Doors lift off without disassembly or removing hinges.
- Simple manual operation reverses hinges for use on right- or left-opening door.
- Mounts as standard cam-rise hinge.
- 1243 must be paired with 1245 flush to achieve oblique action.

SPECIFICATIONS

MATERIAL:
High pressure die-cast zinc with self-lubricating nylon cam

LOAD RATING:
See Hinge Selector Chart, Page B40, Group D

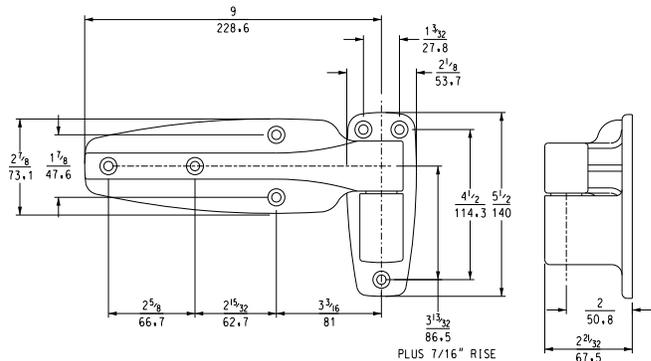
PACKAGING:
6 each per carton

Drilled and countersunk for 1/4" (6.0mm) flat head screws

WEIGHT:
Approx. 18 lb. (8.2kg) per carton

OFFSET:
Flush (0.0mm)

Model No.	Item	Finish
11243000028	Hinge, RH - Oblique Lower	Polished Chrome
11243000029	Hinge, LH - Oblique Lower	Polished Chrome
11243000088	Hinge, RH - Oblique Lower	Brushed Chrome
11243000089	Hinge, LH - Oblique Lower	Brushed Chrome



Model No.	Item	Offset	Finish
11245000004	Hinge	Flush (0.0 mm)	Powder Coat
11245000016	Hinge	1-1/8" (28.6 mm)	Powder Coat
11245000020	Hinge	1-1/4" (31.8 mm)	Powder Coat
11245000024	Hinge	1-3/8" (34.9 mm)	Powder Coat
11245000052	Hinge	1-1/2" (38.1 mm)	Powder Coat
11245000056	Hinge	1-5/8" (41.3 mm)	Powder Coat
11245000060	Hinge	1-3/4" (44.5 mm)	Powder Coat
11245000064	Hinge	1-7/8" (47.6 mm)	Powder Coat
11245000028	Hinge	Flush (0.0 mm)	Polished Chrome
11245000040	Hinge	1-1/8" (28.6 mm)	Polished Chrome
11245000044	Hinge	1-1/4" (31.8 mm)	Polished Chrome
11245000048	Hinge	1-3/8" (34.9 mm)	Polished Chrome
11245000068	Hinge	1-1/2" (38.1 mm)	Polished Chrome
11245000072	Hinge	1-5/8" (41.3 mm)	Polished Chrome
11245000076	Hinge	1-3/4" (44.5 mm)	Polished Chrome
11245000080	Hinge	1-7/8" (47.6 mm)	Polished Chrome
11245000082	Hinge	2" (50.8 mm)	Polished Chrome
11245000088	Hinge	Flush (0.0 mm)	Brushed Chrome
11245000112	Hinge	1-1/8" (28.6 mm)	Brushed Chrome
11245000116	Hinge	1-1/4" (31.8 mm)	Brushed Chrome
11245000120	Hinge	1-3/8" (34.9 mm)	Brushed Chrome
11245000124	Hinge	1-1/2" (38.1 mm)	Brushed Chrome
11245000128	Hinge	1-5/8" (41.3 mm)	Brushed Chrome
11245000132	Hinge	1-3/4" (44.5 mm)	Brushed Chrome
11245000136	Hinge	1-7/8" (47.6 mm)	Brushed Chrome
11245000138	Hinge	2" (50.8 mm)	Brushed Chrome

Model No.	Item	Offset	Finish
11246000004	Hinge	Flush (0.0 mm)	Powder Coat
11246000028	Hinge	Flush (0.0 mm)	Polished Chrome
11246000040	Hinge	Flush (0.0 mm)	Brushed Chrome

KASON REVERSIBLE CAM-RISE SPRING HINGES



U.S. Trademark: 2,415,070[®]

ITEM # 1248



U.S. Trademark 2,415,066[®]

ITEM # 1249



SPRING ASSISTED HINGES

- Spring mechanism adds extra closing force to overcome air resistance on heavy walk-in doors.
- Special high-lift cam system outperforms similar spring hinges.
- Cam-rise action reduces gasket wear, even with irregular floors.
- Built-in dwell holds door open beyond 130°.
- Simple manual operation reverses hinges for use on right- or left-opening door.

SPECIFICATIONS



Optional set screw at back of strap to prevent lift off of door.

MATERIAL:
High pressure die-cast zinc with self-lubricating nylon cam

FINISH:
See table to right.
Powder coat also available

PACKAGING:
6 each

MOUNTING:
Drilled and countersunk for 1/4" (6.0mm) flat head screws.

LOAD RATING:
See Hinge Selector Chart, Page B40, Group D

OPTION:
Also available in non-lift off and non-spring models. Not recommended to use 1248 spring loaded with 1245 non-spring loaded hinges

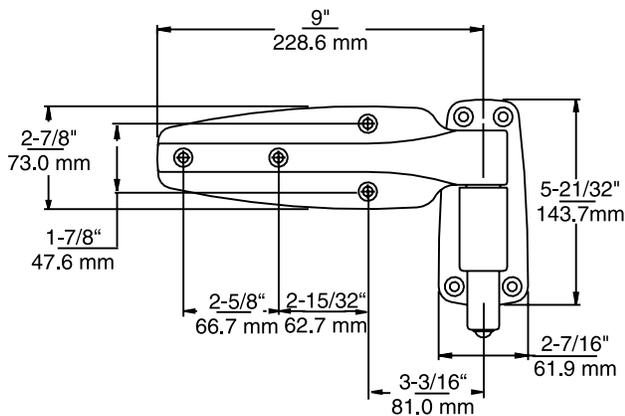
WEIGHT:
1248: Approx. 19.5 lb. (8.85kg) per carton
1249: Approx. 13 lb. (5.9kg) per carton

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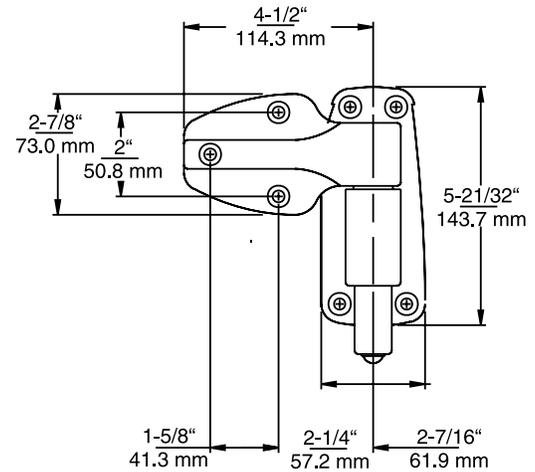
KASON REVERSIBLE CAM-RISE SPRING HINGES

CONTINUED FROM PREVIOUS PAGE

1248



1249



Model No.	Item	Offset	Finish	Non-Lift Off No.	Non-Spring No.
11248000004	Hinge	Flush (0.0 mm)	Polished Chrome	11248000006	11248000002
11248000016	Hinge	1-1/8" (28.6 mm)	Polished Chrome	n/a	n/a
11248000020	Hinge	1-1/4" (31.8 mm)	Polished Chrome	n/a	11248000019
11248000022	Hinge	1-1/2" (38.1 mm)	Polished Chrome	n/a	n/a
11248000024	Hinge	1-3/8" (34.9 mm)	Polished Chrome	n/a	11248000018
11248000025	Hinge	1-5/8" (41.3 mm)	Polished Chrome	n/a	n/a
11248000026	Hinge	1-3/4" (44.5 mm)	Polished Chrome	n/a	n/a
11248000027	Hinge	1-7/8" (47.6 mm)	Polished Chrome	n/a	11248000055
11248000028	Hinge	Flush (0.0 mm)	Brushed Chrome	11248000007	11248000029
11248000030	Hinge	2" (50.8 mm)	Polished Chrome	n/a	11248000080
11248000040	Hinge	1-1/8" (28.6 mm)	Brushed Chrome	n/a	n/a
11248000044	Hinge	1-1/4" (31.8 mm)	Brushed Chrome	n/a	n/a
11248000045	Hinge	1-1/2" (38.1 mm)	Brushed Chrome	n/a	11248000053
11248000048	Hinge	1-3/8" (34.9 mm)	Brushed Chrome	n/a	11248000039
11248000049	Hinge	1-5/8" (41.3 mm)	Brushed Chrome	n/a	11248000037
11248000050	Hinge	1-3/4" (44.5 mm)	Brushed Chrome	n/a	11248000054
11248000051	Hinge	1-7/8" (47.6 mm)	Brushed Chrome	n/a	n/a
11248000078	Hinge	2" (50.8 mm)	Brushed Chrome	n/a	n/a
11249000002	Hinge R.H.	Flush (0.0 mm)	Polished Chrome	n/a	n/a
11249000003	Hinge L.H.	Flush (0.0 mm)	Polished Chrome	n/a	n/a
11249000004	Hinge R.H.	Flush (0.0 mm)	Polished Chrome	11249000014	11249000024
11249000005	Hinge L.H.	Flush (0.0 mm)	Polished Chrome	11249000018	11249000025
11249000008	Hinge R.H.	1/8" (3.2 mm)	Polished Chrome	n/a	n/a
11249000012	Hinge R.H.	1/4" (6.4 mm)	Polished Chrome	n/a	n/a
11249000014	Hinge R.H.	Flush (0.0 mm)	Polished Chrome	n/a	n/a
11249000015	Hinge L.H.	Flush (0.0 mm)	Polished Chrome	n/a	n/a
11249000016	Hinge R.H.	Flush (0.0 mm)	Brushed Chrome	n/a	n/a
11249000017	Hinge L.H.	Flush (0.0 mm)	Brushed Chrome	n/a	n/a

PACESETTER HINGES

- Bold, contemporary style
- Complements Kason Pacesetter locking handles. See pg. B-33
- Economy and durability are built in
- Strong, self-lubricating nylon cam delivers smooth, trouble-free door operation. Closes door with minimum effort
- Cam-rise action reduces gasket wear, even with irregular floors
- Built-in dwell holds door open beyond 120°
- Easy lift off
- Hinges reverse in minutes without tools for use on right- or left-opening door

SPECIFICATIONS

MATERIAL: High pressure die-cast zinc with self-lubricating nylon cam
FINISH: See table below
OFFSET: Flush (0.0mm)
MOUNTING: Drilled and countersunk for 1/4" (6.0mm) flat head screws
LOAD RATING: See Hinge Selector Chart, Page B40, Group D

1255 HINGE

PACKAGING: 8 each
WEIGHT: Approx. 20 lb. 6 oz. (9.2kg) per carton

1256 HINGE

PACKAGING: 6 each
WEIGHT: Approx. 18 lb. (8.2kg) per carton

1255-2 SPRING CARTRIDGE KIT

Converts No. 1255 or 1256 to spring assist for greater closing force

SPECIFICATIONS

MATERIAL:
 High pressure die-cast zinc shell, premium wire spring.

Model No.	Item	Finish
11255V00004C	Hinge, Smooth Face	Polished Chrome
11255000004	Hinge, Textured Panel	Brushed Chrome
11255000014	Hinge, Textured Panel	Polished Chrome
11256V00004C	Hinge, Smooth Face	Polished Chrome
11256000004	Hinge, Textured Panel	Brushed Chrome
11255000001	Spring Kit for 1255 & 1256	Brushed Chrome
11255000003	Spring Kit for 1255 & 1256	Polished Chrome



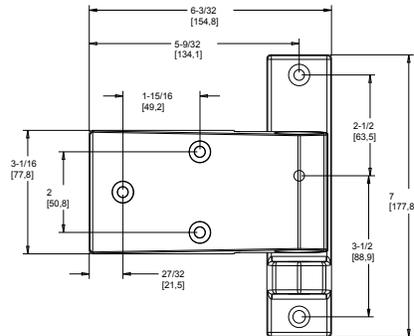
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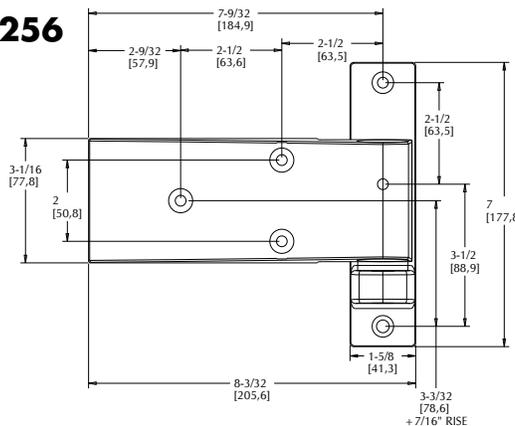
ITEM # 1256



1255



1256



EASY SPRING CARTRIDGE INSTALLATION

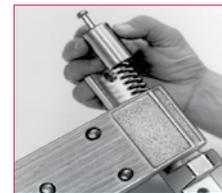
1. Replace existing follower assembly with spring cartridge follower assembly.



2. Assemble spring cartridge.



3. Remove black plastic cap at top of strap and insert spring assembly into strap so that screw enters hole in cam.



4. Drive screw through rod and secure with acorn nut.



KASON HEAVY DUTY CAM-RISE HINGES



ITEM # 1275

CAM-RISE STRAP HINGES

- Designed for large, heavy offset doors
- Provides self-closing action
- Solid steel cam smoothly glides over hardened steel roller to easily lift heaviest doors
- Use where irregular floors interfere with free operation of doors
- Non-reversible; must be ordered right or left-handed
- Dwell pushes door further open past 90°

SPECIFICATIONS

MATERIAL:
Heavy gauge steel strap,
malleable iron flange

FINISH:
Kasonized (Zinc plated)

MOUNTING:
Strap drilled for 3/8" (9.5mm)
screws. Flange drilled for 3/8"
(9.5mm) lag screws

LOAD RATING:
See Hinge Selector Chart, Page
B40, Group H

1275 HEAVY DUTY HINGE

STRAP LENGTH:
21" (533.4mm)

PACKAGING:
2 each

WEIGHT:
Approx. 22 lb.
(10.0kg) per carton

Model No.	Item	Offset
11275000020	Hinge, Left Hand	1-1/8" (28.6 mm)
11275000024	Hinge, Right Hand	1-1/8" (28.6 mm)
11275000028	Hinge, Left Hand	1-1/4" (31.8 mm)
11275000032	Hinge, Right Hand	1-1/4" (31.8 mm)

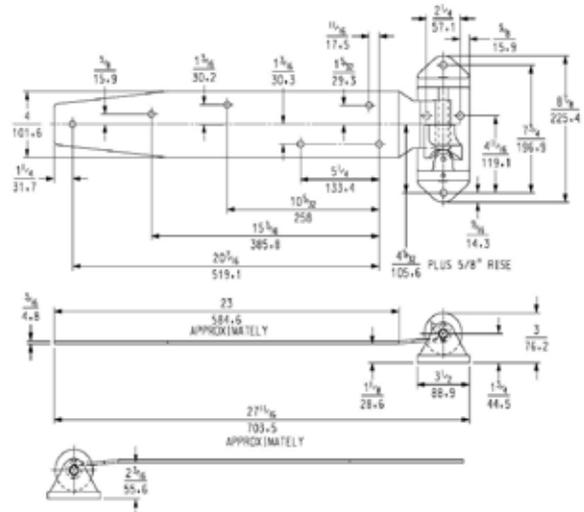
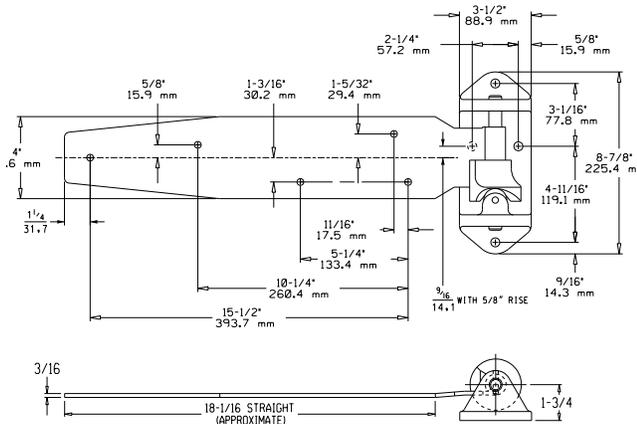
1276 ENLARGED HEAVY DUTY HINGE

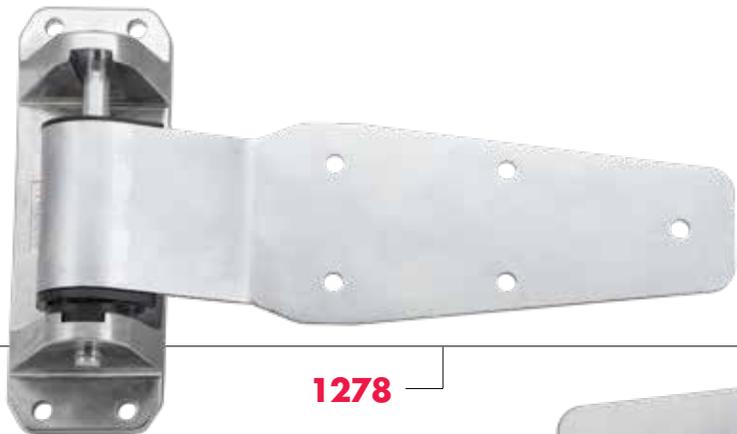
STRAP LENGTH:
26" (658.5 mm)

PACKAGING:
2 each per
carton

WEIGHT:
Approx. 24.3 lb.
(11.0 kg) per carton

Model No.	Item	Offset
11276000020	Hinge, Left Hand	1-1/8" (28.6 mm)
11276000024	Hinge, Right Hand	1-1/8" (28.6 mm)
11276000028	Hinge, Left Hand	1-1/4" (31.8 mm)
11276000032	Hinge, Right Hand	1-1/4" (31.8 mm)





1278

U.S. Patent Nos. 8,407,859; 8,505,166;
8,621,715 & D-658,031



1278S

1278 HIGH-RISE HINGE

- Industry standard self-closing cam-rise hinge
- Heavy-duty face mount hinge
- High rising spiral cams. Total rise 7/8"
- Holds open dwell at 105°
- Through-pin flange design
- Raises door fast to create greater closing momentum, reduce closing drag, and reduce wear on sweeper gasket

SPECIFICATIONS

MATERIAL:

Steel strap, pivot pin, and fastener "C" ring with composite cam, follower, and top bearing

MOUNTING:

Drilled and countersunk to accommodate 3/8" fasteners

FINISH:

Kasonized (zinc-plated). Powder coat available

LOAD RATING:

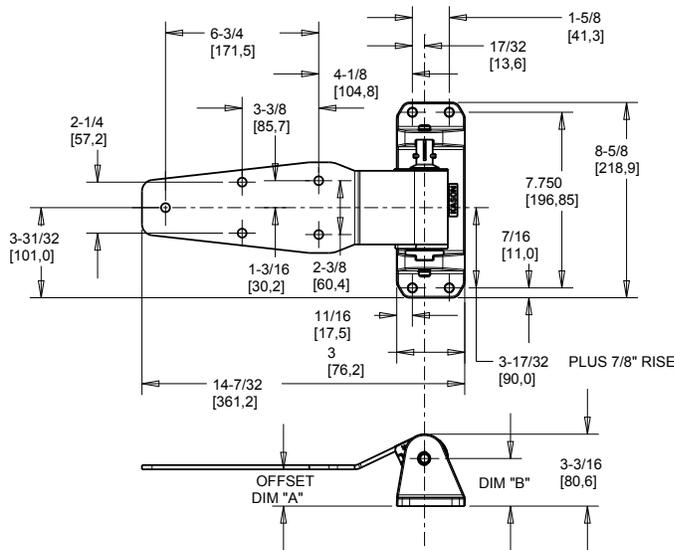
See Hinge Selector Chart, Page B40, Group G

PACKAGING:

4 each

WEIGHT:

26 lb. (11.7kg)



Model No.	Item	Offset	Dim. "B"
11278000007	Hinge, Left Hand	1-1/8" (28.6 mm)	1.60
11278000008	Hinge, Right Hand	1-1/8" (28.6 mm)	1.60
11278000009	Hinge, Left Hand	1-1/4" (31.8 mm)	1.72
11278000010	Hinge, Right Hand	1-1/4" (31.8 mm)	1.72
11278000011	Hinge, Left Hand	1-3/8" (34.9 mm)	1.85
11278000012	Hinge, Right Hand	1-3/8" (34.9 mm)	1.85
11278000013	Hinge, Left Hand	1-1/2" (38.1 mm)	1.97
11278000014	Hinge, Right Hand	1-1/2" (38.1 mm)	1.97
11278000015	Hinge, Left Hand	1-5/8" (41.3 mm)	2.10
11278000016	Hinge, Right Hand	1-5/8" (41.3 mm)	2.10
11278S00003BC	Spring Hinge, Left Hand	Flush (0.0 mm)	1.60
11278S00004BC	Spring Hinge, Right Hand	Flush (0.0 mm)	1.60

KASON HEAVY DUTY CAM-RISE HINGES



ITEM # 1277

1277 SERIES HEAVY DUTY HINGES

- Tough, economical self-closing hinges.
- Sizes to fit all supermarket, cold storage and other heavy duty walk-in requirements.
- Precision machined steel cams gently raise and lower door for easier opening and less gasket wear.
- No dwell.
- Extra wide strap and reinforcing ribs on underside of flange provide great strength and durability.
- Reversible, without disassembly, for right- or left-opening door.

SPECIFICATIONS

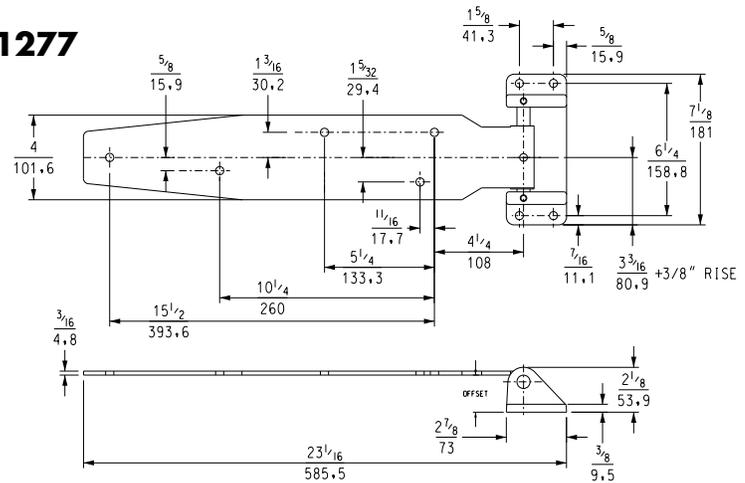
MATERIAL:
High pressure die-cast zinc flange, 3/16" (4.8mm) thick steel strap, 5/8" (15.9mm) diameter steel cam pin

FINISH:
Kasonized (Zinc plated). Powder coated finishes available for severe environmental applications

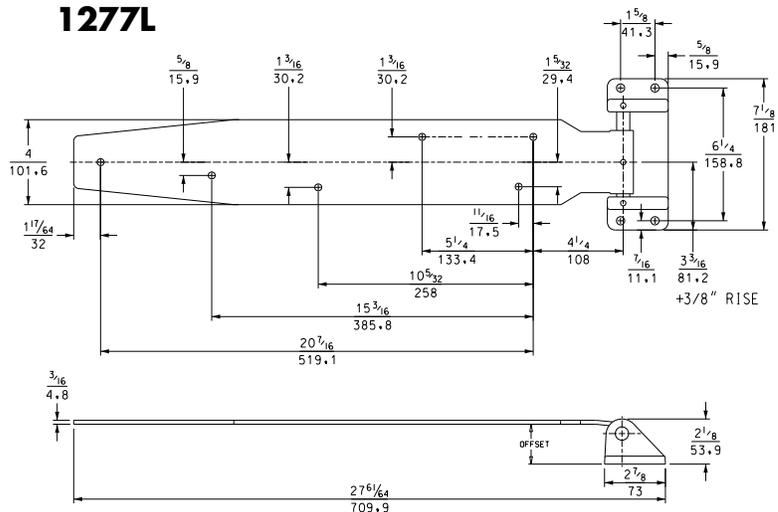
MOUNTING:
Drilled for 3/8" (9.5mm) screws (not included)

LOAD RATING:
See Hinge Selector Chart, Page B40, Group G

1277

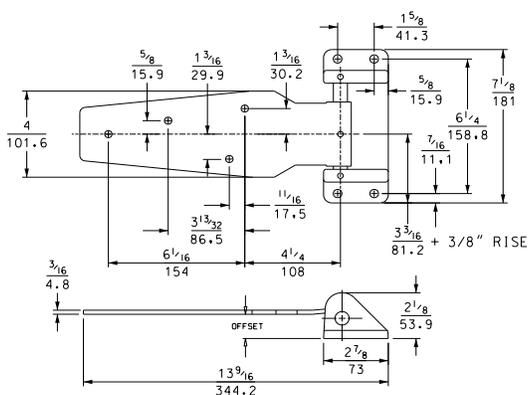


1277L

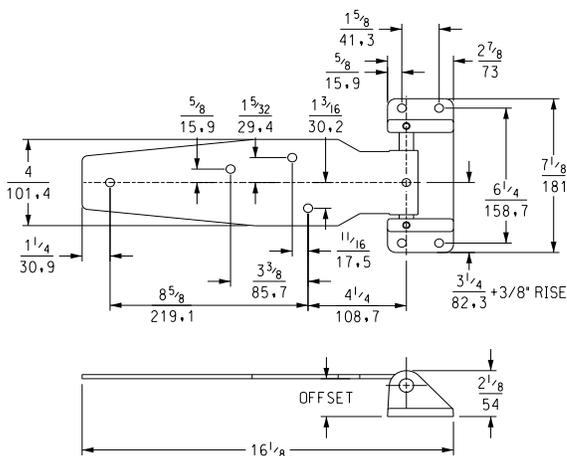




1277S



1277T



Model No.	Offset	Strap Length
11277000004	Flush (0.0 mm)	
11277000008	1-1/8" (28.6 mm)	
11277000010	1-1/4" (31.8 mm)	
11277000012	1-3/8" (34.9 mm)	21" (533.4 mm)
11277000014	1-1/2" (38.1 mm)	
11277000016	1-5/8" (41.3 mm)	
11277000018	1-3/4" (44.5 mm)	
11277000020	1-7/8" (47.6 mm)	
11277L00008	1-1/8" (28.6 mm)	
11277L00010	1-1/4" (31.8 mm)	26" (685.8 mm)
11277L00012	1-3/8" (34.9 mm)	
11277L00016	1-5/8" (41.3 mm)	
11277S00008	1-1/8" (28.6 mm)	
11277S00010	1-1/4" (31.8 mm)	
11277S00012	1-3/8" (34.9 mm)	11-5/8" (293.7 mm)
11277S00014	1-1/2" (38.1 mm)	
11277S00016	1-5/8" (41.3 mm)	
11277S00018	1-3/4" (44.5 mm)	
11277T00004	Flush (0.0 mm)	
11277T00008	1-1/8" (28.6 mm)	
11277T00010	1-1/4" (31.8 mm)	
11277T00012	1-3/8" (34.9 mm)	14" (358.2 mm)
11277T00014	1-1/2" (38.1 mm)	
11277T00016	1-5/8" (41.3 mm)	
11277T00018	1-3/4" (44.5 mm)	
11277T00020	1-7/8" (47.6 mm)	

PACKAGING

Model No.	Qty/Carton	Wgt/Carton
11277	4 each	27 lb. (12.2 kg)
11277L	4 each	33 lb. (14.9 kg)
11277S	8 each	40 lb. (18.0 kg)
11277T	6 each	32 lb. (14.3 kg)

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ITEM # 1341

1341 STAINLESS STEEL DOUBLE KNUCKLE HINGE

- Classic Kason design in high strength polished stainless steel
- Engineered to accept extreme stress and resist door sag
- Ultimate hinge for use in process plants, harsh outdoor weather and caustic environments.
- Resists abuse and tampering
- Order right-hand and left-hand separately.
- Double thrust washers provide smoothest operation.
- Non-rising

SPECIFICATIONS

STRAP LENGTH
9" (228.6mm)

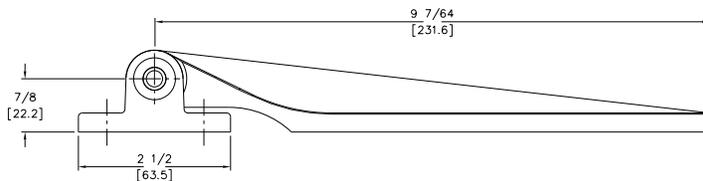
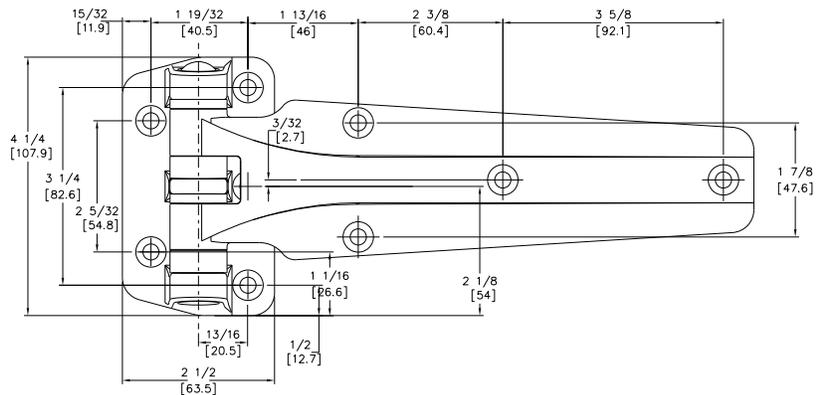
MATERIAL:
316 Series stainless steel with stainless pin and nylon bearings

FINISH:
Satin

OFFSET:
Flush

MOUNTING:
Holes drilled and countersunk for 1/4" (6.0mm) screws (not included)

LOAD RATING:
See Kason Hinge Selector Chart, Group D.



Model No.	Description	Qty/Carton	Weight/Carton
11341000005	Flush, Left Hand	8 each	20 lb. (9kg)
11341000006	Flush, Right Hand	8 each	20 lb. (9kg)

1345 ADJUSTABLE HINGE

SAG COMPENSATING, SAG RESISTANT

- Keeps doors from swinging freely with a simple adjustment.
- Strap adjusts horizontally, providing door lift and rotation to compensate for sag in the frame or mounting.
- Strap is engineered with dual bearing points and through-shaft construction to ensure stability.
- Built-in spring action is standard.
- Time-tested cam-rise technology assists closing and reduces gasket wear, even with irregular floors.
- Flange has a removable pin, allowing lift-off of door without removing hinges.
- Left- and right-hand hinges use the same component parts for faster mounting and replacement. Install hinge flange and strap, then snap-on composite covers.
- Performer decorative covers are molded of reinforced, high-impact ABS composite material to resist wear and maintain appearance.
- Covers mount securely over hinge mechanism to keep out dirt and debris.
- Cover shapes and/or colors may be customized to suit your styling needs*.
- Performer 1345 meets NSF/ANSI Standard 2 for food equipment components.



GreenGuard.



U.S. Patent Nos: 7,584,523; 7,870,642;
8,020,253 & D-645,725

*Based on volume commitment.

1345 PERFORMER HINGES

SPECIFICATIONS

MATERIAL

Precision die-cast aluminum flange with nylon cam, plated steel strap, reinforced high-impact ABS composite covers

FINISH

Molded gray with black accents standard. Custom shapes and colors available, based on volume commitment

OFFSET

Flush (0mm). Spring Loaded

MOUNTING

Drilled for 5/16" (8mm) screws

ADJUSTMENT

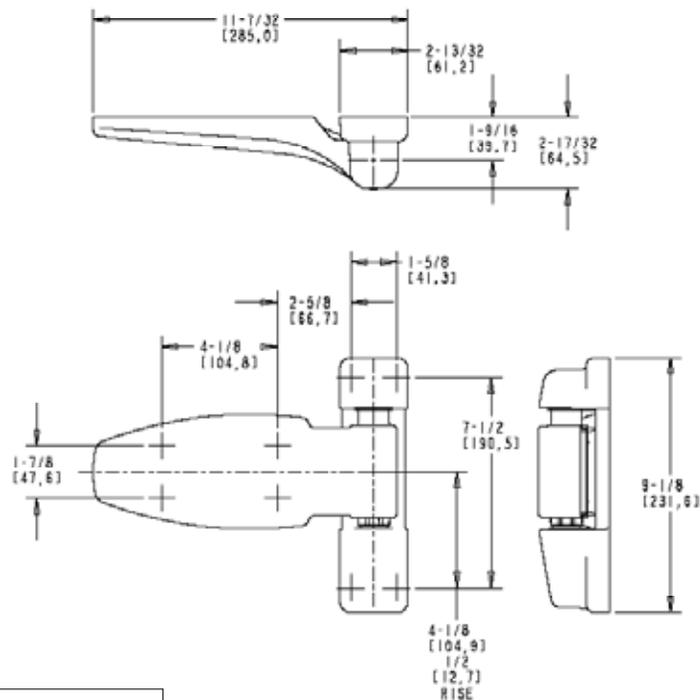
Each strap adjusts $\pm 1/8"$ to provide $1/4"+$ height adjustment. To adjust, loosen main clamping bolts, open door, jack door using micro adjustment screw and tighten clamping bolts

LOAD RATING

Refer to Kason Walk-in Hardware catalog section, page B38, Hinge Selector Load Chart, Group F, and associated footnote

ORDERING:

Order Hinges (flange & strap) and Covers separately



SIMPLE ADJUSTMENT

1. Open door
2. Loosen Strap Mounting Bolts
3. Adjust Hinge As Needed
4. Tighten Bolts

Model No.	Item	Qty/ Carton	Wgt./Carton
11345000004	Hinge, Right Hand	12	31 lb. (14kg)
11345000008	Hinge, Left Hand	12	31 lb. (14kg)
11345000005AKG	Cover Set, Dark Gray	12	31 lb. (14kg)

For a complete hinge, order steel hinge and cover set.

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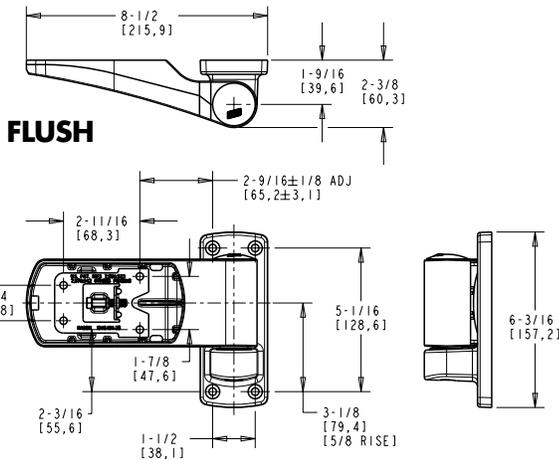
1346 ADJUSTABLE HINGE

SAG COMPENSATING

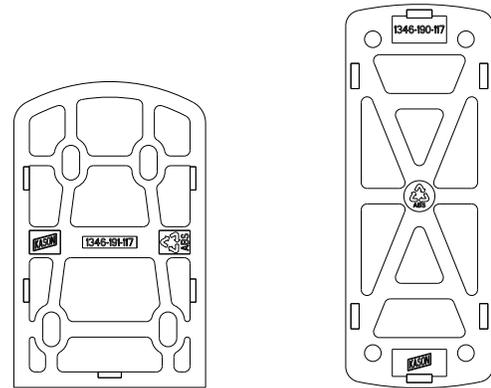
- Strap adjusts horizontally, providing door lift and rotation to compensate for sag over time.
- Built-in spring action is standard.
- Time-tested cam-rise technology assists closing and reduces gasket wear, even with uneven floors. 1346 has 40% more rise than traditional on-rise hinges to magnify the benefit.
- Flange has a removable cap, allowing lift-off of door without removing hinges.
- Left and right hand hinges use the same component parts for faster mounting and replacement.
- Covers mount securely over hinge mechanism to keep out dirt and debris.
- Performer 1346 meets NSF/ANSI Standard 2 for food equipment components.
- Spacer shims available for strap and flange to maintain alignment of pivot centerlines when kick plates are used under the lower hinges. Proper pivot alignment eliminates binding and unwanted hinge wear and tear.



U.S. Patent Nos: D719,809; 7,945,996;
8,800,109; 9,140,045; 9,146,574;
9,493,973; 7,870,642 & 7,584,523



FLUSH



STRAP SPACER

FLANGE SPACER

1346 PERFORMER HINGE

SPECIFICATIONS

MATERIAL

Precision die-cast zinc flange with nylon cam, die-cast zinc strap, and elastomer insert cover (also available in stainless steel; see page 61)

FINISH

Polished chrome or brushed chrome with black accents. Custom colors and/or patterns available, based on volume commitment.

OFFSET

Available from 0-2"

PACKAGING

4 each

ADJUSTMENT

Each strap adjusts $\pm 1/8"$ to provide $1/4"$ + height adjustment. To adjust, loosen main clamping bolts, jack door using micro adjustment screw and tighten clamping bolts.

MOUNTING

Drilled for $1/4"$ (6mm) screws

LOAD RATING

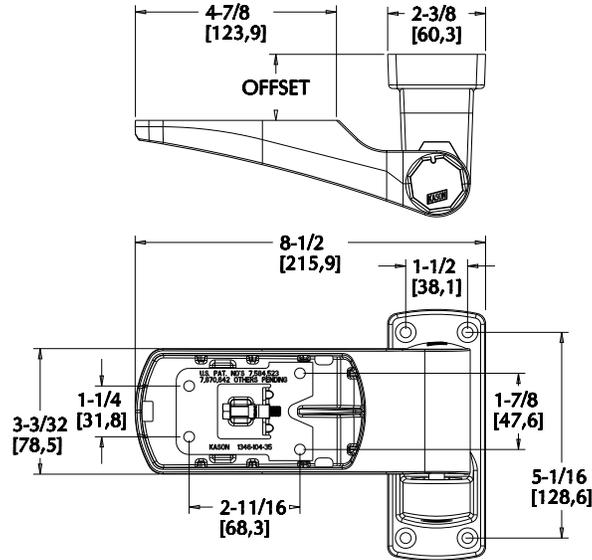
Refer to Kason's Walk-in Hardware catalog section, Hinge Selector Load Chart, page B38, Group D, , and associated footnote



Easy adjustment by one person, open door to make adjustments

PERFORMER CONTEMPORARY HINGE

1346 ADJUSTABLE HINGE



1346 ADJUSTABLE HINGE

Model No.	Item	Base Style	Offset	Cover Style	Finish	Qty./Carton	Wgt./Carton
113460(W)(X)(Y)(Z)	Adjustable Hinge	See W Options In Table Below	See X Options In Table Below	See Y Options In Table Below	See Z Options In Table Below	4	See X Options In Table Below

Base		Offset		Cover		Finish		
W = 0	Light Spring	X = 0	Flush	14 lbs. (6.356 kg.)	Y = 0	Diamond Cover	Z = 4	Chrome
1	Heavy Spring		1-1/8"		1	Stainless Steel	5	Brushed
9	No Spring		1-1/4"					
			1-3/8"					
			1-1/2"	17 lbs. (7.718 kg.)				
			1-5/8"					
			1-3/4"					
			1-7/8"					
			2"	18 lbs. (8.172 kg.)				

Model No.	Item
91346000814	Replacement Stainless Steel Cover Kit, Chrome
91346000815	Replacement Stainless Steel Cover Kit, Brushed
91346001000117	Cap
91346001040035B	Adjustment Bracket & Screw
91346001900117	Flange Spacer, 1/8" Offset 1346 Hinge
91346001910117	Strap Spacer, 1/8" Offset 1346 Hinge
91346008730117	Cover, Strap Diamond Plate



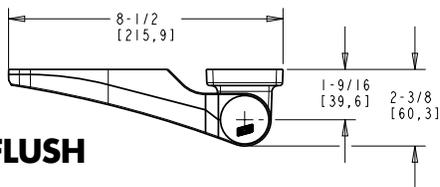
1346S STAINLESS STEEL ADJUSTABLE HINGE

SAG COMPENSATING

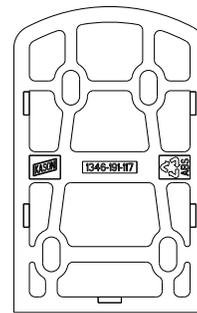
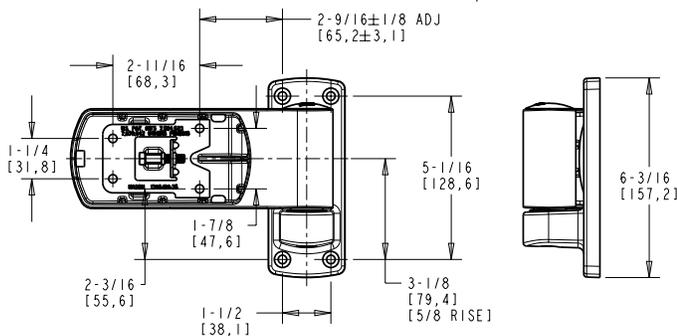
- Strap adjusts horizontally, providing door lift and rotation to compensate for sag over time.
- Built-in spring action is standard.
- Time-tested cam-rise technology assists closing and reduces gasket wear, even with uneven floors. 1346S has 40% more rise than traditional on-rise hinges to magnify the benefit.
- Flange has a removable cap, allowing lift-off of door without removing hinges.
- Left and right hand hinges use the same component parts for faster mounting and replacement.
- Covers mount securely over hinge mechanism to keep out dirt and debris.
- Performer 1346S meets NSF/ANSI Standard 2 for food equipment components.
- Spacer shims available for strap and flange to maintain alignment of pivot centerlines when kick plates are used under the lower hinges. Proper pivot alignment eliminates binding and unwanted hinge wear and tear.



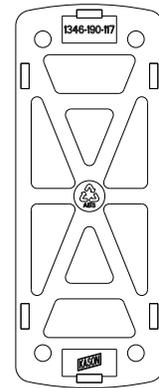
U.S. Patent Nos: D719,809; 7,945,996; 8,800,109; 9,140,045; 9,146,574; 9,493,973; 7,870,642 & 7,584,523



FLUSH



STRAP SPACER



FLANGE SPACER

1346S PERFORMER HINGE

SPECIFICATIONS

MATERIAL

Stainless steel flange with nylon cam, stainless steel strap, and elastomer insert cover (also available in stainless steel; see note on following page)

FINISH

Satin with black accents. Custom colors and/or patterns available, based on volume commitment.

PACKAGING

4 each

ADJUSTMENT

Each strap adjusts $\pm 1/8"$ to provide $1/4"$ + height adjustment. To adjust, loosen main clamping bolts, jack door using micro adjustment screw and tighten clamping bolts.

MOUNTING

Drilled for $1/4"$ (6mm) screws

LOAD RATING

Refer to Kason's Walk-in Hardware catalog section, Hinge Selector Load Chart, page B38, Group D



Easy adjustment by one person, open door to make adjustments

PERFORMER CONTEMPORARY HINGE

1346S ADJUSTABLE HINGE

Model No.	Item	Base Style	Offset	Cover Style	Finish	Qty./Carton	Wgt./Carton
11346S(W)(X)(Y)(Z)	Adjustable Hinge	See W Options In Table Below	See X Options In Table Below	See Y Options In Table Below	See Z Options In Table Below	4	See X Options In Table Below

Base		Offset		Cover		Finish	
W = 0	Light Spring	X = 0	14 lbs. (6.356 kg.)	Y = 0	Diamond Cover	Z = 5	Satin
1	Heavy Spring		17 lbs. (7.718 kg.)		Brushed		
9	No Spring						

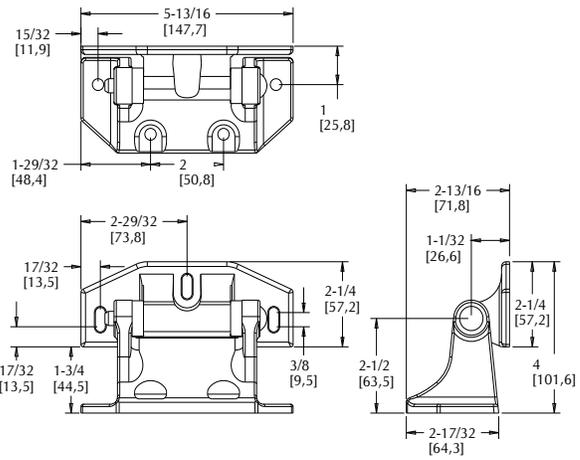
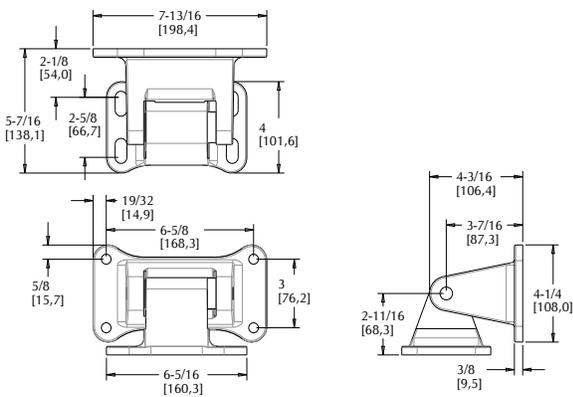
Model No.	Item
11346S00015	Flush Stainless Steel Hinge, Satin, Stainless Steel Cover
11346S00005	Flush Stainless Steel Hinge, Satin, Black Diamond Cover
91346001040095	Adjustment Bracket & Screw, Stainless Steel
11346001630097	Spring, Stainless Steel Compression
11346001380093	Stainless Steel Washer, 3/8 x 3/4 x /16 in



ITEM # 94



ITEM # 998



94 SUPER FREEZER HINGE



- Strong Tenzaloy hinge for doors with offsets of 5-1/4" (133.4 mm) or higher

SPECIFICATIONS

MATERIAL: Cast Tenzaloy	MOUNTING: Holes drilled for 3/8" (9.0mm) lag screws	PACKAGING: 2 each
FINISH: Zinc	LOAD RATING: See Hinge Selector Chart, Page B40, Group J	WEIGHT: 6.75 lb. (3.1kg) per carton

Model No.	Item
10094000004	Super Freezer Hinge

998 SUPER FREEZER HINGE



- Tough iron hinge for doors with offsets of 4" (101.6 mm) or higher.

SPECIFICATIONS

MATERIAL: Malleable iron	MOUNTING: Holes drilled for 5/16" (8.0mm) lag screws (not included)	PACKAGING: 12 each
FINISH: Zinc	LOAD RATING: See Hinge Selector Chart, Page B40, Group G	WEIGHT: 41 lb. (18.6kg) per carton

Model No.	Item
10998000004	Super Freezer Hinge



ITEM # 1398



1398 HEAVY DUTY EDGEMOUNT CAM RISE HINGE

- Edge mount for full overlap doors
- Slotted holes allow gasket adjustment.
- Built-in cam gently raises the opening door to reduce friction and gasket wear. Holds open door beyond 150°.
- Furnished right hand; can be reversed.

SPECIFICATIONS

MATERIAL:
High pressure die-cast zinc; nylon cam and follower

FINISH:
See order information below

OFFSET:
See order information below

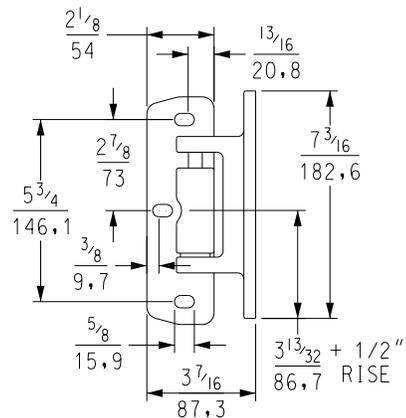
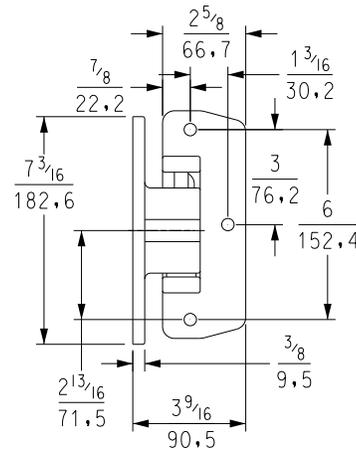
MOUNTING HOLES:
Drilled for 3/8" (9.5mm) screws (not included)

LOAD RATING:
See Hinge Selector Chart, Page B40, Group G,

PACKAGING:
8 each

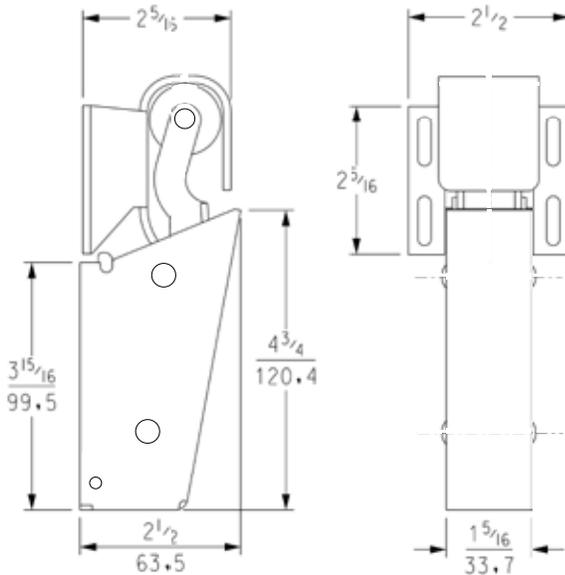
WEIGHT:
Approx. 28 lb. (12.7kg) per carton

Model No.	Item	Offset	Finish
11398000008	Hinge	2-1/2" to 3 1/2" (63.5 mm to 88.9 mm)	Powder Coat
11398000012	Hinge	2-1/2" to 3 1/2" (63.5 mm to 88.9 mm)	Chrome
11398000016	Hinge	3-1/2" (88.9 mm) or greater	Powder Coat
11398000020	Hinge	3-1/2" (88.9 mm) or greater	Chrome



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ITEM # 1095



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Hook sold separately.

1095 SPRING ACTION DOOR CLOSER

- Operates by direct force adding to natural swing momentum of closing door
- Designed to overcome slowing action of gaskets and air pressure
- Provides fast, full closure for heavy walk-in doors
- Easy installation; simply snaps onto concealed mounting plate.
- Simple spring mechanism gives long, trouble-free life.
- Steel housing and bend-resistant hook assure long wear in heavy use.
- Polymer roller ensures quiet operation.
- Ideal complement for Kason Walk-in door hardware to provide self-closing doors.

SPECIFICATIONS

MATERIAL:
Steel housing and mounting plate. Housing and hook also available in stainless steel

MOUNTING HOLES:
Drilled for No. 10 (5.0mm) screws (included)

FINISH:
Bright chrome. Available in powder coat and stainless steel

PACKAGING:
Closers and hooks packaged separately; 24 to carton

WEIGHT:
See order information

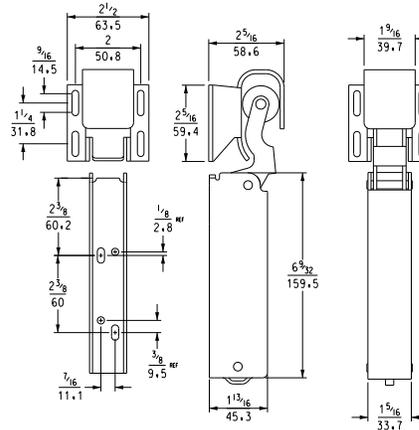
Model No.	Item	Wgt/Carton
11095000013	Steel Closer	30.0 lb (13.6 kg)
11094000026	Adjustable Wide-Hook, Flush	10 lb. (4.5kg)
11094000027	Adjustable Wide Hook, Offset	13 lb. (5.9kg)
11094000926	Adjustable Stainless Steel Wide-Hook, Flush to 3/4" (0.0-19.1 mm) Offset	10 lb. (4.5kg)
11094000927	Adjustable Stainless Steel Wide-Hook, 7/8"-1-5/8" (22.2-41.3 mm) Offset	13 lb. (5.9kg)
11095000093	Stainless Steel Closer	30.0 lb (13.6 kg)

**ITEM # 1094
CONCEALED
MOUNTING**



® U.S. Trademark 3,212,100

CONCEALED FLUSH



**1094 SURECLOSE™
HYDRAULIC DOOR
CLOSER**

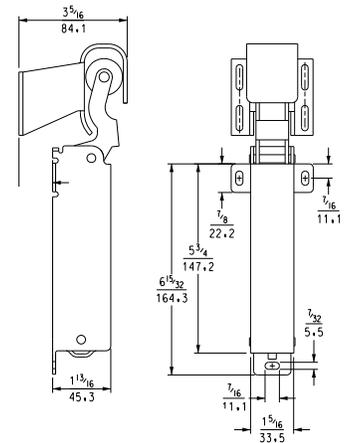
- Powerful gas-loaded hydraulic cylinder guarantees controlled closure.
- Exposed and concealed mounting models
- Solid steel enclosed housing and bend-resistant hook assure long wear in heavy use.
- Extra-wide hook ensures roller pick-up and overcomes alignment problems.
- Life-cycle tested to operate reliably even after a half-million closures.
- Kason walk-in hinges and latches where self-closing doors with controlled closure are needed.
- Mounting slots on hook allow for easy adjustment to compensate for door sag, keeping roller aligned with hook for proper function.

**ITEM # 1094
EXPOSED
MOUNTING**



® U.S. Trademark 3,212,100

EXPOSED OFFSET



**1094S DUAL-SPEED
CLOSER**

All the features of the 1094 SureClose, with the additional benefit of a specially developed snubbing mechanism. Initial fast closing action allows unit to withstand slamming force, while secondary, slower action provides gradual closing to lessen final impact.

Hook sold separately.

SPECIFICATIONS

MATERIAL:
Heavy gauge steel.
Housing and hook
also available in
stainless steel

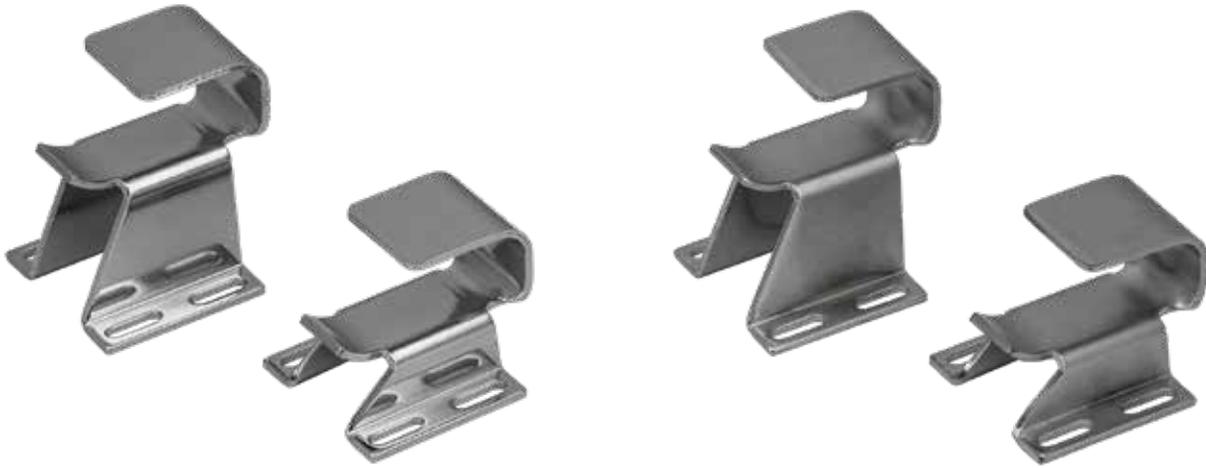
MOUNTING:
Holes drilled for
No. 10 (5.0 mm)
screws (included)

FINISH:
Polished or
brushed chrome,
stainless steel, or
powder coat

PACKAGING:
Closers and
hooks packaged
separately; 24 to
a carton

WEIGHT:
See order
information

Model No.	Item	Finish	Wgt/Carton
11094000002	Closer, Exposed Mounting	Brushed Chrome	35 lb. (15.6kg)
11094000003	Closer, Exposed Mounting	Polished Chrome	35 lb. (15.6kg)
11094000012	Closer, Concealed Mounting	Brushed Chrome	35 lb. (15.6kg)
11094000013	Closer, Concealed Mounting	Polished Chrome	35 lb. (15.6kg)
11094500003	Dual Closer, Exposed Mounting	Polished Chrome	35 lb. (15.6kg)
11094500012	Dual Closer, Concealed Mounting	Brushed Chrome	35 lb. (15.6kg)
11094S00013	Dual Closer, Concealed Mounting	Polished Chrome	35 lb. (15.6kg)
11094000093	Stainless Steel Closer, Concealed Mounting	Satin	35 lb. (15.6kg)
11094000026	Adjustable Wide-Hook, Flush to 3/4" (0.0-19.1 mm) Offset	Polished Chrome	10 lb. (4.5 kg)
11094000027	Adjustable Wide-Hook, 7/8"-1-5/8" (22.2-41.3 mm) Offset	Polished Chrome	13 lb. (5.9kg)
11094000026D	Adjustable Wide-Hook, Flush to 3/4" (0.0-19.1 mm) Offset	Brushed Chrome	10 lb. (4.5 kg)
11094000027D	Adjustable Wide-Hook, 7/8"-1-5/8" (22.2-41.3 mm) Offset	Brushed Chrome	13 lb. (5.9kg)
11094000926	Adjustable Stainless Steel Wide-Hook, Flush to 3/4" (0.0-19.1 mm) Offset	Satin	10 lb. (4.5 kg)
11094000927	Adjustable Stainless Steel Wide-Hook, 7/8"-1-5/8" (22.2-41.3 mm) Offset	Satin	13 lb. (5.9kg)



ITEM # 1094

1094 WIDE HOOK

- Wider hook
- Slotted mounting holes
- Compensates for door sag on doors without adjustable hinges
- Ease of alignment during installation and improved vertical adjustment

SPECIFICATIONS

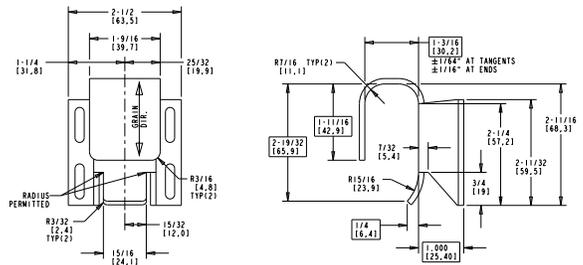
MATERIAL:
12 gage CRS (ASTM A1008)
chrome plated; 12 gage 300 series
stainless steel, satin finish

MOUNTING:
#10 screws

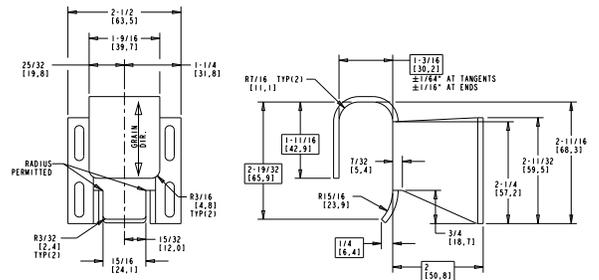
PACKAGING:
24 per carton

Model No.	Item	Finish	Wgt/Carton
11094000026	Adjustable Wide-Hook, Flush to 3/4" (0.0-19.1 mm) Offset	Polished Chrome	10 lb. (4.5 kg)
11094000026D	Adjustable Wide-Hook, Flush to 3/4" (0.0-19.1 mm) Offset	Brushed Chrome	10 lb. (4.5 kg)
11094000027	Adjustable Wide-Hook, 7/8"-1-5/8" (22.2-41.3 mm) Offset	Polished Chrome	13 lb. (5.9kg)
11094000027D	Adjustable Wide-Hook, 7/8"-1-5/8" (22.2-41.3 mm) Offset	Brushed Chrome	13 lb. (5.9kg)
11094000926	Adjustable Stainless Steel Wide-Hook, Flush to 3/4" (0.0-19.1 mm) Offset	Satin	10 lb. (4.5 kg)
11094000927	Adjustable Stainless Steel Wide-Hook, 7/8"-1-5/8" (22.2-41.3 mm) Offset	Satin	13 lb. (5.9kg)

Flush to 3/4" (0.0-19.1 mm) offset



7/8" to 1-5/8" (22.2-41.3 mm) offset



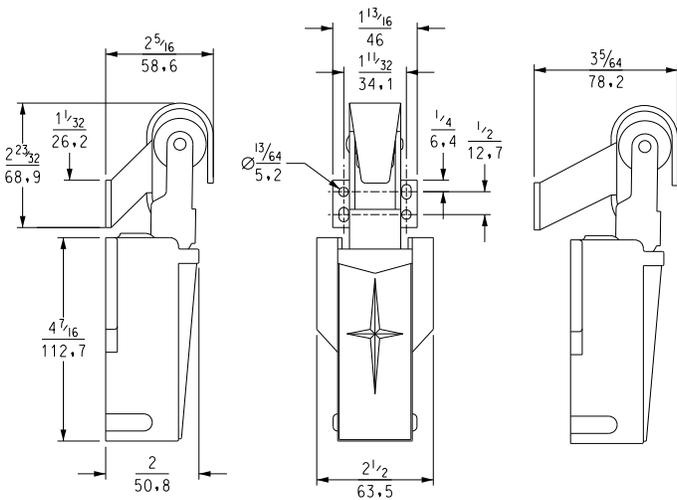
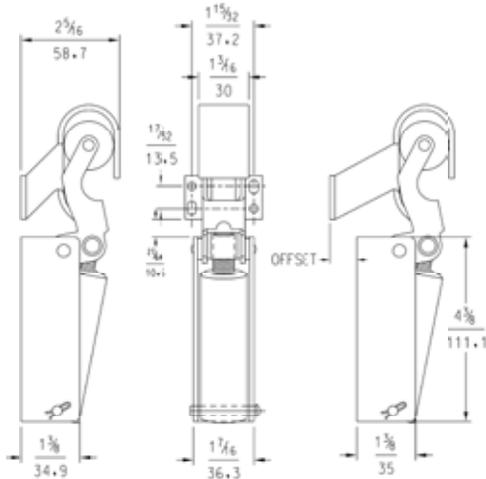
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ITEM # 1092



ITEM # 1093



1092 HYDRAULIC DOOR CLOSER

- Ideal for walk-in doors or boxes with merchandising doors to prevent pressure spikes that force open glass doors.
- Brakes movement, shuts door noiselessly and keeps it closed.
- Closes door opened as result of temperature-pressure build up.
- Long-wearing

SPECIFICATIONS

MATERIAL: Steel	PACKAGING: 8 per carton	MOUNTING HOLES: Drilled for No. 10 (5.0mm) screws (not included)
FINISH: Zinc plating	WEIGHT: Approx. 14.8 lb. (6.7kg) per carton	

Model No.	Item
11092000004	Closer with Flush to 3/4" (0.0-19.1 mm) Offset Hook
11092000008	Closer with 7/8"-1-5/8" (22.2-41.3 mm) Offset Hook

1093 HYDRAULIC DOOR CLOSER

- Quiet, efficient hydraulic closer
- Ivory plastic cover adds style

SPECIFICATIONS

MATERIAL: Steel	COVER: Ivory plastic	PACKAGING: 10 per carton
FINISH: Chrome	MOUNTING HOLES: Drilled for No. 10 (5.0mm) screws (sold separately)	WEIGHT: Approx. 13 lb. (5.9kg) per carton

Model No.	Item
11093000004	Closer with Flush to 3/4" (0.0-19.1 mm) Offset Hook
11093000008	Closer with 7/8"-1-5/8" (22.2-41.3 mm) Offset Hook



ITEM # 1098



GreenGuard®

1098 SPRING DOOR CLOSER

- Operates by direct force adding to natural swing momentum of closing door
- Designed to overcome slowing action of gaskets and air pressure
- Provides 15 lbs of closing force at strike.
- Simple spring mechanism gives long, trouble-free life.
- Rubber roller ensures quiet operation.
- Cover designed to match standard Performer hinge covers

SPECIFICATIONS

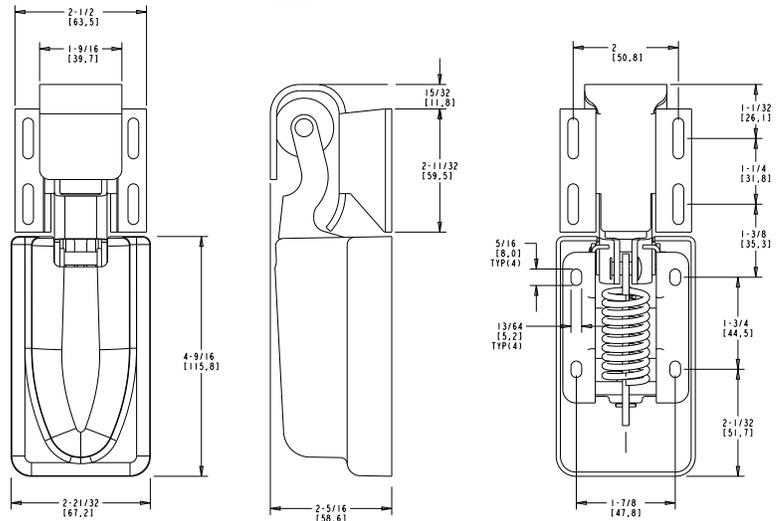
MATERIAL:
Steel housing and mounting plate. Housing and hook also available in stainless steel.

FINISH:
Bright chrome.

MOUNTING HOLES:
Drilled for No. 10 (5.0mm) screws (included)

PACKAGING:
Closers and hooks packaged separately; 24 to carton

WEIGHT:
See order information



Model No.	Item	Wgt/Carton
11098000004	Closer with Flush (0.0mm) Hook	30.0 lb (13.6 kg)
11098000008	Closer with 1-1/8" (28.6mm) Offset Hook	9.5 lb. (4.3 kg)
91098003650117G	Replacement Cover	9.5 lb. (4.3 kg)
11094000026	Adjustable Wide-Hook, Flush to 3/4" (0.0-19.1 mm) Offset Hook	10 lb. (4.5 kg)
11094000027	Adjustable Wide-Hook, 7/8"-1-5/8" (22.2-41.3 mm) Offset Hook	13 lb. (5.9kg)

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KASON DOOR CLOSERS



1096L



1096M

U.S. Patent No. D-869,128

1096 SPRING DOOR CLOSERS

- Provides closing assistance for hard to close doors (1096M)
- Provides closing assistance to move door off dwell (1096L)
- Accommodates left and right handed doors
- Works with cam rise and fixed pivot hinges
- Aluminum body for improved corrosion resistance
- Central shaft designed with nylon bushings for smooth operation
- Torque-limiting clutch prevents over torquing the spring (1096M)
- Strike capture wire retains power arm for safe operation (1096M)

SPECIFICATIONS

1096L
(2) torque settings
Maximum torque 35 in.-lbs.

MATERIALS
Mounting plate: Aluminum
Housing: Cast aluminum
Springs: Steel
Roller: Nylon
Roller guide: Cast aluminum
Hardware: Stainless steel
Torque adjuster: Cast aluminum

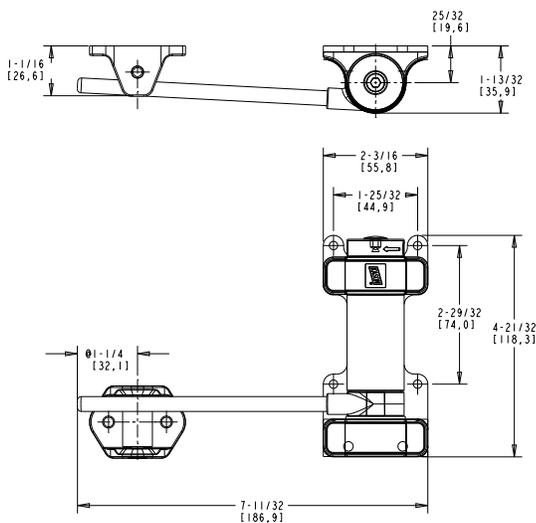
MOUNTING
Flush to 1-1/8" (28.6 mm) offset,
max door opening 180 degrees,
for offsets higher than 1-1/8"
a shim is required (not included)

1096M
(8) torque settings
Maximum torque 132 in.-lbs.

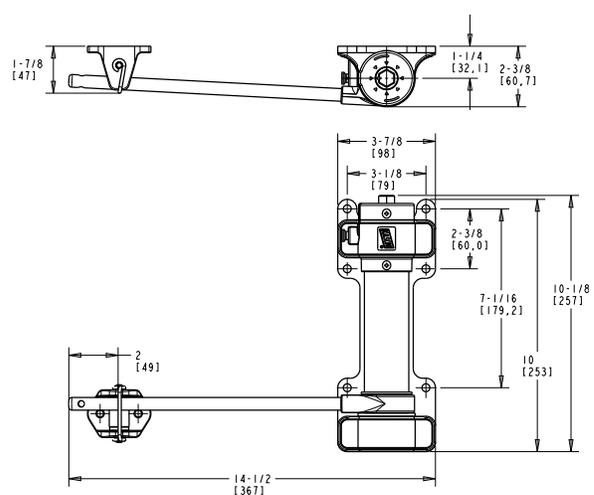
MATERIALS
Mounting plate: Aluminum
Housing: Cast aluminum
Springs: Steel
Roller: Nylon
Roller guide: Cast aluminum
Hardware: Stainless steel
Clutch: Aluminum bronze alloy
Indexing pin: Aluminum bronze alloy
Tube: Aluminum

MOUNTING
Flush to 2" (50.8 mm) offset, max door
opening 175 to 180 degrees depending
on hinge and offset

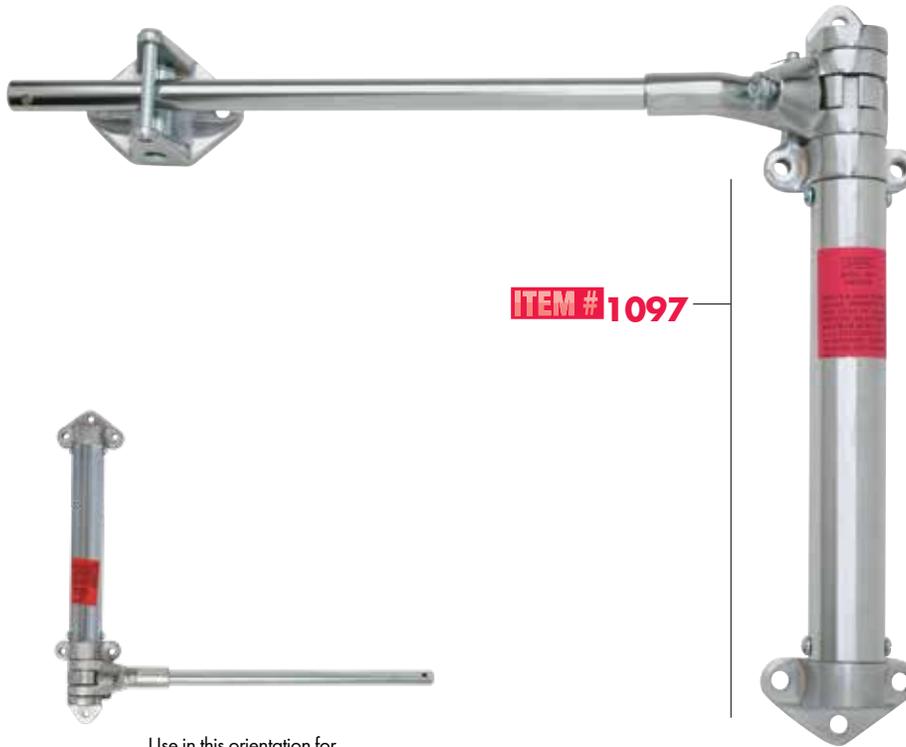
1096L



1096M



Model No.	Description
11096L00004	Adjustable Door Closer for Walk-In Cooler or Freezer, Door Width 30" to 36"
11096M00004	Adjustable Door Closer for Walk-In Cooler or Freezer, Door Width 36" to 60"
11096M00024	Through Bolt Mounting Kit – 4" Wall



Use in this orientation for left-hand doors.

1097 SPRING ACTION DOOR CLOSER

- High tension closer recommended for doors exceeding 200 lbs. (90.7kg)
- Spring tension can be set to close door under a wide range of conditions.
- Roller rod guide assures smooth operation with either rise or fixed pin hinges.
- Invert for left-hand applications

SPECIFICATIONS

MATERIAL:
Malleable iron with steel rod and tube.

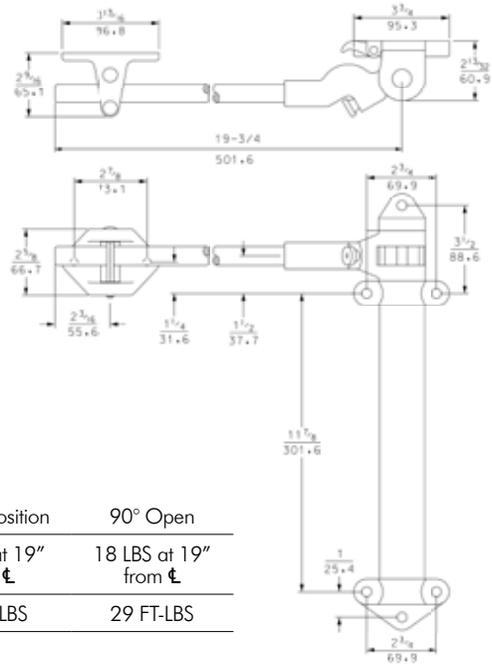
FINISH:
See order information.

OFFSET:
1-5/8" (41.28) maximum without shimming or special consideration. Consult factory on larger offsets.

MOUNTING:
Guide drilled for 1/4" (6.0mm) screws. Closer drilled for 3/8" (9.0mm) screws (included). Mount just above lower hinge for best results.

PACKAGING:
1 per carton.

WEIGHT:
Approx. 13.5 lb. (6.1kg) per carton.



	Closed Position	90° Open
Max Force Output	16 LBS at 19" from ϵ	18 LBS at 19" from ϵ
	25 FT-LBS	29 FT-LBS

Right hand orientation shown.

CAUTION:

For operator safety, Model No. 1097 door closer is intended to be used where high force is necessary to close heavy doors. Mount door closer as low as possible.

This is a high tension device. Improper use can lead to injury. Tension adjustment maximum wind up of 2-1/3 revolutions or 14 notches. Further winding may damage unit. Move pawl out of gear after winding. Do not use to hold door open.

LOW-TEMP MOTION SENSOR



ITEM # 1901A GreenGuard®



1901A MOTION SENSOR

- Specifically engineered for installation in walk-in coolers and freezers
- Uses electronic components to allow for reliable operation in extreme temperatures
- Features a gasketed water-tight enclosure which prevents moisture and dust from entering the sensor and affecting occupancy detection
- Operation: Passive infrared sensor detects motion and turns lights on at temperatures below freezing. Uses DIP switches to set time delay and PIR sensitivity
- Low Bay Sensor: High density optic lens set covers a 20 ft. (7.3 m) diameter with ceiling height up to 20 ft. (6.1 m)
- High Bay Sensor: Same as the low bay sensor except with ceiling height from 20 ft. (6.1 m) to 40 ft. (12.2 m)

SPECIFICATIONS

OPERATION

Passive infrared sensor detects motion and turns lights on at temperatures below freezing. Uses DIP switches to set time delay and PIR sensitivity

COVERAGE:

LOW BAY SENSOR: High density optic lens set covers a 24 ft. (7.3 m) diameter with ceiling height up to 20 ft. (6.1 m)

HIGH BAY SENSOR: Same as above except with ceiling height from 20 ft. (6.1 m) to 40 ft. (12.2 m)

MATERIAL:
Polycarbonate

VOLTAGE:
120 /277 V at 50/60 hz

LOAD:
120 V with 0-800 W ballast;
277 V with 0-1200 W ballast

TIME DELAY:

Convenient DIP switch adjusts from 10 seconds to 20 minutes after walk-in is exited. Factory set to 2 min

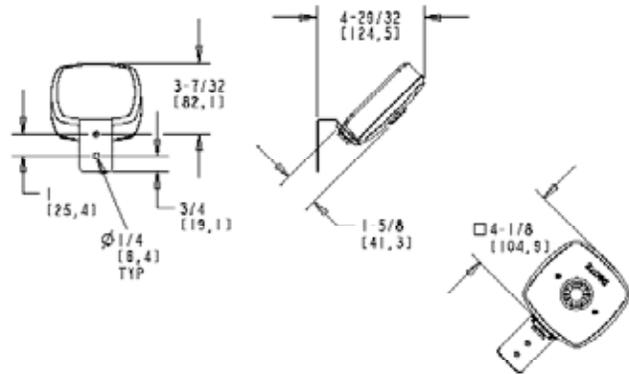
TEMPERATURE RATINGS:
-20°F (-28.9°C) minimum;
160°F (60°C) maximum

ELECTRICAL CONNECTION:
1/2" (12.7 mm) NPT thread,
13-1/2" (342.9 mm) AWG wire

MOUNTING:
Horizontal or vertical for use with all Kason light fixtures (Mounting kit included)

SAFETY STANDARDS:
IP65, UL-listed US and Canada for wet locations, and NSF

OTHER:
Suitable for wet locations. Fully gasketed and enclosed to minimize effects of temperature extremes.



Model No.	Description
11901A00005	Low Bay Sensor with Mounting Kit
11901A00007	High Bay Sensor with Mounting Kit
Above Packaging: 10 per Carton, approx. 7.5 lb. (3.4 kg)	



KasCalc™ LIGHTING ESTIMATOR SERVICE

- Convenient, computerized lighting estimate service
- Especially for OEM's and industrial designers
- Simplifies layout and selection of Kason lighting fixtures
- Includes photometric data and grid plans
- Contact your Kason representative to order your KasCalc™ plan



ITEM # 1802NL

1802NL LED SAFETY NIGHT LIGHT

GreenGuard.



- Always illuminated
- Safe illumination even when the main lights are turned off
- Small, can be mounted anywhere
- Easy to install and retrofit into new and existing fixtures
- Bright 100 lumen
- Clean, 4000K Color Temperature
- Threads into 1/2" NPT conduit or mounts in 7/8" diameter hole
- UL Listed "Lighting Fitting" E485640
- Designed for use Indoor/Outdoor – "Wet Location"
- Night light sold separately from light fixtures.
- Comes with a 2 year warranty



1802NL attached to 1808NM (left) and 1803 (right).
Fixtures sold separately from 1802NL.

SPECIFICATIONS

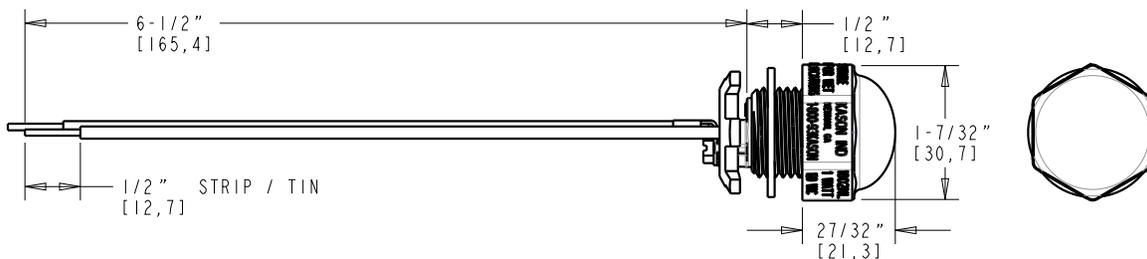
MATERIAL:
Lens – PC (Clear with UV inhibitor)
Housing – Aluminum
Gasket – Rubber
Wire – 6" long

TEMPERATURE RATINGS:
Operating temperature:
-40°F [-40°C] to 104°F [40°C].

SAFETY STANDARDS:
RoHS
UL listed US and Canada,
File No. E485640

ELECTRICAL:
100 Lumens/Watt
120 vac 60 Hz

Model No.	Item
11802NL0100	1 Watt LED Night Light



INCANDESCENT REFRIGERATION LIGHTING



ITEM # 1802 LG WITH 1802-2 WIRE GUARD



ITEM # 1803 LG



ITEM # 1804 LG



ECONOMICAL VAPOR PROOF FIXTURES FOR WALK-IN COOLERS AND FREEZERS

- Fully gasketed and enclosed to minimize effects of temperature extremes
- Junction box has two tabs for surface mounting
- Base tapped on four sides and top to accept standard 1/2" (12.7 mm) conduit
- Four threaded plugs provided to seal unused conduit openings.
- Ground screw provided

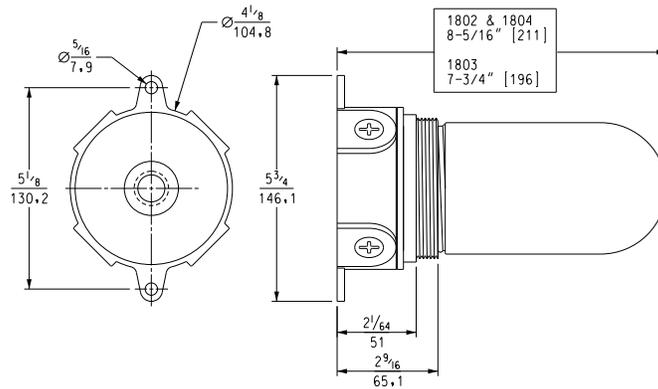
SPECIFICATIONS

MOUNTING:
Surface mounts; drilled for two mounting screws. Five conduit ports accept 1/2" pipe thread (3/4" thread special order).

UL LISTING:
File No. E57013

MATERIAL:
Cast aluminum box, housing and plugs; chrome-plated steel wire guard. Globe as specified in ordering information.

PACKAGING/WEIGHT:
See order information



Model No.	Item	Lamp Accepted (not included)	Qty/ Carton	Wgt/ Carton
1180200001	Glass Globe	-	25	24 lb. (10.9kg)
1180200002	Wire Guard Chrome	-	50	22 lb. (10.0kg)
1180200003	Junction Box	100W Max.	25	25 lb. (11.3kg)
11802LG0000	Vaporproof Fixture with Glass Globe	100W Max.	25	69 lb. (31.3kg)
1180300001	Lexan Globe	-	25	6 lb. (2.7kg)
1180300003	Junction Box	75W Max.	25	25 lb. (11.3kg)
11803LG0000	Vaporproof Fixture with Lexan Globe	75W Max.	25	37 lb. (16.7kg)
1180400001	Glass Globe	-	25	24 lb. (10.9kg)
11804LG0000	Vaporproof Fixture with Coated Globe	100W Max.	25	69 lb. (31.3kg)

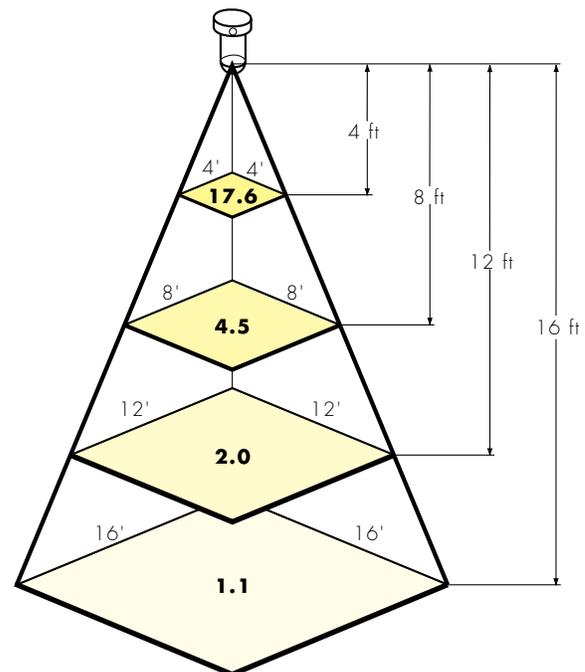
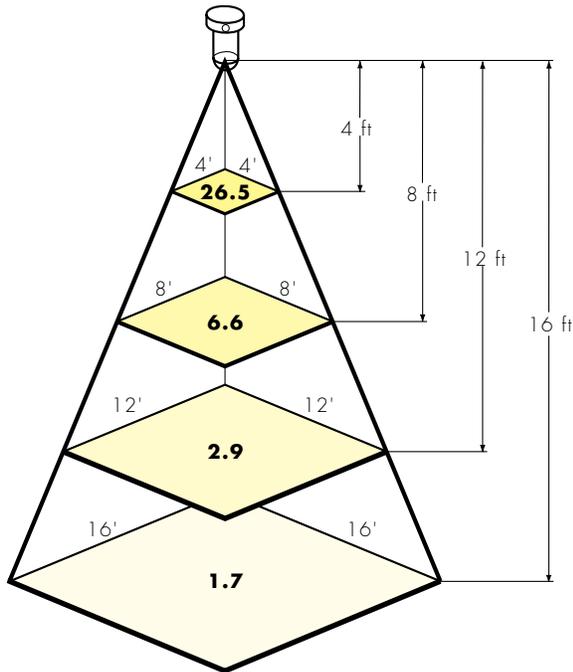
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1802, 1803 AND 1804 VAPOR PROOF LIGHT FIXTURES

LIGHT DISTRIBUTION FOR 1802 & 1804					
Height in Feet	Average Ft. Candles for Single Fixture Over Indicated Area				
	4' x 4'	8' x 8'	12' x 12'	16' x 16'	20' x 20'
4	21.3	15.8	11.7	8.9	7.0
5	14.4	11.5	9.0	7.1	5.7
6	10.3	8.7	7.1	5.8	4.8
7	7.8	6.8	5.7	4.8	4.0
8	6.0	5.4	4.7	4.0	3.4
9	4.8	4.4	3.9	3.4	3.0
10	3.9	3.6	3.3	2.9	2.6
11	3.3	3.1	2.8	2.5	2.2
12	2.7	2.6	2.4	2.2	2.0
13	2.4	2.2	2.1	1.9	1.8
14	2.0	2.0	1.8	1.7	1.6
15	1.8	1.7	1.6	1.5	1.4
16	1.6	1.5	1.4	1.4	1.3
17	1.4	1.3	1.3	1.2	1.1
18	1.2	1.2	1.2	1.1	1.0
19	1.1	1.1	1.0	1.0	1.0
20	1.0	1.0	1.0	0.9	0.9

LIGHT DISTRIBUTION FOR 1803					
Height in Feet	Average Ft. Candles for Single Fixture Over Indicated Area				
	4' x 4'	8' x 8'	12' x 12'	16' x 16'	20' x 20'
4	17.6	31.1	9.7	7.4	5.8
5	11.9	9.5	7.4	5.9	4.7
6	8.5	7.2	5.9	4.8	3.9
7	6.4	5.6	4.7	3.9	3.3
8	5.0	4.5	3.9	3.3	2.8
9	4.0	3.6	3.2	2.8	2.4
10	3.2	3.0	2.7	2.4	2.1
11	2.7	2.5	2.3	2.1	1.9
12	2.3	2.2	2.0	1.8	1.6
13	1.9	1.9	1.7	1.6	1.5
14	1.7	1.6	1.5	1.4	1.3
15	1.5	1.4	1.3	1.3	1.2
16	1.3	1.3	1.2	1.1	1.0
17	1.1	1.1	1.1	1.0	0.9
18	1.0	1.0	1.0	0.9	0.9
19	0.9	0.9	0.9	0.8	0.8
20	0.8	0.8	0.8	0.8	0.7



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1806 SERIES VAPOR-PROOF COMPACT FLUORESCENT LIGHT FIXTURE MEETS FEDERAL ENERGY REGULATIONS FOR WALK-INS

- GU24 socket provides sustainable, energy efficient alternative to standard incandescent walk-in fixtures.
- Proven self-ballasted compact fluorescent technology provides an economical solution to satisfy new federal energy reduction mandate for 2009.
- 26W fluorescent fulfills Energy Act requirement of 40 lumens per watt.
- Compact fluorescent lamp uses about 75% less energy than incandescent 100W bulb and lasts up to 10 times longer.
- Connects with standard electrical wiring.
- Available with clear polycarbonate or coated glass globe.
- Model No.1806-10 retrofits to existing Kason No.1802LG, 1803LG and 1804LG junction boxes.
- Meets NSF and UL requirements.

SPECIFICATIONS

MATERIAL:
Die-cast aluminum box, housing and plugs. Clear polycarbonate or coated glass globe

ELECTRICAL:
GU24 base accepts one lamp, 13W to 26W maximum, 120 VAC. Ground screw provided. Accepts standard wiring

LAMP:
26W lamp; 10,000 Hr. life, +60 lumens per watt, 4100K. See Light Distribution table on following page.

TEMPERATURE RATINGS:
Supply lead 140° F (60° C) minimum. Instant start at -20° F (-29° C), 3 minutes to full luminescence

MOUNTING:
Surface mounts with two tabs drilled for mounting screws. Five conduit ports accept 1/2" (13mm) or 3/4" (19mm) pipe thread. Four threaded plugs supplied to seal unused conduit openings (3/4" conduit special order)

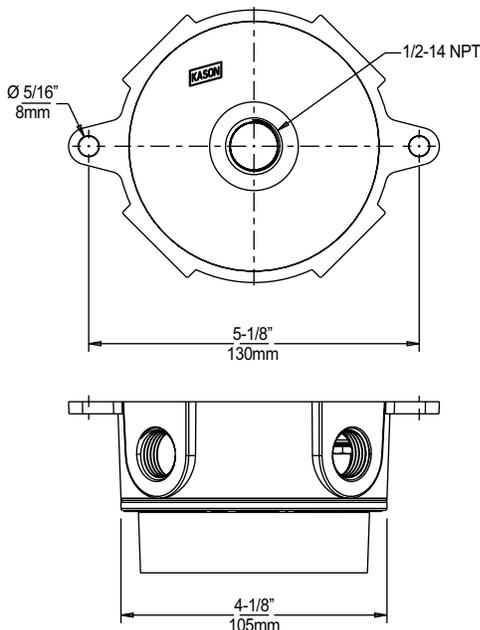
SAFETY STANDARDS:
NSF component.
UL Listed US and Canada, File Nos. E213129 & E317316

OTHER:
Suitable for wet locations. Fully gasketed and enclosed to minimize effects of temperature extremes

Order fixtures and lamps separately. See table below

ITEM # 1806

GreenGuard

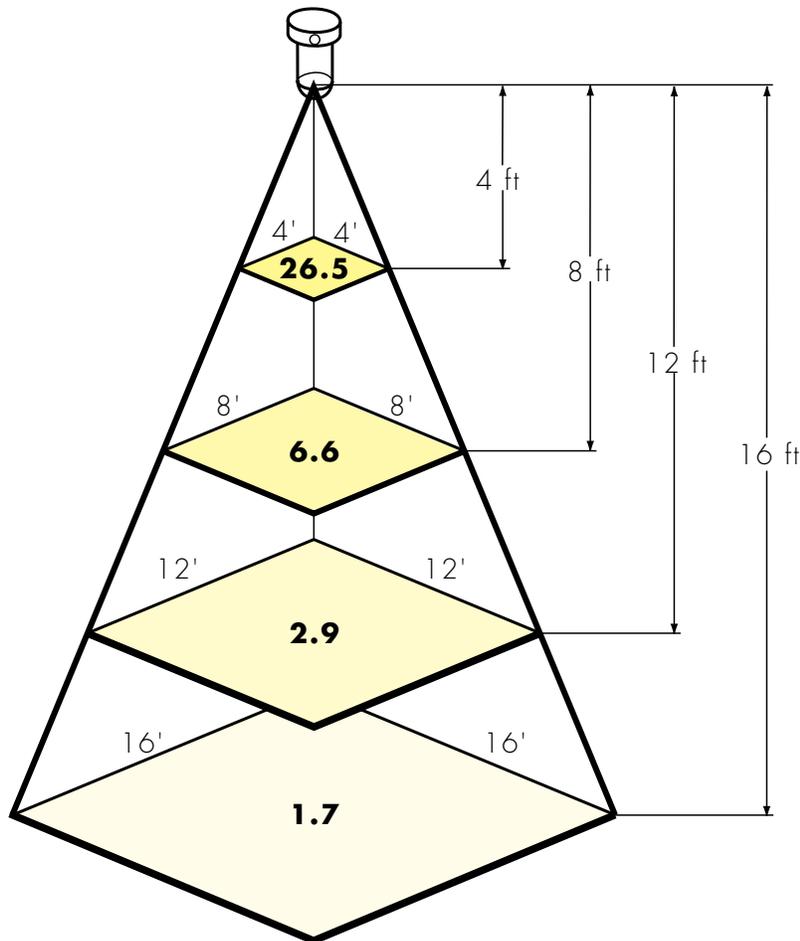


Model No.	Item	Qty/ Carton	Wgt/Carton
11806LG0000	Fixture with Lexan Globe & 1/2" NPT	25	49 lb. (22kg)
11806000010	Retrofit Kit for 1802LG, 1803LG & 1804LG Fixtures	50	20 lb. (9kg)
11806LG0LMP	Fixture with Lexan Globe & 1/2" NPT & Lamp 4100K	25	59 lb. (27kg)
91806SC2641	26W SB CFL Lamp 4100K	50	14 lb. (6kg)

1806 SERIES LIGHT DISTRIBUTION AT 40° F

LIGHT DISTRIBUTION FOR 1806					
Height in Feet	Average FC for Single Fixture Over Indicated Area				
	4' x 4'	8' x 8'	12' x 12'	16' x 16'	20' x 20'
5	14.4	9.4	5.4	3.5	2.4
8	6.0	6.6	4.0	2.7	2.0
9	-	-	3.7	2.5	1.9
12	-	-	2.9	2.1	1.6
13	-	-	-	2.0	1.5
16	-	-	-	1.7	1.3
17	-	-	-	-	1.2
20	-	-	-	-	1.1

Figures above are for 40° F room after warmup. Multiply by .50 for 0° F and .25 for -20° F.



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1807LC-A10



1807LCR-A10



1807LW-A10



1807LWR-A10



U.S. Patent Nos. D728,151; 748,317; & D748,841

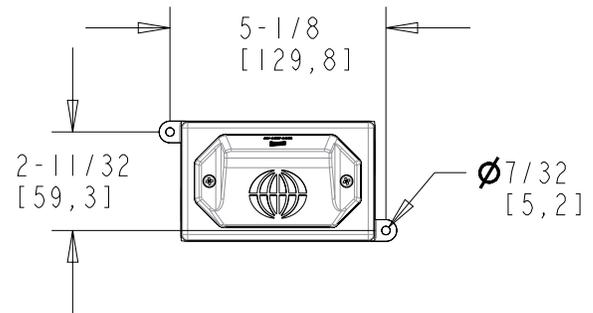
1807LC-A10 & 1807LW-A10 LED FIXTURES

- Low profile high impact Lexan lens with anti-glare technology
- Wall mount design directs light into aisle for better visibility of product on shelves
- Junction box with 12 cubic inches of wiring volume with ground boss provided
- Exceeds Federal Energy Act requirements
- Rated for 50,000+ hours of life
- Designed for wet location cooler/freezer environments
- Quick disconnect provided for easy replacement or upgrade at end of life
- 3 year limited warranty on the light engine

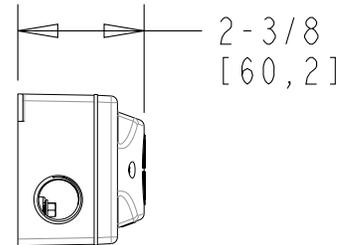
SPECIFICATIONS

MATERIAL Housing/Heatsink: Die cast aluminium	MOUNTING Surface mount
ELECTRICAL 120 VAC only @ 50/60Hz. +100 Lumens/Watt 4000K color temperature Watts: 12 W .99A	SAFETY STANDARDS RoHS UL Listed US and Canada, File No. E333932 NSF
OPERATING TEMPERATURE -20°F to 77°F (-29°C to 25°C)	PRISON PACKAGE Tamper resistant fastener kit option available.

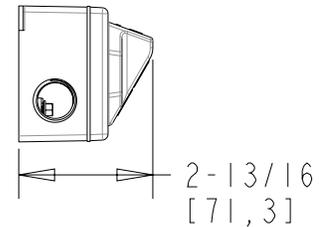
Model No.	Description	Weight	Qty/ Carton
11807LC0A10	12 Watt, 120 VAC, 4000K Domed LED Fixture	.75 lbs./unit	25 ea.
11807LW0A10	12 Watt, 120 VAC, 4000K Angled LED Fixture	.75 lbs./unit	25 ea.
11807LCRA10	12 Watt, 120 VAC, 4000K Recessed LED Fixture	.35 lbs./unit	50 ea.
11807LWRA10	12 Watt, 120 VAC, 4000K Angled Recessed LED Fixture	.35 lbs./unit	50 ea.
91807000357	Tamper Resistant Screw Kit		



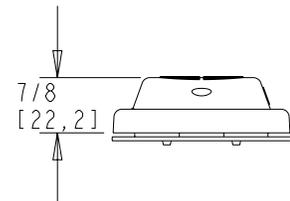
1807LC-A10



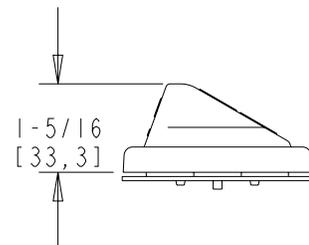
1807LW-A10



1807LCR-A10



1807LWR-A10

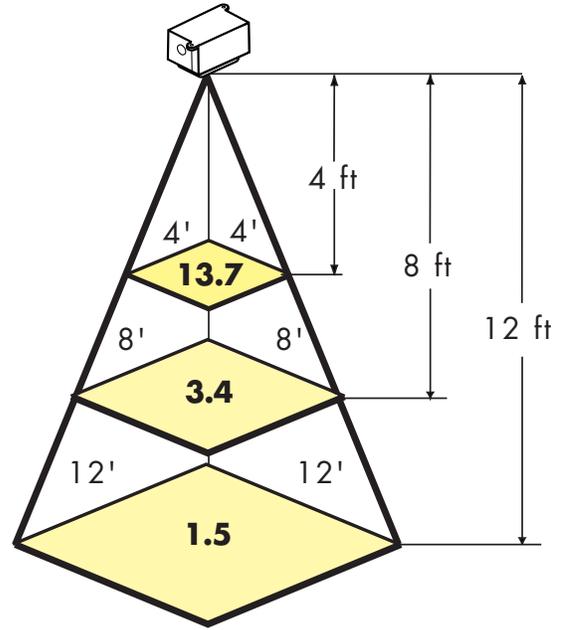


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1807LC-A10 & 1807LCR-A10 LED LIGHT DISTRIBUTION

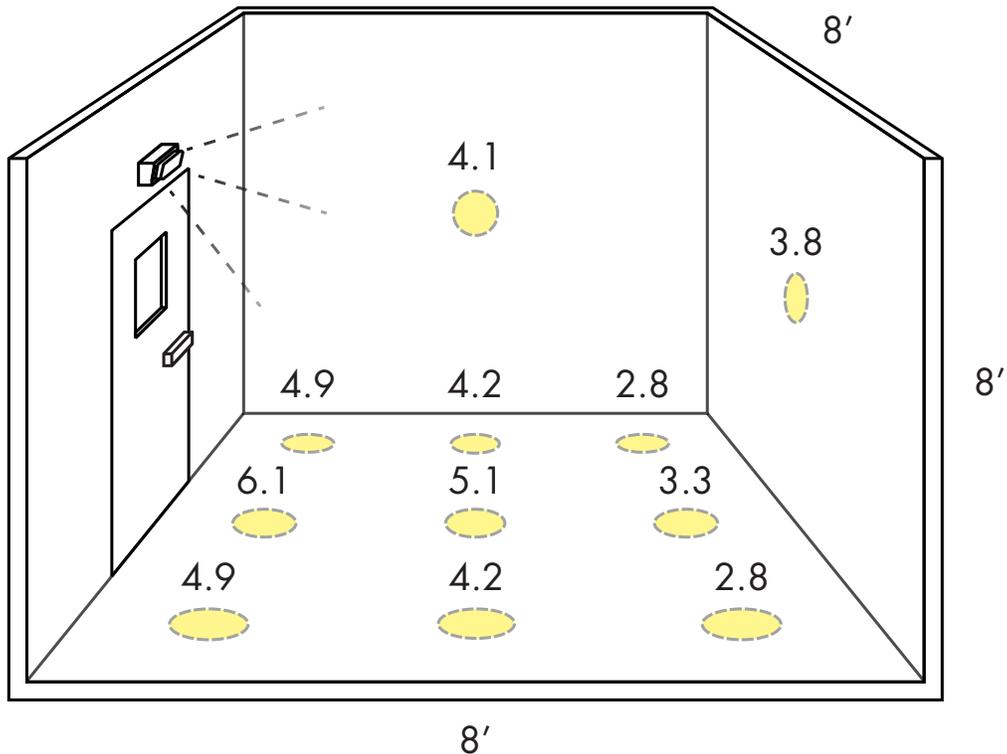
LIGHT DISTRIBUTION FOR 1807LC-A10 & 1807LW-A10

Height in Feet	Average FC for Single Fixture Over Indicated Area	
	8' x 8'	12' x 12'
5	4.9	2.8
8	3.4	2.1
9	-	1.9
12	-	1.5



1807LW-A10 & 1807LWR-A10 LED LIGHT DISTRIBUTION

(Average FC)



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ITEM # 1808

U.S. Patent No. 8,950,893; 9,546,782 and D-759,285



GreenGuard*



COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV = ISO 9001 =



1808 LED FIXTURE

- Low profile high impact Lexan globe with anti-glare technology
- Preferred fixture for replacing inefficient lighting
- Designed to reduce electrical usage by 85%
- Minimal heat generation will lower utility cost
- Exceed Federal Energy Act requirements
- Rated for 50,000+ hours of life
- 4000K color temperature
- Designed for damp/wet/cooler/freezer environments
- 5 year limited warranty on the light engine
- LM-79 tested

SPECIFICATIONS

MATERIAL:
Lexan lens, Aluminum Housing

1808-A100
1194 Lumens
120 VAC, 50/60Hz
92 Lumens/Watt
.11 Amps @ 120V
Watts: 13
Power factor: 0.98
CRI > 80

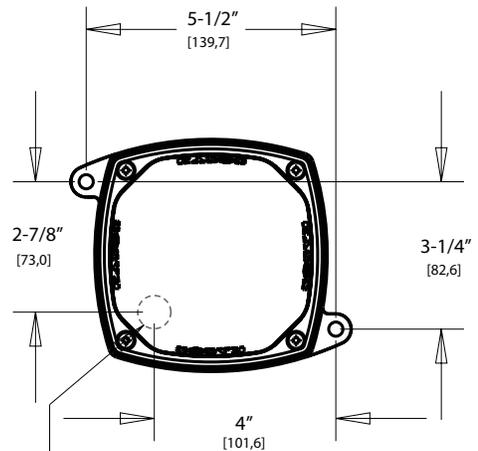
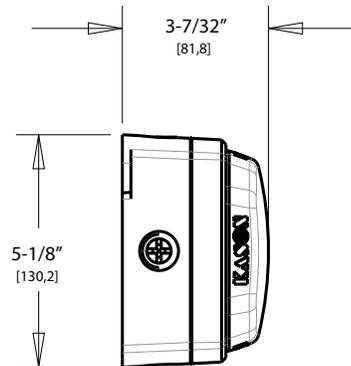
ELECTRICAL:
1808 and 1808CE
1355 Lumens
90-305 VAC, 50/60 Hz.
92 Lumens/Watt
.12 Amps @ 120V
Watts: 14.7
Power factor: 0.99
CRI 85

TEMPERATURE RATINGS:
Operating temperature:
-40°F [-40°C] to 104 °F [40°C].

MOUNTING:
Surface mount.

SAFETY STANDARDS:
RoHS
UL listed US and Canada,
File No. E333932
NSF Listed
IP-65
Energy Star Certified

PRISON PACKAGE
Tamper resistant
fastener kit option
available.

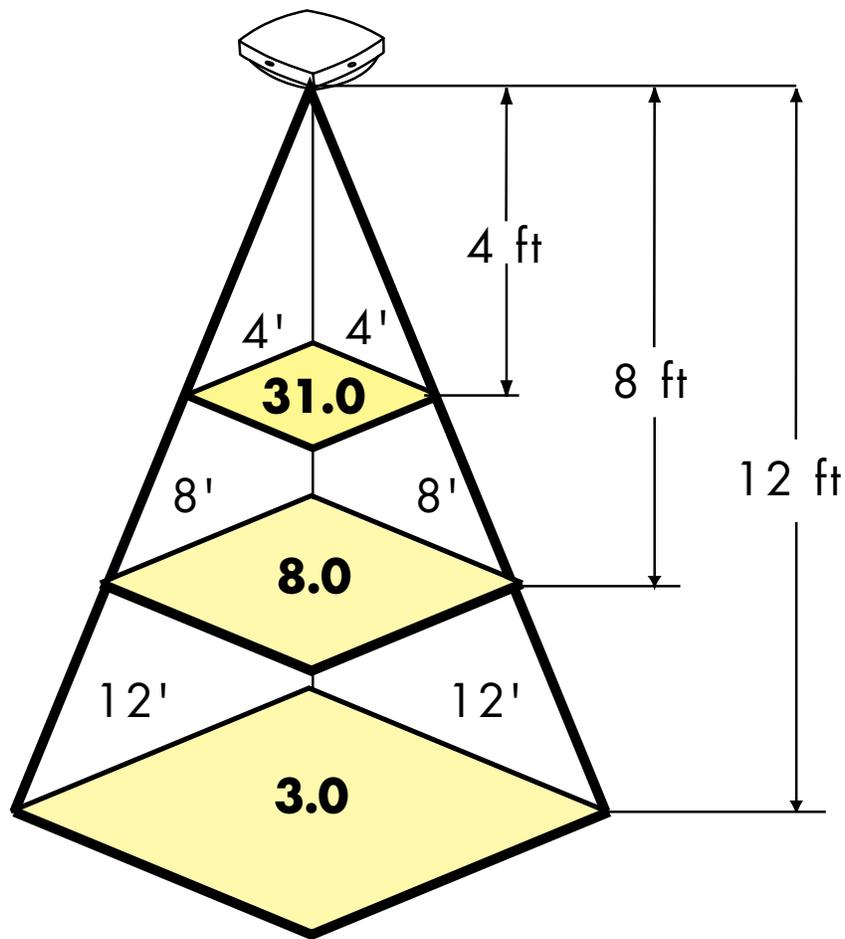


REAR 1/2" NPT
CONDUIT LOCATION
(5 TOTAL)

Model No.	Description	Weight	Qty/ Carton
11808000000**	14 Watt, VP, 120-277 V, LED Fixture	2.5 lb/ unit	12 ea.
11808CE0000**	14 Watt, VP, 120-277 V, LED Fixture, CE	2.5 lb /unit	12 ea.
1180800A100+	13 Watt, VP, 120 V, LED Fixture	2.1 lb /unit	12 ea.
91808000357	Tamper Resistant Screw Kit		
918080A1588	12 Watt, 120 V, Replacement Module		

1808 LED LIGHT DISTRIBUTION

LIGHT DISTRIBUTION FOR 1808 LED		
Height in Feet	Average FC for Single Fixture Over Indicated Area	
	8' x 8'	12' x 12'
5	11.0	6.0
8	8.0	5.0
9	-	4.0
12	-	3.0



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ITEM # 1808NMA

US Patent Nos: 9,546,782 & [D728,147]



ITEM # 1808FMA

US Patent Nos: 9,546,782 & [D728,150]



COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
= ISO 9001 =



1808NMA & 1808FMA LED FIXTURE

- Low profile high impact Lexan lens with anti-glare technology
- Wall-mount design directs light into aisle for better visibility of product on shelves
- Preferred fixture for replacing inefficient lighting
- Designed to reduce electrical usage by 85%
- Minimal heat generation will lower utility cost
- Exceed Federal Energy Act requirements
- Rated for 50,000+ hours of life
- Designed for damp/wet/cooler/freezer environments
- 5 year limited warranty on the light engine

SPECIFICATIONS

MATERIAL:
Lexan lens, Aluminum Housing

ELECTRICAL:
120 & 240 VAC, 50/60Hz.
110mA @ 120v (56mA @ 240V)
Power factor: 0.95
CRI 83

ITEM #1808NMA1:
13 Watts
1152 Total Lumens
88 Lumens/Watt

ITEM #1808FM:
13 Watts
1186 Total Lumens
91.5 Lumens/Watt

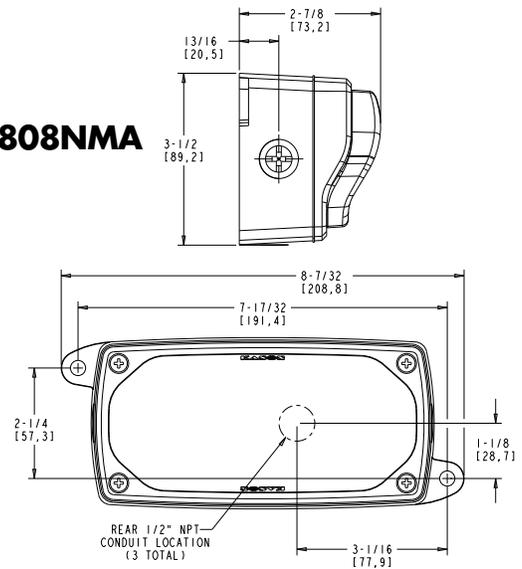
TEMPERATURE RATINGS:
Operating temperature:
-40°F [-40°C] to 77 °F [25°C]

MOUNTING:
Surface mount

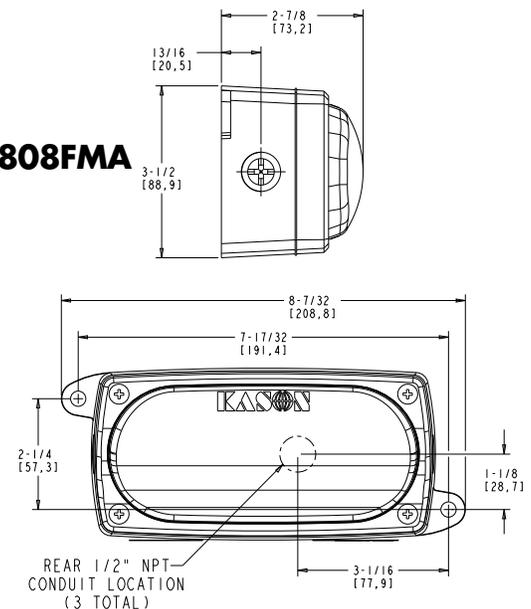
SAFETY STANDARDS:
RoHS
UL Listed US and Canada,
File No. E333932
NSF
IP-65

PRISON PACKAGE:
Tamper resistant fastener kit
option available

1808NMA



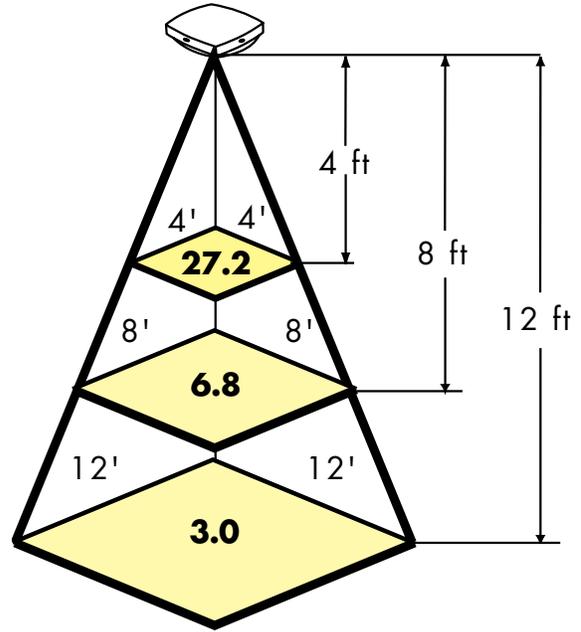
1808FMA



Model No.	Description	Weight	Qty/ Carton
11808FMA100	13 Watt, 120 V, LED Fixture	1.5 lb/unit	10 ea
11808FMA200	13 Watt, 240V, LED Fixture	1.5 lb/unit	10 ea
11808NMA100	13 Watt, 120 V, LED Fixture	1.6 lb/unit	10 ea
11808NMA200	13 Watt, 240 V, LED Fixture	1.6 lb/unit	10 ea
91808NM0357	Tamper Resistant Screw Kit		50 ea

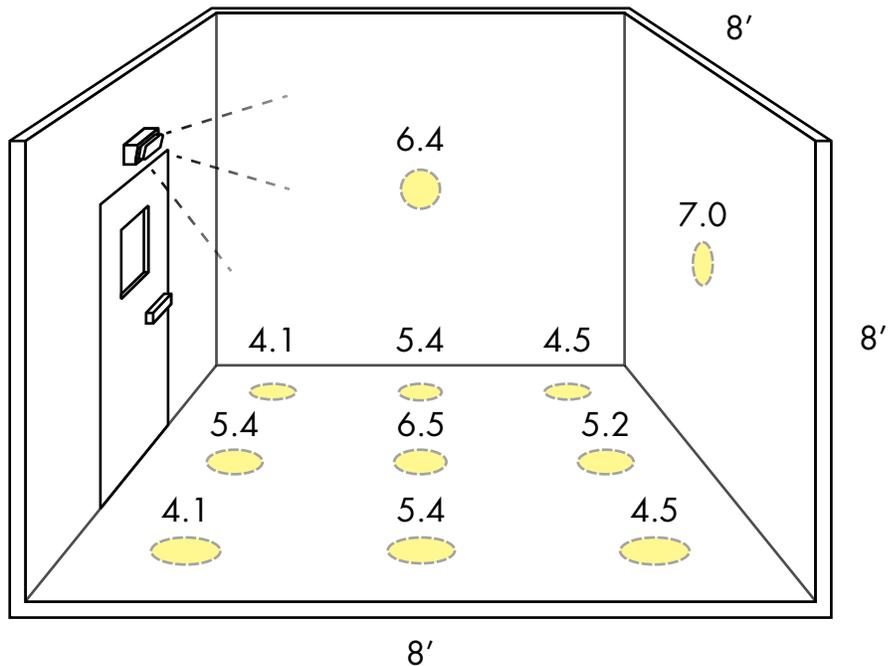
1808NMA & 1808FMA LED LIGHT DISTRIBUTION

LIGHT DISTRIBUTION FOR 1808FMA1 LED		
Height in Feet	Average FC for Single Fixture Over Indicated Area	
	8' x 8'	12' x 12'
5	9.3	5.1
8	6.8	4.0
9	-	3.7
12	-	3.0



1808NMA1 LED LIGHT DISTRIBUTION

(Average FC)

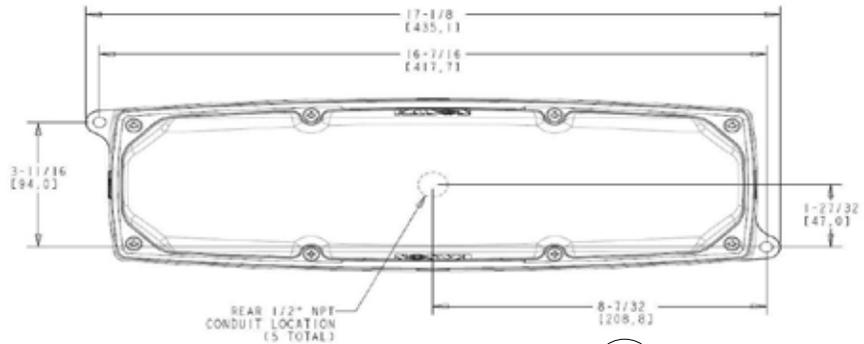
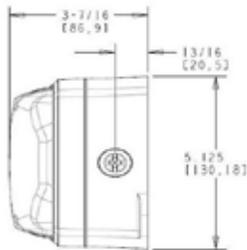


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U.S. Patent Nos: D-728,149; 8,950,893 & 9,546,782

ITEM # 1809



GreenGuard®



COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
= ISO 9001 =



1809 LED FIXTURE

- Compact size with up to the same lumens as the 4 ft. fixtures
- Low profile high impact Lexan globe with anti-glare technology
- Preferred fixture for replacing inefficient lighting
- Designed to reduce electrical usage by 85%
- Minimal heat generation will lower utility cost
- Exceed Federal Energy Act requirements
- Rated for 50,000+ hours of life
- 4000K color temperature
- Designed for damp/wet/cooler/freezer environments
- 5 year limited warranty on the light engine
- LM-79 tested, LM-80

SPECIFICATIONS

MATERIAL:
Lexan lens, Aluminum Housing

ELECTRICAL:
Lumens: 3450
120-277 VAC, 50/60Hz.
119 Lumens/Watt
.25 Amps @120v
Watts: 29 W
Power factor > 0.9
CRI 82.5

TEMPERATURE RATINGS:
-40°F [-40°C] to 77°F [25°C]

MOUNTING:
Surface mount

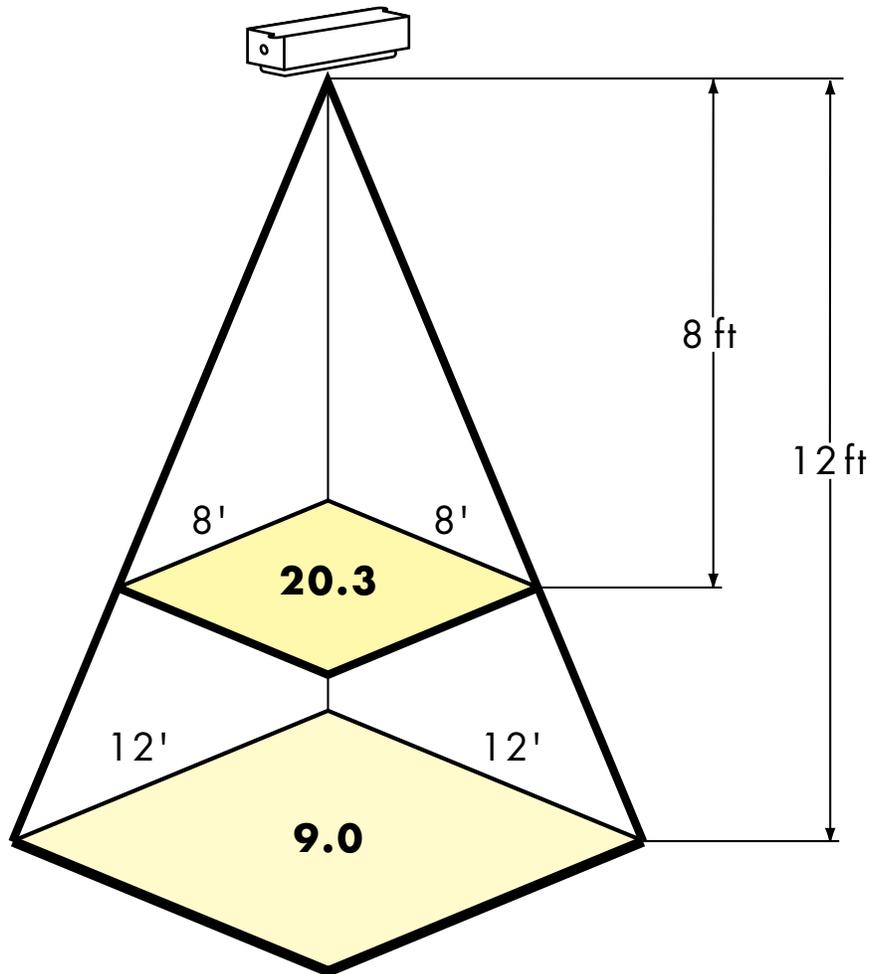
SAFETY STANDARDS:
RoHS
UL listed US and Canada,
File No. E333932
NSF

PRISON PACKAGE:
Tamper resistant fastener kit option
available

Model No.	Item	Weight
11809000003	29 (nominal) Watt, 120-277 V, LED Fixture, 3450 Lumens	4.1 lbs./unit
11809CE0003	29 (nominal) Watt, 220-240 V, LED Fixture, 3450 Lumens	4.1 lbs./unit
91809000357	Tamper Resistant Screw Kit	

1809 LED LIGHT DISTRIBUTION

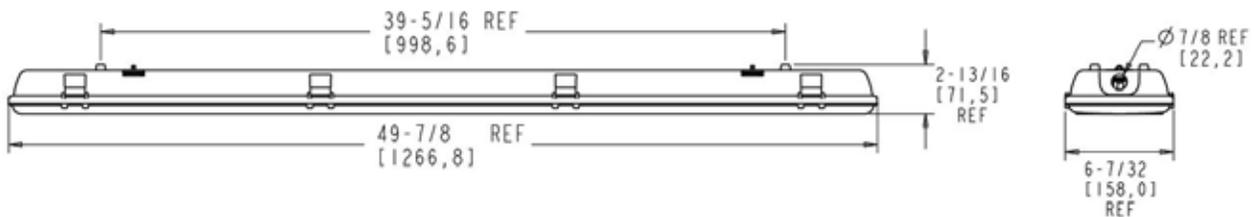
LIGHT DISTRIBUTION FOR 1809-3 LED			
Height in Feet	Average FC for Single Fixture Over Indicated Area		
	8' x 8'	12' x 12'	16' x 16'
5	27.8	15.2	9.6
8	20.3	11.9	7.8
9	-	11	7.4
12	-	9.0	6.2
13	-	-	5.9
16	-	-	5.1



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ITEM # 1810LX



1810LX4000 LED FIXTURE

- High output LED technology with best-in-class efficiency
- Designed for high ceilings and larger work rooms with greater foot candle requirements
- LED technology assures sustainable energy savings over the life of the fixture. Four-foot, vaporproof fixture is supplied complete with low energy LEDs.
- Payback in as little as six months. Reduced lighting wattage and heat generation lower utility cost. LED fixtures are rated +50,000 hr./life. Find your specific savings using the Kason Payback Calculator (Kas-Calc).
- Specifically designed for wet and low temperature environments. Operating temperature range from -40°F to 104°F (-40°C to 40°C). Luminaire meets IP-65 for wet and cold applications and is LM-79 and LM-80 tested.
- Reach full light level immediately even in lowest temperatures.
- Easily replaces less energy-efficient lighting.

SPECIFICATIONS

SIZE
Nominal O.D. 48". Dimensions:
49-7/8" L x 6-7/32" W
x 2-13/16" H
(1267 x 158 x 72 mm)

HOUSING
Injection-molded polycarbonate with integral gasket

DIFFUSER
Clear, molded high impact polycarbonate diffuser; stainless steel latches for easy access to lamps

E-Z MOUNTING
Attach two, snap-in brackets to ceiling; snap fixture in place, and wire

POWER
120 - 277VAC @ 50/60 Hz (universal voltage); one hole provided with knockout at opposite end. Three knockouts on back. Complies with NEC regulations UL listed

38 W
0.33 Amps
4548 Lumens
120 Lumens/Watt

PRISON PACKAGE
Tamper resistant fastener kit option available

Model No.	Item	Weight
11810LX4000	4' LED Light Fixture	6.3 lbs./fixture
91810EZ0357	Tamper Resistant Latch Kit (Qty 8)	
91810LX040R	LED Tray Light Engine, 40W	
91810LX0852	Diffuser	
91810EZ0356	Latch Assembly (Pack of 8)	

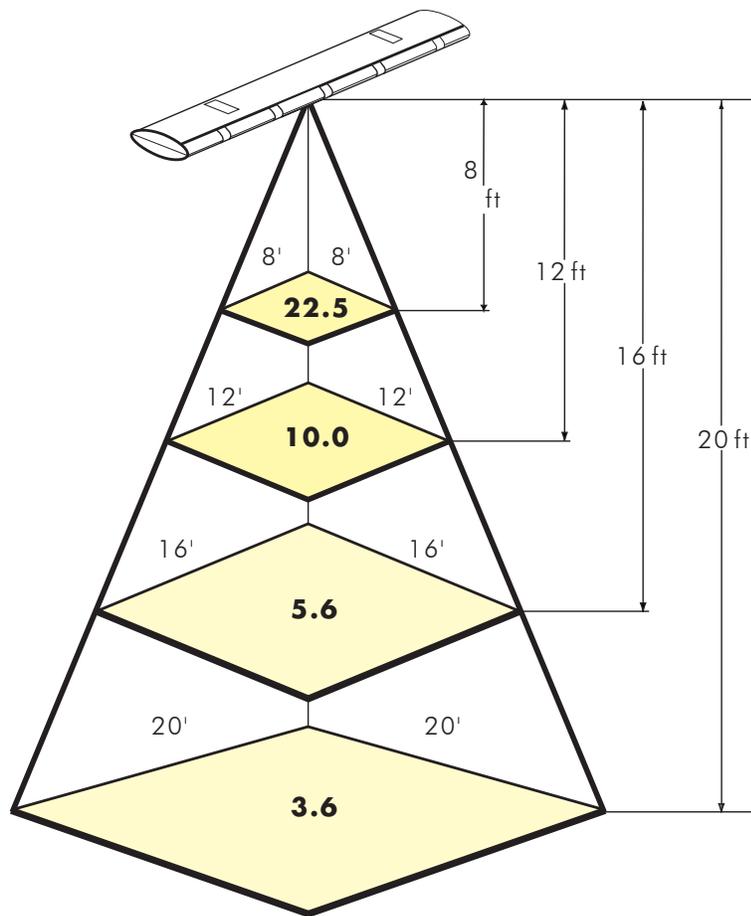
NOTE: Rebates apply through local utility companies.

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0620 LIT 001

1810LX4000 LED LIGHT DISTRIBUTION

Height in Feet	Average FC for Single Fixture Over Indicated Area			
	8' x 8'	12' x 12'	16' x 16'	20' x 20'
5	30.9	17	10.7	7.4
8	22.5	13.2	8.7	6.2
9	-	12.2	8.2	5.9
12	-	10.0	6.9	5.1
13	-	-	6.5	4.8
16	-	-	5.6	4.2
17	-	-	-	4.0
20	-	-	-	3.6



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0620 LIT 001



1810LC



GreenGuard.



- Exceptionally energy-efficient lighting
- Surface mounting brackets
- Extremely durable polycarbonate housing and lens
- Designed for walk-in coolers and/or freezers
- Operating temp -40°F to 104°F (-40°C to 40°C)
- Rated 50,000+ hours of life

SPECIFICATIONS

SIZE:

Nominal Overall Dimensions
 46-7/16" L x 4-23/32" W x
 3-9/32" H (1179,5 x 119,9 x
 83,3 mm)

LUMEN OUTPUT:

4550 Lumens
 110 Lumens/Watt
 Color Temp: 4000K
 CRI: 84

MATERIAL:

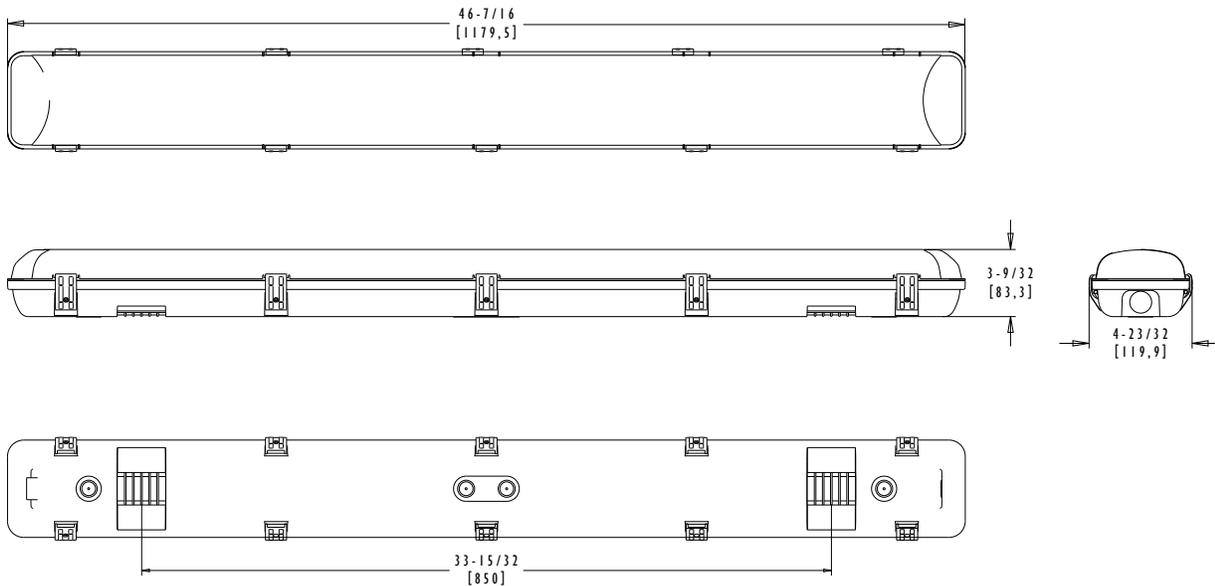
Diffuse: frosted UL approved
 UL94-HB rated, PC
 Housing: gray UL approved
 UL94-5VA rated, PC
 LED tray: white painted steel

CERTIFICATIONS:

UL approved for wet location
 NSF listed component
 IP-65

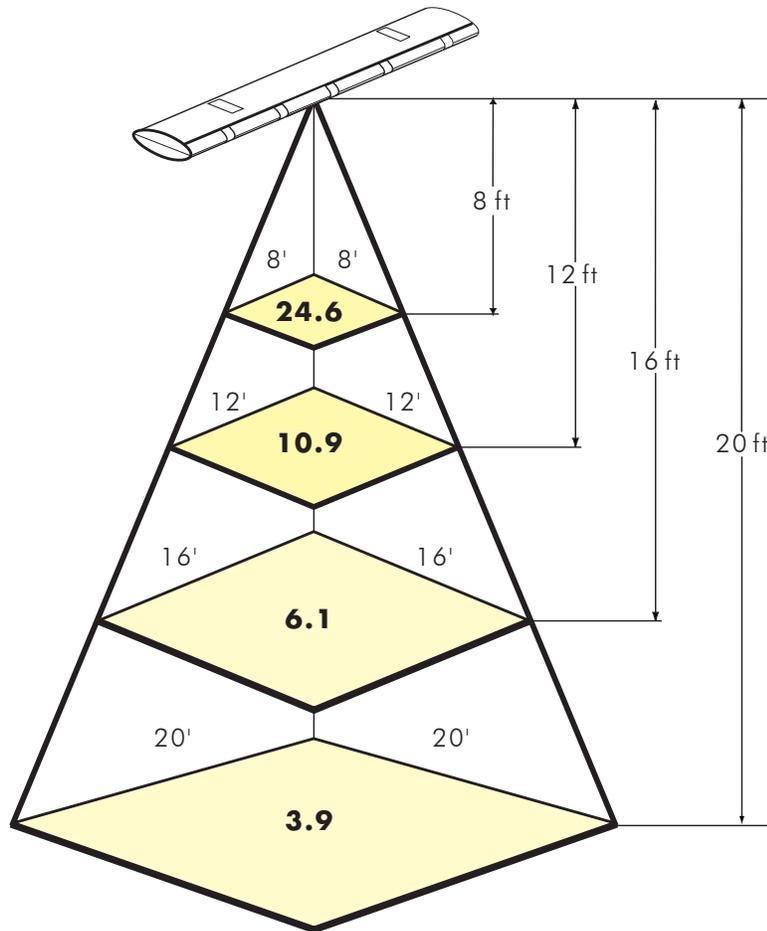
POWER:

Watts: 40W
 Volts: 120-277 VAC
 Amps: 0.4 A @120VAC
 PF: 0.99



1810LC4000 LED FIXTURE

LIGHT DISTRIBUTION FOR 4000 LED				
Height in Feet	Average FC for Single Fixture Over Indicated Area			
	8' x 8'	12' x 12'	16' x 16'	20' x 20'
5	33.7	18.6	11.8	8.2
8	24.6	14.4	9.6	6.8
9	-	13.4	9.0	6.5
12	-	10.9	7.5	5.5
13	-	-	7.1	5.3
16	-	-	6.1	4.6
17	-	-	-	4.4
20	-	-	-	3.9



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1806

1803

GreenGuard.



ROHS
COMPLIANT

1803 & 1806 SERIES LED WALK-IN COOLER/FREEZER FIXTURES

- For use in walk-in coolers and freezers
- High impact Lexan globe with anti-glare technology
- Preferred lamp for replacing inefficient incandescents & CFL.
- Designed to reduce electrical usage by 85%
- LM79 test results for fixture:
 - 1100 lumens
 - 86 lumens/watt
- Edison Base Socket or GU24 Socket.
- 4000K color temperature, CRI = 85
- Rated 25,000+ hour life
- 3-year limited warranty
- Nominal Power Supply Rating:
 - 11 Watts, 130mA @ 120V, 50/60 Hz
- Temperature Rating: Operating temperature: -20°F [-4°C] to 90°F [32°C]
- Bulb weight: 0.18 lb



1806LEDGU24



1803LEDA26



1806LEDGU24KT



1803LEDA26KT

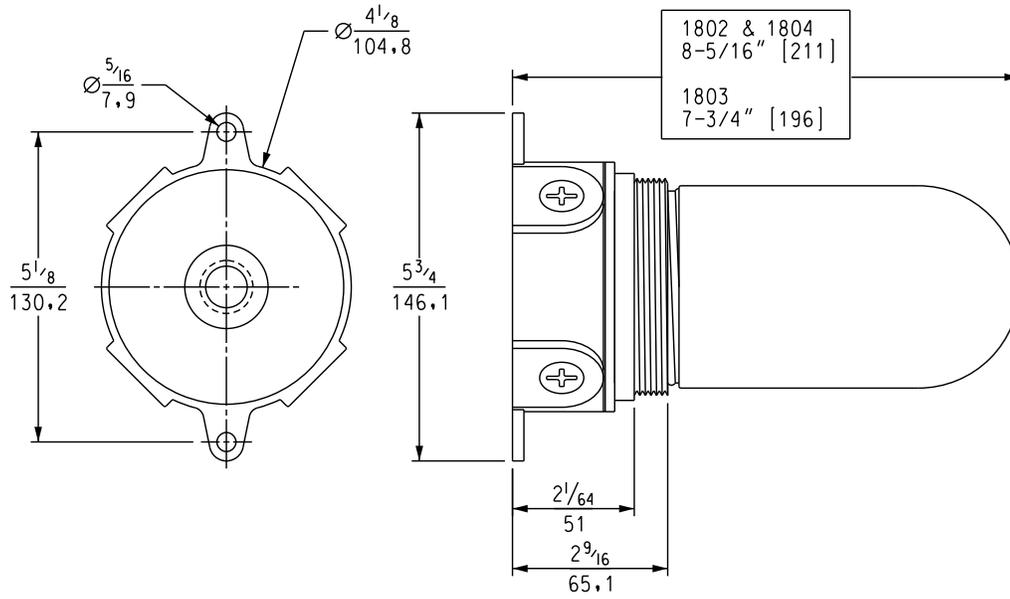


1802CAGU24

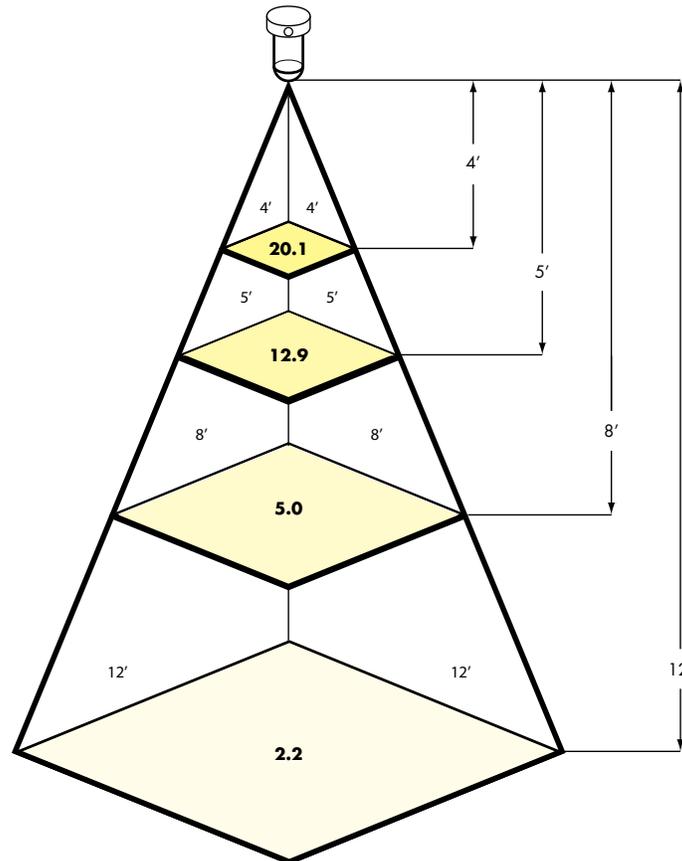


1802CA0E26

Model No.	Description	Master qty
Fixture, Lamp, And Globe		
11803LEDA26	Vaporproof LED Fixture With Lamp 11W E26	25
11806LEDGU24	Vaporproof LED Fixture With Lamp 11W GU24	25
Lamp, And Globe		
11803LEDA26KT	LED Lamp 11W E26 Type A Plus Globe	50
11806LEDGU24KT	LED Lamp 11W GU24 Type A Plus Globe	50
Lamp Only		
11802CAGU24	LED Lamp 11 watt GU24 Type A	50
11802CA0E26	LED Lamp 11 watt E26 Type A	50



1806 AND 1803 LED LIGHT DISTRIBUTION



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0620 LIT 001



ITEM # 1820



1820 LED HIGH BAY FIXTURE

- High output LED technology with best in class efficiency: 135 lm/watt
- Designed for high ceilings and larger workrooms with greater foot candle requirements
- Specifically designed for wet and low temperature environments. Operating temperature range from -20°F to 104°F 9 (-29°C to +40°C) Luminaire meets IP-54 for wet and cold environments and are LM-79 and LM-80 tested
- Payback in as little as 6 months. Reduced lighting wattage and heat generation lower utility costs
- LED fixture is rated for 50,000 hours and features a 5 year limited warranty
- Die cast Aluminum housing and polycarbonate lenses provide rugged durability
- Supplied with pressure port to optimize operation in cold environments
- Pre-wired with cord ready to install

SPECIFICATIONS

POWER
60W , 120-277 VAC
4000 CCT
>0.9 Power factor

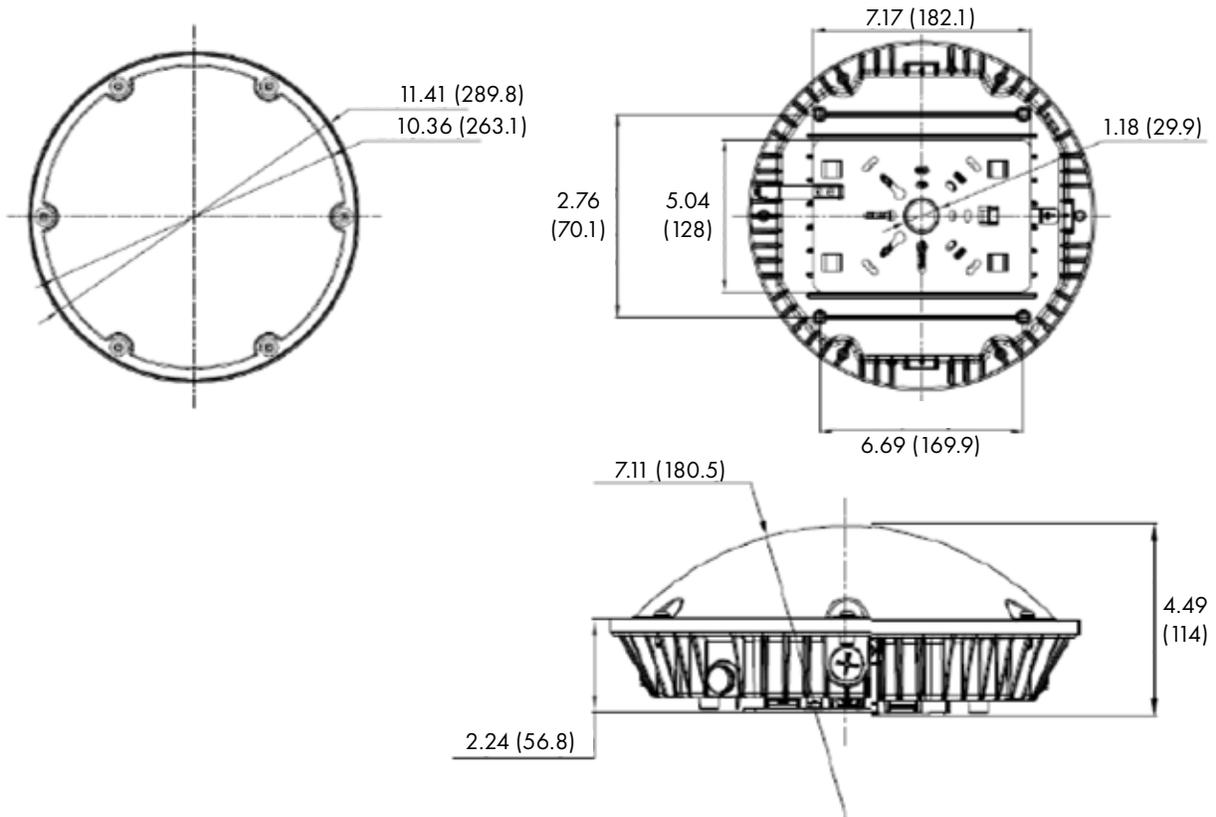
8100 total lumen output
Beam angle 160 degrees
IP-54 (-29°C - +40°C)



Model No.	Item	Weight
11820006040	LED High Bay Fixture	6.3 lbs./fixture

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0620 LIT 001

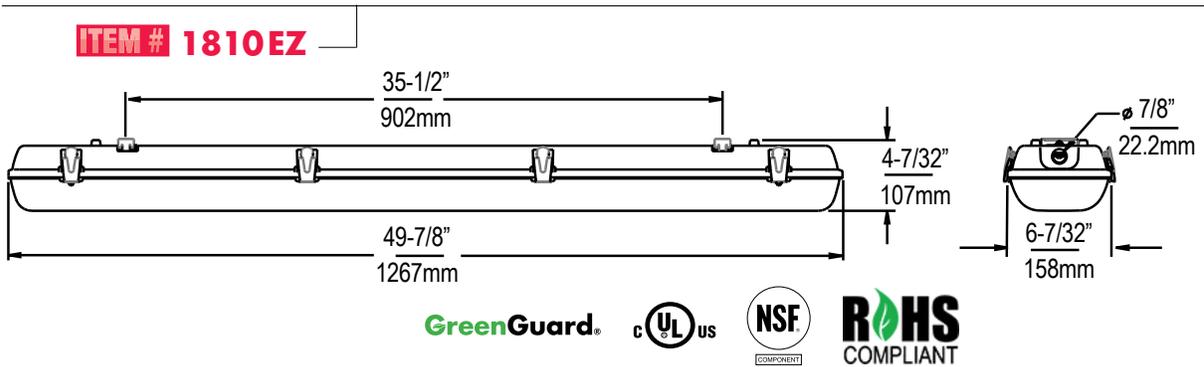


1820 LED LIGHT DISTRIBUTION

LIGHT DISTRIBUTION FOR 11820006040 LED				
Height in Feet	Average FC for Single Fixture Over Indicated Area			
	8' x 8'	12' x 12'	16' x 16'	20' x 20'
5	55	31	20	14
8	38	23	16	12
9	-	21	15	11
12	-	17	12	9
13	-	-	11	9
16	-	-	10	7
17	-	-	-	7
20	-	-	-	6

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0620 LIT 001



1810EZ HIGH PERFORMANCE, FLUORESCENT FIXTURE

- Advanced energy-saving fluorescent fixtures increase efficiency, produce less heat and cost less to operate than incandescent lighting.
- Get a fast start with full light quickly at low temperatures: Freezer fixture as low as -20° F (-29° C). Cooler fixture as low as 40° F (4.4° C).
- Full gasket assures moisture-proof operation for coolers, freezers and other applications requiring water resistance. IP-65.
- Lightweight fixture features tethered, snap-in-place reflector for ease of installation. Shatterproof, polycarbonate diffuser is standard.

SPECIFICATIONS

SIZE
Nominal O.D. 48". Dimensions:
49-7/8"L x 6-7/32"W x 4-7/32"H
(1267 x 158 x 107mm)

HOUSING
Injection-molded polycarbonate with integral gasket. IP-65

DIFFUSER
Clear, molded high impact polycarbonate diffuser; stainless steel latches for easy access to lamps.

BALLAST
Electronic ballast: Freezer, T5HO, start -20° F (-29° C). Cooler, T8, start 40°F (4.4°C)

E-Z MOUNTING
Attach two, snap-in brackets to ceiling; snap fixture in place and wire.

POWER
120 - 277 VAC @ 50/60 Hz (universal voltage); one hole provided with knockout at opposite end. Three knockouts on back. Complies with NEC regulations.

1810EZ-48L
106 Watts
0.88 amps @ 120 VAC
0.44 amps @ 240 VAC

1810EZ-48LC
106 Watts
0.88 amps @ 120 VAC
0.44 amps @ 240 VAC

UL LISTING
File No. E-213129

Model No.	Item
11810EZUV48L	Freezer Fixture, 48" (1219.2mm) Accepts (2) F54T5HO lamps (not included)
11810EZUV48LC	Cooler Fixture, 48" (1219.2mm) Accepts (2) F32T8 lamps (not included)
11810EZUV48LB	Freezer Fixture, 48" (1219.2mm) Includes (2) F54T5HO lamps
91810EZ0357	Tamper Resistant Latch Kit (Qty 8)
91810EZ0851	Replacement Parts, Diffuser, PC 4ft 1810ez
91810EZ0318	Replacement Parts, T5ho Ballast 120-277 Volt Univ
91810EZ0320	Replacement Parts, T8 Ballast 120-277V Univ
91810EZ0356	Replacement Parts, Latch Assembly, Narrow (Pack of 8)

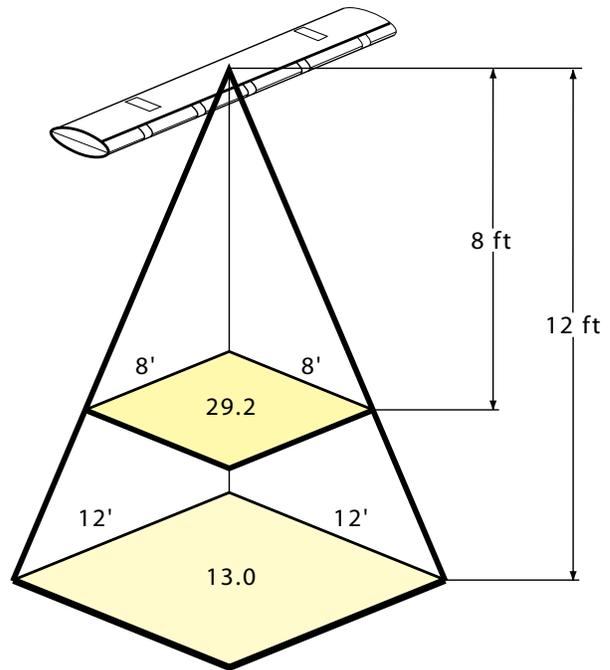
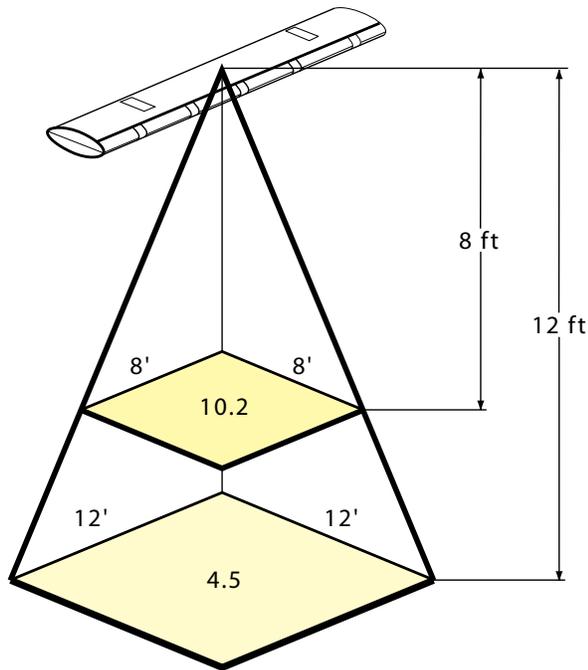
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1810EZ FLUORESCENT LIGHT DISTRIBUTION

LIGHT DISTRIBUTION FOR 1810EZ T5H0 FREEZER (-20° F)				
Height in Feet	Average FC for Single Fixture Over Indicated Area			
	8' x 8'	12' x 12'	16' x 16'	20' x 20'
5	14.1	7.9	4.3	3.5
8	10.2	6.0	4.0	2.9
9	-	5.6	3.8	2.7
12	-	4.5	3.1	2.3
13	-	-	3.0	2.2
16	-	-	2.6	1.9
17	-	-	-	1.8
20	-	-	-	1.6

LIGHT DISTRIBUTION FOR 1810EZ T5H0 COOLER (40° F)				
Height in Feet	Average FC for Single Fixture Over Indicated Area			
	8' x 8'	12' x 12'	16' x 16'	20' x 20'
5	40.4	22.4	14.3	10.0
8	29.2	17.2	11.5	8.2
9	-	16.0	10.8	7.8
12	-	13.0	9.0	6.6
13	-	-	8.5	6.3
16	-	-	7.3	5.5
17	-	-	-	5.3
20	-	-	-	4.7

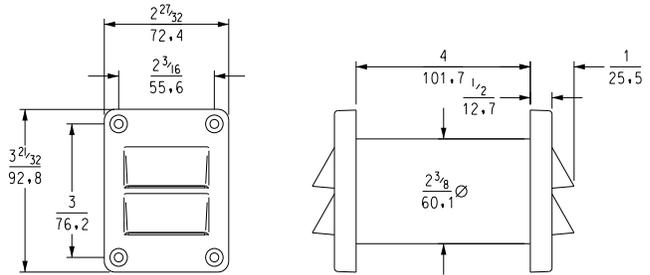
For output at 0° F, multiply 40° F table values by .65. All data is after warm-up.



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0620 LIT 001



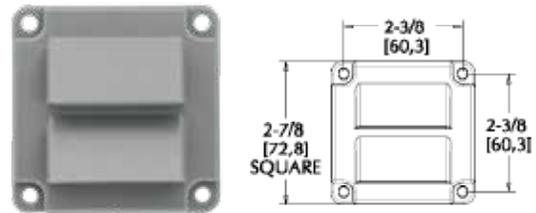
STANDARD LOUVER



1825 NARROW JAMB HEATED PRESSURE RELIEF PORT

- Exclusive, patented Kason ventilator seals tight and opens at lowest pressure of any competitive vent.
- Lightweight, springless valves provide greater air flow at lower pressure than spring-loaded valves.
- Lower pressure allows doors to open and close with ease and reduces stress on walk-in enclosure joints, reducing chance of leaks.
- Computer-designed heater eliminates valve freezing.
- Narrow profile unit mounts in door jamb.
- Port installs through 2 1/2" (63.5mm) diameter hole with minimal wiring.
- Poppet valves close tightly to prevent air leakage.
- Engineered to optimize the self-closing potential of Kason Walk-in hinges, latches and door closers.

SQUARE LOUVER



PERFORMANCE TESTED

Comprehensive performance tests show that Kason 1825 pressure relief ports provide better air flow at lower pressure and greater frost resistance than competitive ventilators.

SPECIFICATIONS

MATERIAL

Gray ABS plastic valve body and louvers, PVC tube, internal aluminum and stainless steel parts.

POWER

.04 amp @ 120 VAC; 4W heater
.02 amp @ 240 VAC; 4W heater

UL LISTING

File No. E57306

SELECTION

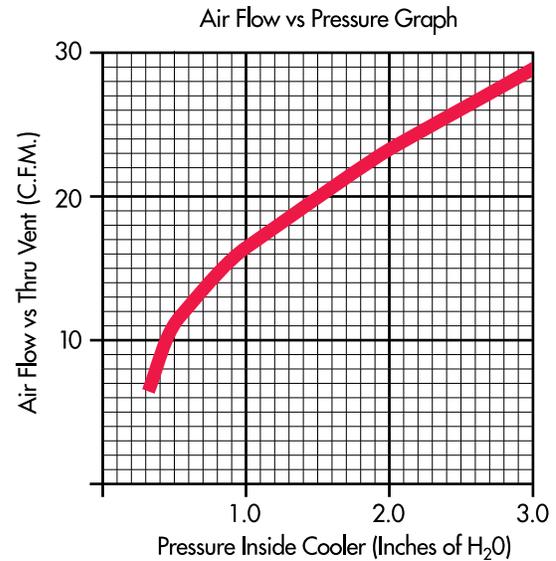
See Quantity Selector Chart, page B-96

MOUNTING

No. 1825 only mounts horizontally. Drilled for No. 10 (5.0mm) screws. Requires 2-1/2" (63.5mm) diameter hole.

Model No.	Item	Qty/ Carton	Wgt./Carton
11825000004	Heated Vent, 120 VAC, 4" Wall	10	7 lb. (3.2 kg)
11825000006	Heated Vent, 230 VAC, 4" Wall	10	7 lb. (3.2 kg)
11825S00004	Heated Square Louver Vent, 120 VAC, 4" Wall	10	7 lb. (3.2 kg)
11825S00006	Heated Square Louver Vent, 240 VAC, 4" Wall	10	7 lb. (3.2 kg)
118250000804	Unheated Vent, 4" Wall	10	7 lb. (3.2 kg)

*Other thicknesses available. Contact factory.

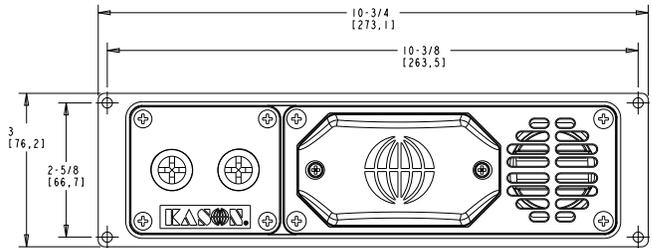




® Patent Pending

1826 INTELLI-VENT® LED SECURITY LIGHT PRESSURE RELIEF PORT

- Dual port vent provides greater airflow so doors open/close easier and faster
- Always-on LED light provides energy efficient security
- Aluminum louver acts as a heat sink for LED, thus preventing ice buildup
- Eliminates the need for an additional heating element and electrical run
- Integrated electrical junction box provides option to bring power into the vent from the front vs. inside the wall



SPECIFICATIONS

MATERIAL

Housing: Polycarbonate
Heat sink: Die-cast Aluminum
ACC Cover: Die-cast Aluminum
Lens: Polycarbonate
Hardware: Stainless steel

POWER

11 W, 120-277 VAC, 0.09 A, 50/60 Hz

LED

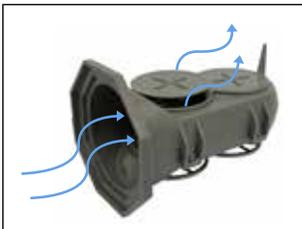
Output: 1000 lumens
Color temperature: 4000k

MOUNTING

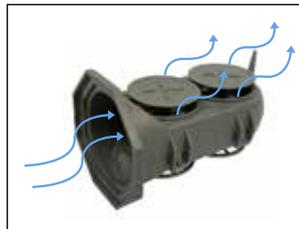
Horizontal or vertical installation

NOTE: Vent is for use in freezers (-20°F to 0°F) up to 3500 ft³, and coolers (10°F to 40°F) up to 7000 ft³. Larger rooms would require an additional 1825-1832 series vent(s).

DUAL PORT VENT OPERATION



INTERMEDIATE FLOW



HIGH FLOW

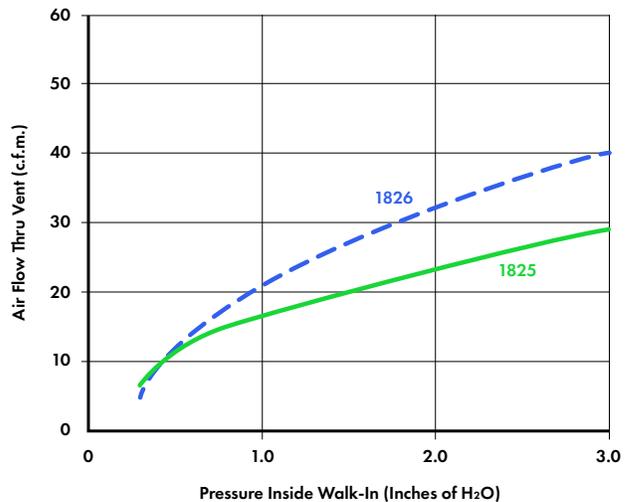


INSIDE WALK-IN



OUTSIDE WALK-IN

Air Flow vs Pressure





ITEM # 1830



1830 SMALL/1832 LARGE SPRING VALVE HEATED PRESSURE RELIEF PORT

- Improved to increase air flow for easier opening and closing.
- Protects from structural damage because of temperature/pressure build up.
- Compensates for air expansion and contraction.
- Heated models available for freezer applications.

SPECIFICATIONS

Material:
Body - All metal parts are aluminum
Internal Sleeve - self-extinguishing Lexan

UL LISTING:
File No. E57306

Diameter:
See table

Length:
Standard for 4" (101.6mm) wall thickness; other lengths available. Specify exact wall thickness; we will convert to our part number

Mounting:
1830: May be mounted through wall or ceiling
1832: Wall mount only. Drilled for No. 8 (4.0mm) screws

Electrical Requirements:
See ordering information

1830 SMALL SPRING VALVE HEATED PRESSURE RELIEF PORT

5-3/32" (129.4mm) diameter round aluminum cover plate.

1834 SMALL SPRING VALVE UNHEATED PRESSURE RELIEF PORT

Same as 1830, except without heating element.

Packaging: 10 per carton. **Weight:** 14 lb. (6.4 kg) per carton.

Model No.	Item
11830000004	Heated Vent, 23W, .2 amp @ 120 VAC
11830000008	Heated Vent, 23W, .1 amp @ 240 VAC
11834000004	Non-heated Vent
91830U04074800	Ins. Sleeve 3-1/2 OD x 48" Long

All 1830/1832 Series standard ventilators are for a 4" (101.6mm) thick wall. When other length is required, specify exact wall thickness. Kason will convert your individual requirement into our part number.



ITEM # 1832



1832 LARGE SPRING VALVE HEATED PRESSURE RELIEF PORT

- 6-1/4" (165.1mm) diameter round aluminum cover plate or square stainless steel cover plate.

1836 LARGE SPRING VALVE UNHEATED PRESSURE RELIEF PORT

- Same as 1832, except without heating element.

SPECIFICATIONS

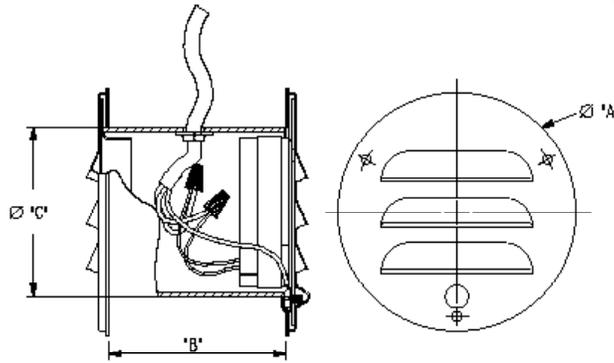
Packaging: 10 per carton **Weight:** 13 lb (5.9kg) per carton

Model No.	Item
11832000004	Heated Vent, 23W, .2 amp @ 120 VAC
11832000008	Heated Vent, 23W, .1 amp @ 240 VAC
11832SS0004	Heated Vent with Sq. Stainless Steel Louver, 120 VAC
11832SS0001	Square Stainless Steel Louver
11836000004	Non-heated Vent
11836SS0001	Non-heated with Sq. Stainless Steel Louver
91832U04074800	Ins. Sleeve 4-41/64 OD x 48" Long



Square stainless steel louvered cover plate, complete with gasket, available for models 1832 and 1836.

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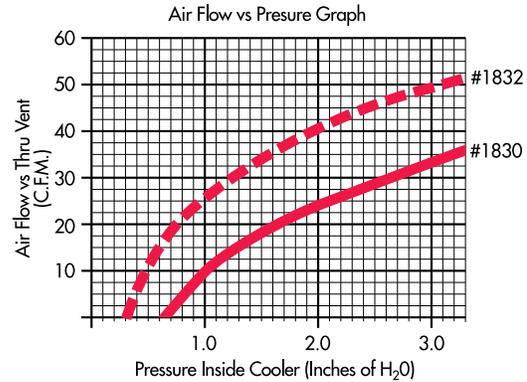


1830 SMALL/1832 LARGE SPRING VALVE HEATED PRESSURE RELIEF PORT

Comprehensive performance testing has shown that Kason 1830 Series ventilators have better air flow and frost resistance than competitively sized units.

	A	B*	C
1830	5-3/32" (129.4 mm)	4" (101.6 mm)	3-1/2" (88.9 mm)
1834	5-3/32" (129.4 mm)	4" (101.6 mm)	3-1/2" (88.9 mm)
1832	6-1/4" (165.1 mm)	4" (101.6 mm)	4-5/8" (117.5 mm)
1836	6-1/4" (165.1 mm)	4" (101.6 mm)	4-5/8" (117.5 mm)

*Other lengths available. Please specify.



1825, 1826, 1827, 1830 & 1832 PRESSURE RELIEF PORT QUANTITY SELECTOR

Volume of Cooler or Freezer		Quantity of Ventilators Required (See Notes)									
		Cooler ⁽²⁾ +10°F (-12.2°C) to +40°F (4.4°C)					Freezer ⁽²⁾ -20°F (-28.9°C) to +10°F (-12.2°C) ⁽⁶⁾				
Ft ³	(m ³)	1825	1826	1830	1827	1832 ⁽⁵⁾	1825 ⁽⁴⁾	1826	1830	1827	1832 ⁽⁴⁾⁽⁵⁾
2,000	(57)	1	1	1	1	1	1	1	1	1	1
3,000	(85)	1	1	1	1	1	1	1	2	1	1
4,000	(113)	1	1	1	1	1	2	1	3	1	1
6,000	(170)	1	1	2	1	1	3	2	4	2	2
8,000	(226)	2	1	2	1	1	Use 1827, 1832 ⁽⁵⁾ or 1832DBL	See Note 4		2	2
12,000	(340)	2	1	3	1	1				3	3
16,000	(453)	Use 1827 or 1832			2	2	Use 1832DBL or 1845 ⁽⁵⁾				
20,000	(566)				2	2					
24,000	(679)				3	2					

NOTES:

- The table above should be used as a general guideline only. Kason does not guarantee the results, as many factors beyond those assumed can affect the amount of ventilation required in a refrigerated space. Some of these factors include, but are not limited to: the number of doors in the enclosure, air-tightness of the enclosure, refrigeration load (how quickly the temperature drops), the defrost cycle settings, etc. The experience and past results observed by the manufacturer of the walk-in on similar applications should factor heavily into the final selection. Calculations consider incoming flow only to relieve negative pressure and do not consider positive pressure from swing door closing or temperature increases from evaporator fans running during defrost.
- Air flow requirement is based on the following assumed temperature change rates: Freezer (2.0°F/min). Cooler (1.0° F/min)
- Vent quantities are calculated based on actual measured flow rates at an assumed allowable pressure differential for given temperature change rate: 1825 = 11 ft³/min @ .8inH₂O pressure, 1826 = 18 ft³/min @ .8inH₂O pressure, 1827 = 18 ft³/min @ .8inH₂O pressure, 1830 = 5ft³/min @ .8 inH₂O pressure, 1832 = 21 ft³/min @ .8inH₂O pressure, 1832DBL = 21 ft³/min @ .8inH₂O pressure, 1845 = 83 ft³/min @ .8inH₂O pressure. When box size falls between two rows in chart, use the higher size.
- For box temperature less than -20F and/or when humid conditions exist outside box, use 1832DBL
- Model 1832DBL is recommended over the 1832 for box temperatures between -20F and -40F. Use model 1845 for boxes this size and larger if box temperature is -20F or greater. Use 1832,1827 or 1832DBL in place of 1825,1826 for larger freezers. 1832 DBL Flow is equivalent to 1832
- Minimum use temperatures: 1825 -20F,1826 -20F,1827 -30F, 1830-30F,1832 -20F, 1832DBL -40F, 1845 -20F
- Opening pressures: 1825 opens at the lowest pressure (0.1 in H₂O), 1826 at (0.15 in H₂O), 1827 at (0.15 in H₂O), 1832 at (0.3 in H₂O), 1830 Opens at the highest pressure (0.7 in H₂O).



ITEM # 1832DBL



1832DBL LOW TEMPERATURE HEATED PRESSURE RELIEF PORT (-20°F and below)

Lo-temp version of Kason's time-tested hi-flow ventilator, specially adapted for freezer applications.

- Extra heated body provided to minimize frost accumulation in deep freeze environment.
- Operates efficiently in temperatures from -40°F (-40°C) to -20°F (-28.9°C).
- Protects from structural damage because of temperature and pressure build up.
- Compensates for air expansion and contraction.

See Model 1832 for flow chart and selection chart.

SPECIFICATIONS

MATERIAL:

Inside louver - aluminum
 Outside louver - aluminum with screen.
 Vent assembly - aluminum with heater.
 Tube - polycarbonate.

DIAMETER:

Louver plate - 6-1/4" (158.8mm).
 Tube - 4-5/8" (117.5mm).

LENGTH:

Standard for 4" (101.6mm), 5" (127mm) and 6" (152.4mm) wall thickness.

MOUNTING:

Mounts through wall. Drilled for No. 8 (4.0mm) screws.

ELECTRICAL REQUIREMENTS:
 See table below

UL LISTING:
 File No. E57306

OPTIONS:
 Square cover plate available special order.

Model No.	Item	Wall Thickness	Quantity Per Carton	Weight Per Carton
11832DBL004	Lo-temp Vent, 46 W, 0.4 amp @ 120 VAC	4 in. (101.6 mm)	10	14 lb (6.4 kg)
11832DBL008	Lo-temp Vent, 46 W, 0.2 amp @ 240 VAC	4 in. (101.6 mm)	10	14 lb (6.4 kg)
11832DBL00405	Lo-temp Vent, 46 W, 0.4 amp @ 120 VAC	5 in. (127 mm)	8	12 lb (5.5 kg)
11832DBL00805	Lo-temp Vent, 46 W, 0.2 amp @ 240 VAC	5 in. (127 mm)	8	12 lb (5.5 kg)
11832DBL00406	Lo-temp Vent, 46 W, 0.4 amp @ 120 VAC	6 in. (152.6 mm)	8	13 lb (5.9 kg)
11832DBL00806	Lo-temp Vent, 46 W, 0.2 amp @ 240 VAC	6 in. (152.6 mm)	8	13 lb (5.9 kg)
11832SA0001	Square Aluminum Louver			
11832SS0001	Square Stainless Steel Louver			

Contact Kason Representative

1845 INTELLI-VENT® HIGH FLOW HEATED PRESSURE RELIEF PORT

- 14 times greater air flow capacity.
- Opening/closing pressure reduction increases walk-in's lifespan.
- 6-watt heater ports provide 50% more heat to resist frost build-up from humid air entering freezer.
- Thermostatic control protects unit from heating during times when walk-in has no refrigeration.
- Air-Ram nozzles reduce frost accumulation.
- Low-profile, exterior screened hood protects against infestation.
- Accommodates any wall thickness from 3-1/2 inches.
- Easy installation.

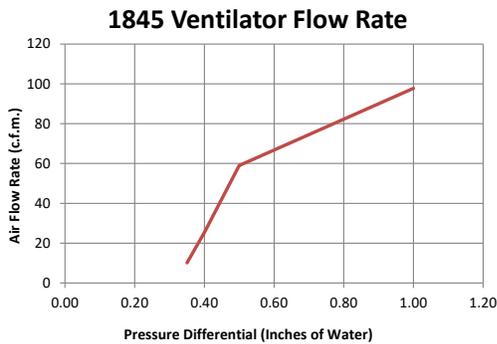
SPECIFICATIONS

SIZE:
Requires opening 11-1/2" H x 17-1/4" W x 3-1/2" D (280 x 432 x 77mm) minimum

POWER:
120 VAC, 60 Hz, 84W, 0.7A or 240 VAC, 60 Hz, 84W, 0.38A; Spade terminals provided

MATERIAL:
Textured ABS exposed panel and white hood.

UL LISTING:
File No. E57306

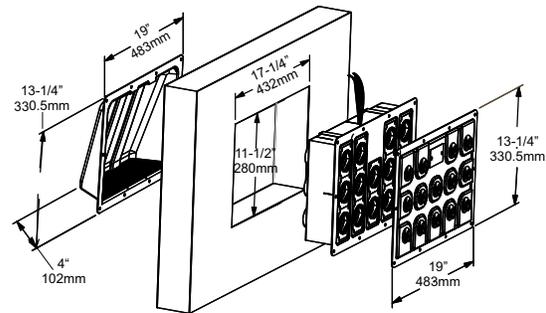


U.S. Trademark 4,269,018

1845



U.S. Patent No. 8,992,293



Model No.	Description	Qty/ Carton	Weight/ Carton
11845H00014	Ventilator, 120 VAC	1	10 lb. (4.5kg)
11845H00014220	Ventilator, 240 VAC	1	10 lb. (4.5kg)

Refer to Flow Chart & Quantity Selector to determine quantity needed.

Replacement parts available from Kason.

1845 PRESSURE RELIEF PORT QUANTITY SELECTOR

Volume of Cooler or Freezer, Ft ³ , (meter ³)	Extremely Large, Stable Temperature Warehouse (.15 deg F/min)	Temperature Stable Warehouse Cooler or Freezer (.33 deg F/min)	Freezer with High Temperature Fluctuation (1.0 deg F/min)
25,000 (708)	n/a	n/a	1
50,000 (1,415)	n/a	n/a	1
75,000 (2,123)	n/a	1	2
100,000 (2,830)	n/a	1	3
200,000 (5,660)	1	2	5

NOTES

- Minimum temperature of use is -20F.
- Quantity varies with amount of expected temperature fluctuation. Pick the most applicable column from this table, or refer to the Selection Tool on the Kason website.
- For room sizes between two listings, use the higher quantity.
- Use Selection Tool on the Kason website for freezers with greater temperature fluctuation and for Blast Freezers.
- The table above should be used as a general guideline only. Kason does not guarantee these numbers, as many factors beyond those assumed can affect the amount of ventilation required in a refrigerated space. Some of these factors include, but are not limited to: the number of doors in the enclosure, air-tightness of the enclosure, refrigeration load (how quickly the temperature drops), strength of panel construction, etc.

VINYL STRIP SYSTEMS



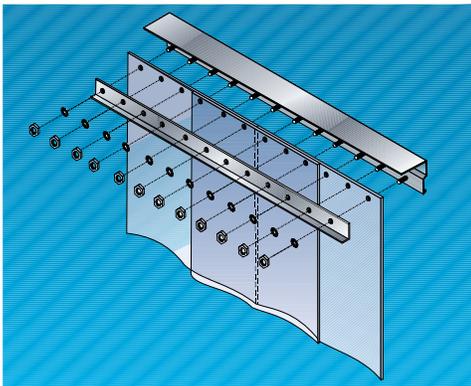
THERMAL FLEX® VINYL STRIP CURTAINS AND DOORS

- Easiest mounting systems on the market feature pre-cleated, slide in strips for quick mounting and removal.
- Strong, light weight aluminum track installs easily.
- Mounting system prevents tear-out.
- Tracks accept vinyl strips in wide range of widths and materials; even mix widths and materials.
- Models for use in material handling, production, dry and cold storage.v



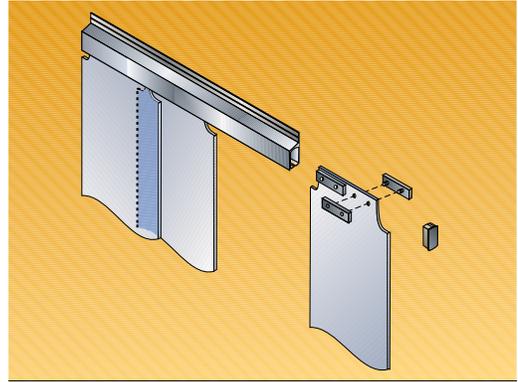
UNIVERSAL HEAVY DUTY STRIP CURTAINS

Traditional universal mounting system for industrial applications.



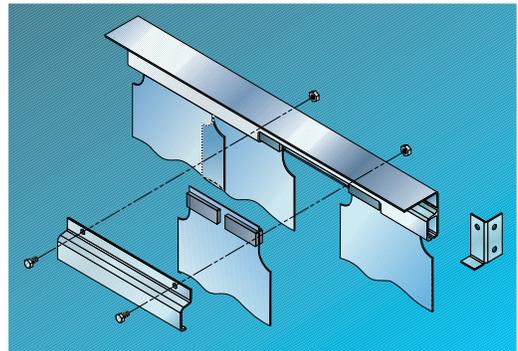
EASIMOUNT®

Wall mounted system for wide range of applications.



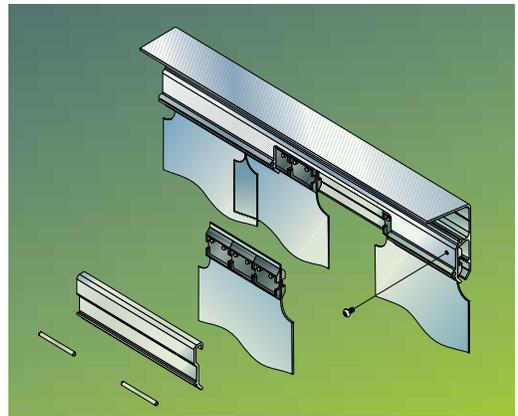
EASIMOUNT® II

Truck, doorjamb and ceiling mounted system has access panel for mid-track strip loading.



MAXIMOUNT®

Maximum duty system for flush and overhead mounting with mid-track strip loading. Combines super strength with easy installation and maintenance.



CONTINUED ON FOLLOWING PAGE



VINYL MATERIALS

- Available pre-cut or bulk
- Twelve material types with wide temperature ranges
- Twelve width/gauge sizes
- USDA/NSF approved materials available

SPECIFICATIONS

WIDTHS:
4", 6", 8", and 12"

THICKNESSES:
.06", .08", and .12"

STRIP TYPES:
Smooth, cord reinforced, and ribbed

MATERIAL:
 Standar Clear
 Low Temp USDA Clear
 Low Temp USDA Clear Reinforced
 Standard Clear Ribbed
 Low Temp USDA Clear Ribbed
 Antistatic Clear
 Dark Red Weld Screen
 Dark Green Weld Screen (Special Order)
 Black Opaque
 Safety Orange
 Clear Ultra Low Temp
 Standard Clear Reinforced

VINYL SWING DOORS



Thermal Flex® VINYL SWING DOORS: THE CLEAR ALTERNATIVE

- Kason-designed stainless steel hinges easily swing open two heavy, clear vinyl panels.
- Won't drag across product or snag on personnel or carts; so stays cleaner and lasts longer than strip systems.
- Easy-to-clean, clear vinyl panels provide high visibility.
- Gravity hinge closes door quickly but gently.
- Exclusive adjustable cam block assures that the open door swings back to center position, even if the door jamb is out of line.
- Strong, versatile hinge adapts to all door widths; no waiting for special orders.
- Meets Sanitary Codes. Vinyl materials available to meet USDA, NSF and local standards.
- Ten year rust-proof hinge warranty. Stainless steel hinges won't rust even in high humidity.
- Proper mounting kit for your application is included.

SPECIFICATIONS

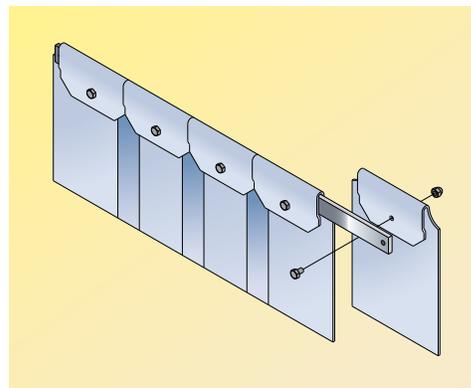
MATERIAL:
Clear PVC: .105 gauge.

DOOR OPENINGS:
30" to 72" wide;
78" to 96" high.

SPECIAL APPLICATIONS:
Heavy duty hinges available
for wide doors.



LOOP STRIP CURTAINS



3700 SERIES RUBBASEAL™ SILICONE SEALANT



RUBBASEAL™ SILICONE SEALANT FOR HI- AND LO-TEMP FOODSERVICE USES

- Premium grade, fully certified silicone adhesive sealant outperforms cheap hardware store brands
- Waterproof adhesive bonds better than generic sealants; won't peel, reduces service call-backs for leaks
- Air-cures overnight; tack-free in 15 min
- Standard and high temperature formulas
- Meets Federal and NSF standards for food service use

EASY TO USE

- RubbaSeal™ adhesive sealant won't sag during application. Apply vertically, horizontally or overhead.
- One-piece, 10-oz. rigid plastic cylinder fits all standard caulking guns.
- Flexible, 3-oz. tube is ideal for small jobs and tight spaces.
- Nozzle is removable for easy cleaning and reuse after tube is opened.

SPECIFICATIONS

TEMPERATURE RANGES:
Standard formula is serviceable from -80° F to 400° F. (-62° to 204° C). High temperature formula is heat resistant to 500° F. (260° C)

PACKAGING:
Two sizes available; see table to right



Model No.	Tube Size	Color	Max. Temp. (Degrees F.)	Quantity/ Carton	Approximate Weight/ Carton
63700000001	10.3 oz. (304ml)	Clear	400	12	10 lb. (5kg)
63700000002	10.3 oz. (304ml)	White	400	12	10 lb. (5kg)
63700000003	10.3 oz. (304ml)	Aluminum	400	12	10 lb. (5kg)
63700000004	10.3 oz. (304ml)	Black	400	12	10 lb. (5kg)
63700000005	10.3 oz. (304ml)	Red (HiTemp)	500	12	10 lb. (5kg)
63700000006	10.3 oz. (304ml)	Almond	400	12	10 lb. (5kg)
637000000031	3 oz. (89ml)	Clear	400	36	9 lb. (1.5kg)
637000000032	3 oz. (89ml)	White	400	36	9 lb. (1.5kg)
637000000033	3 oz. (89ml)	Aluminum	400	36	9 lb. (1.5kg)
637000000035	3 oz. (89ml)	Red (HiTemp)	500	36	9 lb. (1.5kg)
637000000036	3 oz. (89ml)	Almond	400	36	9 lb. (1.5kg)

Black and Hi-Temp Red are available in 3 oz. (89ml) tubes on special order. Contact your Kason representative.

NSF listed STD 051 for Food Zone Use. All Foods. Authorized by USDA for use in Federally inspected meat and poultry plants. When cured and washed, sealant meets requirement of FDA regulation No. 21 CFR 177.2600. Meets the following: U.S. FED.TTS-00230C, TTS-001543A, ASTM C920-79, MIL-A-46106 and Canadian CGSB-19-GP-9MA Type 1. UL Recognized, File No. E175317.

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BUTYL SEALANT FOR HI- AND LO-TEMP FOODSERVICE USES

- Premium grade butyl based sealant is permanently flexible and non-skinning.
- Moisture resistant, non-skinning and paintable
- Permanently elastic even when exposed to -60°F to 200°F temperatures
- Made in America
- Has a 50 year durability guarantee

Model No.	Tube Size	Color	Max. Temp. (Degrees F.)	Quantity/ Carton	Approximate Weight/ Carton
613701000004	10.3 oz. (304ml)	Grey	200	12	10 lb. (5kg)
613701000005	10.3 oz. (304ml)	White	200	12	10 lb. (5kg)

APPLICATIONS

- Walk-in Coolers and Freezers
- Acoustical Applications
- Industrial Applications
- Metal Insulated Panels
- Pipe Insulation
- Standing Seam Roof Panels

TEMPERATURE RANGES

Standard formula is serviceable from -60° F to 200° F. (-51° to 93° C). Application temperature ranges from 10° F to 120°F (-12° to 49°C)

No cracking, bleeding, or loss of rubbery characteristics

WEATHERABILITY

FOAMED-IN-PLACE FOOLPROOF PANEL FASTENERS

You will really appreciate this money saving, foolproof method of inserting, accurately positioning and anchoring panel fasteners into your foamed panels. Kason's patented system guarantees you lower costs and greater efficiency in your foaming operations.

EASY FIT



Simply fit the fixtures you already use with Kason precision adapters. The durable, hardened steel adapters become a permanent part of your fixtures.

PRECISE POSITION

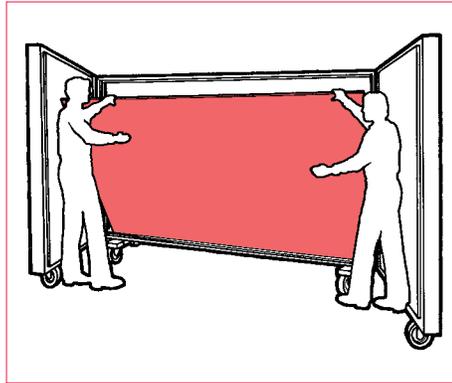
These timesaving adapters combined with Kason's snap-on/snap-off fasteners assure that each fastener will be positioned properly. No more upside-down or reversed fasteners. It is impossible to put a locking point where a strike should be, because the adapter will not accept it.

SUPERIOR HOLD

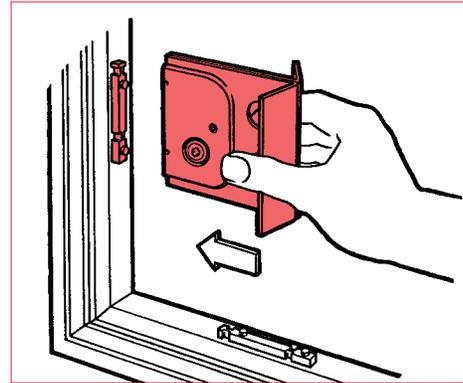
Adapters hold fasteners securely and assure accurate positioning, yet won't interfere with the foaming process. Specially placed holes allow foam to fully fill around fasteners for superior holding power.

ADDED VALUE

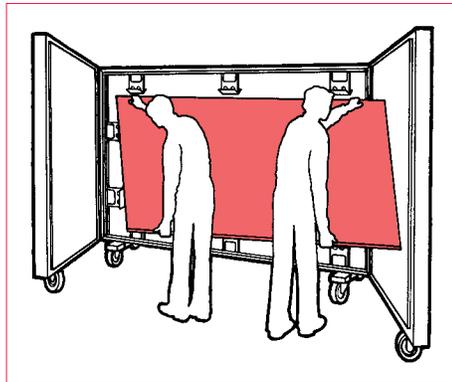
All Kason Panelock™ fasteners feature our reliable friction drive cam system, which has been fine-tuned for the specific application. Dozens of tests are performed every day by our production departments to assure that fasteners will fully function on the job site.



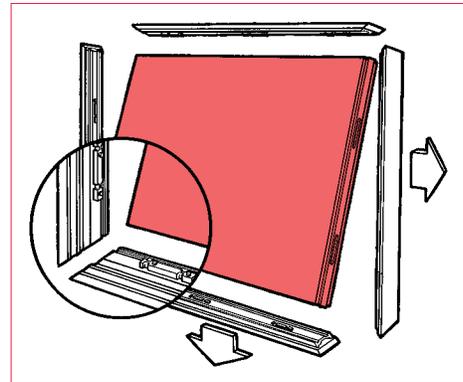
1. Insert outer skin of the panel into the mold.



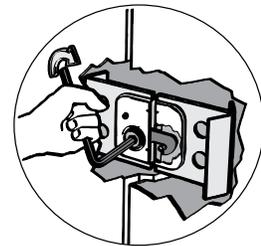
2. Snap fastener (locking point or strike) onto its unique Kason adapter.



3. Insert inner skin into the molding fixture. Close mold and inject foam.



4. After curing, open the mold and retract edge rails. Remove completed panel with fasteners securely in place. Lock panels using Kason No. 1145 wrench.



Use Kason No. 1145 hexagonal wrench for easy locking of all Kason panel fasteners. See page B-117.

THE DIFFERENCE IS EXPERIENCE

Give your customers the durability, strength and value they expect with Kason Panelock™ fasteners. Take advantage of our leadership in innovative design and manufacturing as we constantly refine and improve our panel fasteners to meet the increasing demands of the industry.

Panel fasteners are the heart of your walk-in's. A job can, literally, fall apart if just a couple fasteners fail. We take panel fasteners seriously. Manufactured under our roof with uncompromising control, Kason Panelock™ fasteners are produced on the latest state-of-the-art automated equipment that inspects every part as it is made. We do this to assure our customers the highest level of consistency and reliability. Ensure the integrity of your walk-in's; specify Kason Panelock™ panel fasteners.

FOAMED-IN-PLACE FASTENERS

SPECIFICATIONS

MATERIAL:

Locking Points - steel housing and hook, high pressure die-cast cam
Strikes - steel housing and pin

FINISH:

Special wash for improved foam adhesion

Adapters and accessories shown on page B-109

1168RBP LOCKING POINT

- Winged locking point has full 2-1/2" (63.8 mm) wing span for high pull-out strength.
- Holes in wings permit a maximum flow of foam and provide additional holding power.
- Exclusive hold-back keeps the hook retracted until activated with our No. 1145 hex wrench.
- High strength panel fasteners sized for most applications, including short corners and door frames.
- Use with No.1169L adapter.

Model No.	Item	Qty./Ctn.	Wgt./Carton
71168RBP004S	Locking Point	250	144 lb. (65 kg)
71168RBP004SB	Locking Point	1000	622 lb. (282 kg)

1168RT TUNNEL LOCKING POINT

- Standard length locking point features wrench tunnel for foam-free wrench path.
- Extended cam provides excellent tunnel cap retention during foaming. Caps sold separately.
- Unique knock-out allows blind-side wrench access when required.
- Use with No. 1169L adapter.

Model No.	Item	Qty./Ctn.	Wgt./Carton
71168RT0004S	Locking Point	250	148 lb. (67 kg)
71168RT0004SB	Locking Point	1000	639 lb. (290 kg)
71164000006	Tunnel Cap, 1-1/4" (31.6 mm)	5000	On Request

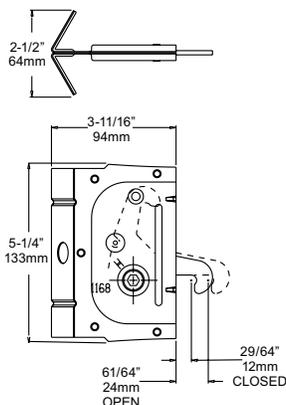
1164-10 TUNNEL CAP

- Provides a foam-free wrench path for standard Kason locking points.
- Eliminates labor operation to drill out foam for wrench path.
- Prevents damage to hex hole from drilling.

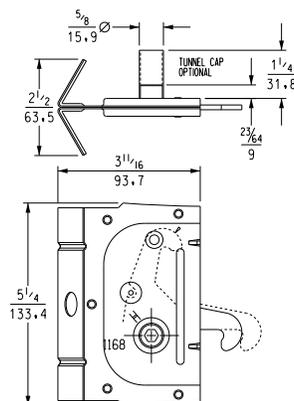
Model No.	Item	Qty./Ctn.	Wgt./Carton
71164000010	Tunnel Cap, 1-1/4" (31.6 mm)	5000	Ordered Separately

Locking Points,
U.S. Patent 9,803,403.

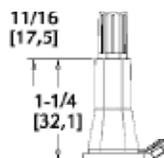
ITEM # 1168RBP



ITEM # 1168RT

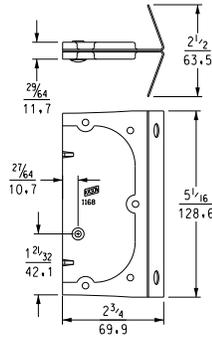


ITEM # 1164-10

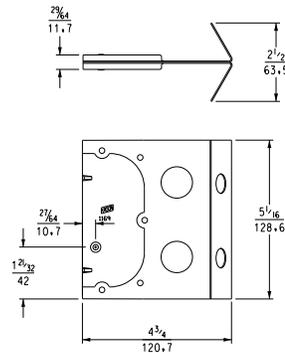




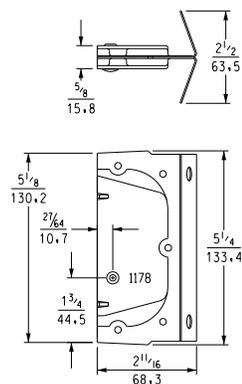
ITEM # 1168RP



ITEM # 1169P



ITEM # 1178RP



FOAMED-IN-PLACE FASTENERS

1168RP STRIKE

- Full 2-1/2" (63.8mm) wing span for high pull-out strength. Short, standard fasteners for most applications, including short corners and ceiling and floor panels.
- Winged strike is dimpled for use with No. 1169S adapter.

Model No.	Item	Qty./Ctn.	Wgt./Carton
71168RP0008S	Strike	300	103 lb. (46 kg)
71168RP0008SB	Strike	1500	561 lb. (255 kg)

1169P STRIKE

- Longer length winged strike provides greater anchoring and higher pull-out strength.
- Compliments No. 1169BP locking point for high strength applications in large structures.
- Use with No. 1169S adapter.

Model No.	Item	Qty./Ctn.	Wgt./Carton
71169P00008S	Strike	200	114 lb. (52kg)
71169P00008SB	Strike	1000	690 lb. (314kg)

1178RP WIDE MOUTH STRIKE

- Wide-mouth strike provides a large area for easy hook engagement.
- The 1/2" (12.7mm) wide clear opening allows the panels to center on themselves.
- Panels will align correctly even if fasteners are incorrectly positioned.
- Use with No. 1178S adapter.

Model No.	Item	Qty./Ctn.	Wgt./Carton
71178RP0008	Strike	300	109 lb. (49 kg)
71178RP0008B	Strike	1500	589 lbs (268 kg)

*Packaging for international shipment only.

FOAMED-IN-PLACE FASTENERS

- Adapters and accessories shown on page B-109.
- Locking Points, U.S. Patent 9,803,403.

1188RBP LOCKING POINT

Full 2-1/2" (63.5mm) wing span provides a high pull-out strength. Locking point sized for majority of applications, including short corners and door frames. Holes permit a maximum flow of foam for additional strength. Exclusive hold-back keeps the hook retracted until activated. Use with No. 1188L adapter.

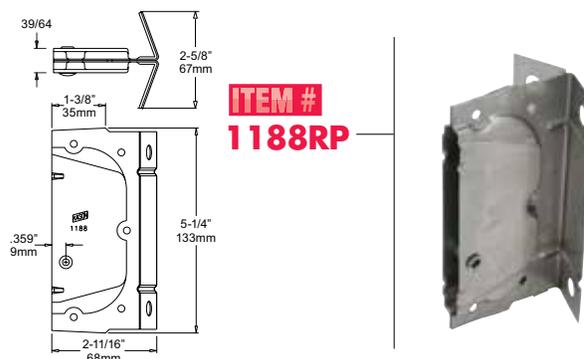
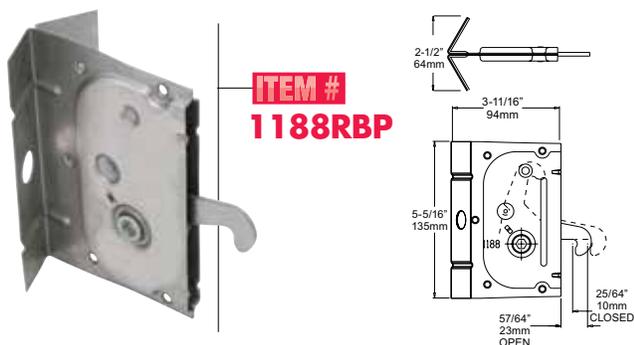
1188RT TUNNEL LOCKING POINT

Model No.	Item	Qty./Ctn.	Wgt./Carton
71188RBP004S	Locking Point	250	149 lb. (68 kg)
71188RBP004SB	Locking Point	1000	643 lb. (292 kg)

1188RP WIDE MOUTH STRIKE

The 1/2" (12.7mm) wide clear opening allows the panels to center on themselves. Panels will align correctly even if fasteners are incorrectly positioned. Use with No. 1188S adapter.

Model No.	Item	Qty./Ctn.	Wgt./Carton
71188RP0008S	Strike	300	111 lb. (50 kg)
71188RP0008SB	Strike	1500	598 lb. (272 kg)



Standard length locking point features wrench tunnel for foam-free wrench path. Extended cam provides excellent tunnel cap retention during foaming. Caps sold separately. Unique knock-out allows blind-side wrench access when required. Use with No. 1188L adapter.

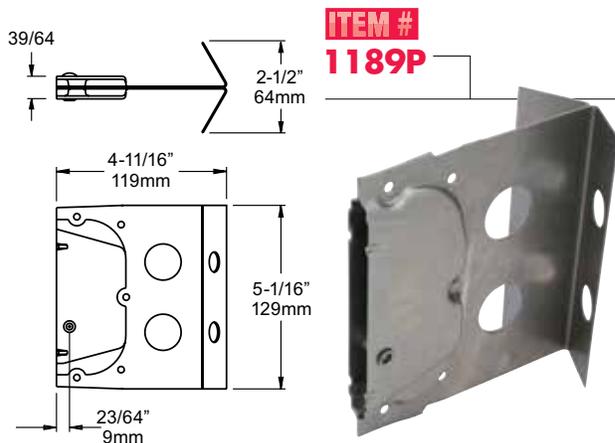
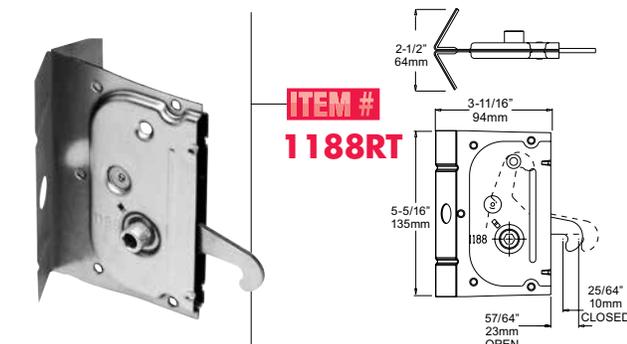
Wide-mouth strike provides a large area for easy hook engagement.

Model No.	Item	Qty./Ctn.	Wgt./Carton
71188RT0004S	Locking Point	250	154 lb. (70 kg)
71188RT0004SB	Locking Point	1000	661 lb. (300 kg)
71164000006	Tunnel Cap, 1-1/4" (31.6 mm)	5000	On Request

1189P WIDE MOUTH STRIKE

Longer length wide mouth strike assures greater anchoring and pull-out strength. Complements Nos. 1188BP and 1188T locking points for use in high strength applications where extra pull-out resistance is needed. Use with No. 1188S adapter.

Model No.	Item	Qty./Ctn.	Wgt./Carton
71189P00008S	Strike	250	145 lb. (66kg)
71189P00008SB	Strike	1000	631 lb. (282kg)



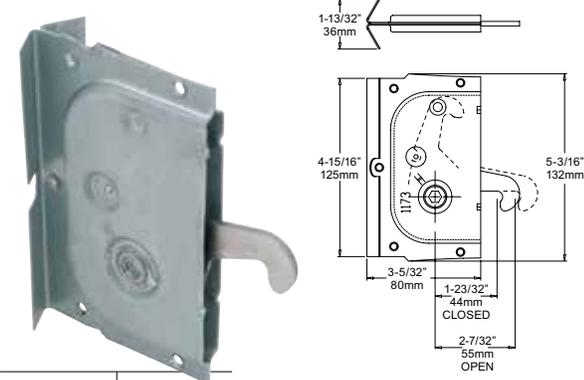
SPECIAL FOAMED-IN-PLACE FASTENERS

- Adapters and accessories shown on page B-109.

1173 COMPACT LOCKING POINT

Narrowing locking point combined with No. 1173 strike provides solid lock-up for molded foam-insulated panels as thin as 1-1/2" (38.1mm). Wing span is 1-13/32" (35.7mm). Finished panels assemble with No. 1145 hex wrench. Use with No. 1169L adapter.

Model No.	Item	Qty./Ctn.	Weight/Carton
71173A00012S	Locking Point	200	102 lb. (45.9 kg)



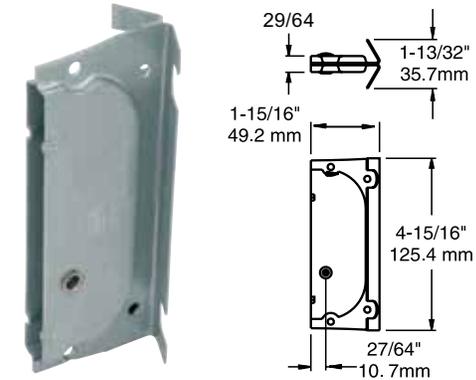
U.S. Patent No. 6,070,919, No. 6,299,224 and others pending.

ITEM # 1173 LOCKING POINT

1173 STRIKE

Compact strike for use with No. 1173 locking point for special low clearance applications. Use with No. 1169S adapter.

Model No.	Item	Qty./Ctn.	Weight/Carton
71173A00008S	Narrow Strike	300	78 lb. (35.1 kg)

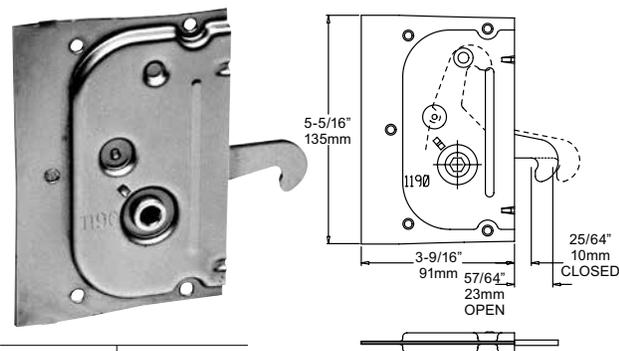


ITEM # 1173 STRIKE

1190 LOCKING POINT

Side mounted locking point attaches directly to frame member. Can be mounted through rivet holes or with welded straps. Fully enclosed housing protects mechanism during foaming. Use with No. 1188L adapter.

Model No.	Item	Qty./Ctn.	Weight/Carton
7119000004SB	Locking Point	2000	980 lb. (445kg)



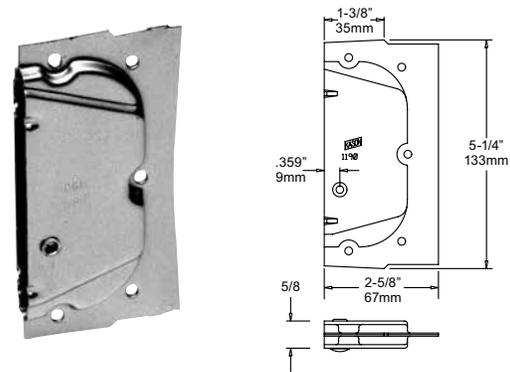
U.S. Patent No. 6,070,919; 9,803,403 & 9,863,143

ITEM # 1190 LOCKING POINT

1190 STRIKE

Side mounted strike pairs with No. 1190 locking point for solid panel lock-up. Attach directly to frame member through rivet holes or with welded straps. Fully enclosed pocket keeps pin clear during foaming. Use with No. 1188S adapter.

Model No.	Item	Qty./Ctn.	Weight/Carton
7119000008SB	Strike	2000	680 lb. (308kg)



ITEM # 1190 STRIKE

RIGID RAIL PANEL FASTENERS

VERSATILE FASTENERS FOR WOOD, HIGH-DENSITY FOAM OR METAL FRAME RAILS

This series of Kason fasteners allow versatility and economy in prefabricated panel manufacturing. Build sectional units of almost any size and shape using wood, high-density foam or metal frame rails with these Panelock™ fasteners.

Locking points and strikes may be combined to accommodate a range of thicknesses, rail materials and joint types.

Manufactured from heavy-gauge steel, Rigid Rail Fasteners feature our patented cam system for great strength and reliable lock-up.

Kason fasteners are used in your prefabricated panels for walk-in coolers and freezers, display cases, modular building construction, shipping containers, partitions, sauna baths, and more.

SPECIFICATIONS

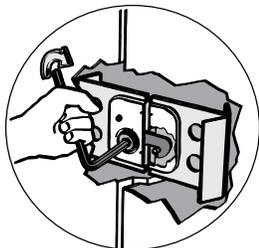
MATERIAL:

Locking Points - Steel housing and hook, high pressure die cast cam.
Strikes & Pins - Steel.

THE DIFFERENCE IS EXPERIENCE

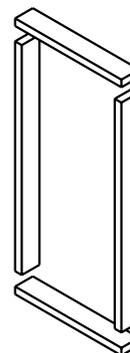
Customers receive the durability, strength and value they expect with Kason Panelock™ fasteners. Take advantage of Kason's leadership in innovative design and manufacturing. Constant refining and improvement of these panel fasteners is conducted to meet the increasing demands of the industry.

Panel fasteners are the heart of walk-ins. A job can literally fall apart if just a couple fasteners fail. Kason takes panel fasteners seriously. Manufactured with uncompromising control, Kason Panelock™ fasteners are produced on the latest state-of-the-art automated equipment that inspects every part as it is made. This assures our customers the highest level of consistency and reliability will be met. Insure the integrity of all walk-ins; Specify Kason Panelock™ panel fasteners.

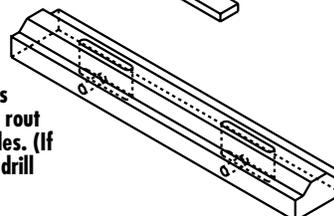


Use Kason No. 1145 hexagonal wrench for easy locking of all Kason panel fasteners. See page B-117.

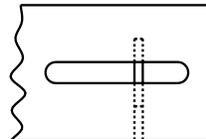
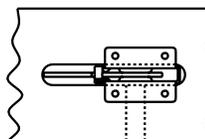
1. Cut frame material to form panel perimeter.



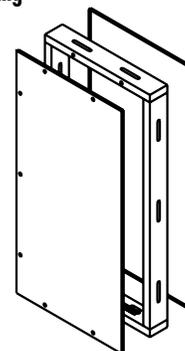
2. Determine locations for fasteners and mortise, dado, or rout slots. Drill wrench holes. (If using No. 1156 pins, drill pin holes.)



3a. Place fastener in slot and nail or staple in place.

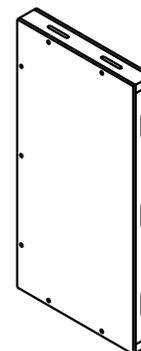
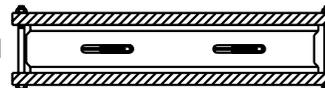


3b. If using No. 1156 pin, insert in drilled pin holes. (Taping of back may be required when foaming.)



4. Assemble frame with panel skins.

5. Clamp panel in restraining fixture and inject foam.



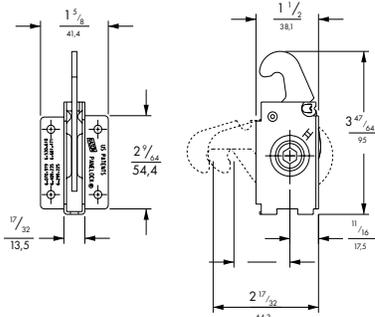
KASON PANELOCK™ PANEL FASTENERS

RIGID RAIL FASTENERS

Locking Points, U.S. Patent No. 6,070,919, No. 6,299,224, No. 6,409,235, No. 6,530,610, No. 6,681,471, No. 9,803,403 and No. 9,863,143.

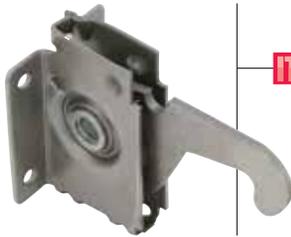
1156A LOCKING POINT

Typical application for tongue and groove rails where fasteners are nailed or stapled to rails. Housing designed to resist spreading in high density foam rails under heavy loading.

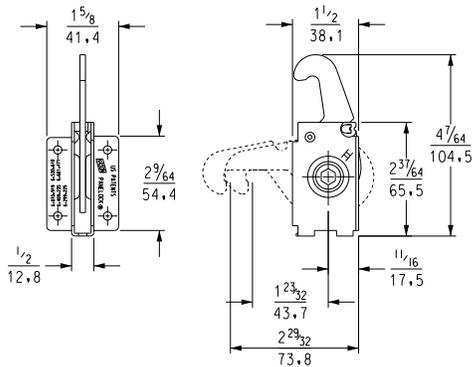


1156B LOCKING POINT

Same as No. 1156A, except with 3/8" (9.5mm) additional hook reach; for use with butt joint panels or thick rails.



ITEM # 1156B

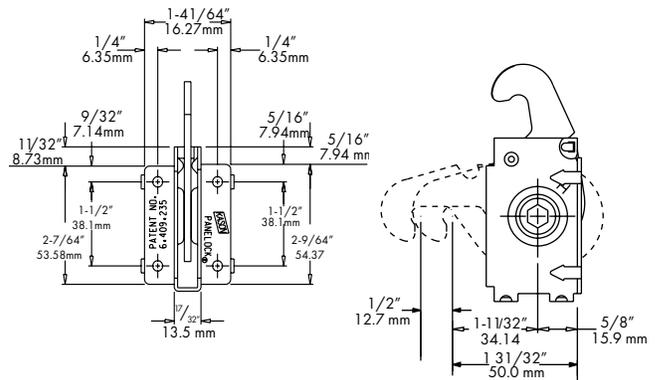


Model No.	Item	Qty./Ctn.	Weight/Carton
71156A00002	Locking Point	150	45 lb. (20kg)
71156B00002	Locking Point	150	47 lb. (21kg)
71156AFM001	Panelock Frontmount Short Hook	50	14.5 lb. (6.6kg)
71156BFM001	Panelock Frontmount Long Hook	20	8 lb. (3.6kg)
71156ASTN02	Stainless Steel Locking Point	150	45 lb. (20kg)
71156BSTN02	Stainless Steel Locking Point	150	47 lb. (21kg)
71156ASR002	Spread Resistant Locking Point	150	45 lb. (20kg)
71156BSR002	Spread Resistant Locking Point	150	45 lb. (20kg)

- 1156 locking points available in all-stainless steel construction for high corrosion or specified applications. See model numbers with STN after the "A" or "B".
- Extra Spread resistant versions of the 1153 and 1156 are available which provide the ultimate in load rating for high-wind load applications. Special cam hub shape resists spreading of the casing under high loads. See models with "SR" after the "A" or "B".

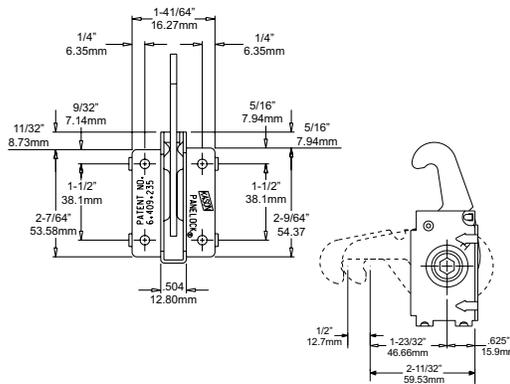


ITEM # 1153A



1153B BARBED LOCKING POINT

Functionally interchangeable with No. 1156B, with added feature of self-securing barbs. Eliminates the need for nails or staples in soft rail materials.



Model No.	Item	Qty./Ctn.	Weight/Carton
71153A00002	Locking Point	150	45 lb. (20kg)
71153B00002	Locking Point	150	47 lb. (21kg)
71153ASR002	Spring Resistant Lock Point	150	45 lb. (20kg)
71153BSR002	Spring Resistant Lock Point	150	47 lb. (21kg)

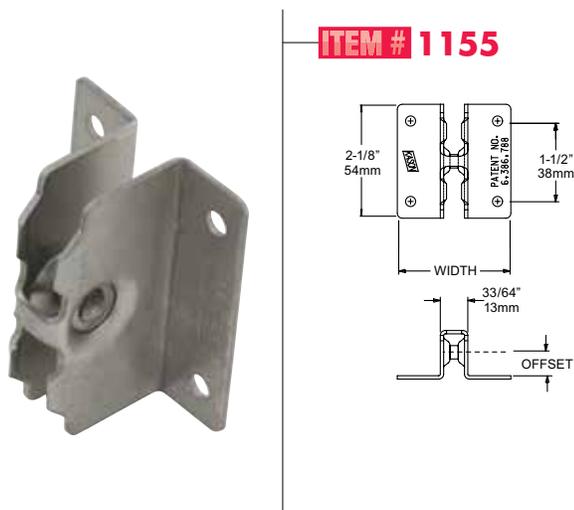
KASON'S UNBREAKABLE PANEL FASTENER STRIKES won't let go under the most severe conditions. Engineered to be the best for use in rigid rail systems, they specifically resist spreading, which can cause other types of rigid rail strikes to pop open. The Kason No. 1154 and No. 1155 actually get stronger the harder they are pulled.

Failed fasteners, for any reason, cause dissatisfied customers and call backs. Rely on Kason to engineer and produce a panel fastener strike that will accommodate the most severe overloads and still hold tight.

U.S. Patents: 6,386,788 and 6,550,125

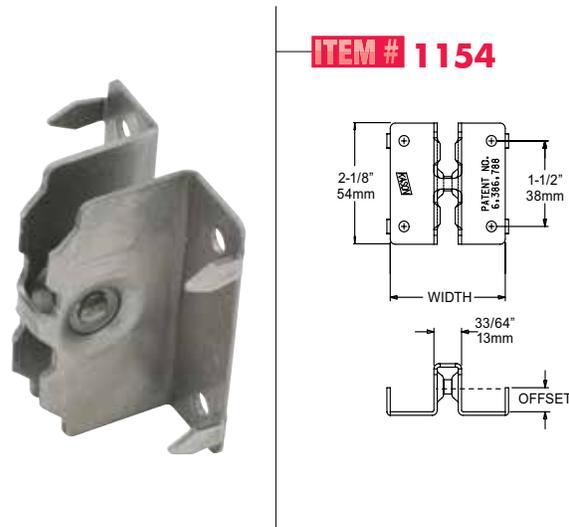
1155 STRIKE

Flange-mounted enclosed strikes eliminate the need to drill a hole for pins. Large flanges help spread the load for better bearing on rails of soft materials. Available in pin-to-flange offsets to suit a wide variety of rail thicknesses. Centerline mark provided for easy positioning.



1154 BARBED STRIKE

Functionally interchangeable with No. 1155 strike, with added feature of self-securing barb. Eliminates the need for nails or staples in soft rail material.



Model No.	Offset	Width	Weight/ Carton
71155000437	7/16" (11mm)	2-1/8" (54mm)	29 lb. (13kg)
71155000500	1/2" (13mm)	2" (51mm)	29 lb. (13kg)
71155000625	5/8" (16mm)	1-3/4" (44mm)	29 lb. (13kg)
71155000688	11/16" (18mm)	1-5/8" (41mm)	29 lb. (13kg)
71155000750	3/4" (19mm)	1-1/2" (38mm)	29 lb. (13kg)
71155000812	13/16" (21mm)	1-3/8" (35mm)	29 lb. (13kg)
Packaging: 250 per carton			

Model No.	Offset	Width	Weight/ Carton
71154000437	7/16" (11mm)	2-9/64" (54mm)	29 lb. (13kg)
71154000500	1/2" (13mm)	2-1/64" (51mm)	29 lb. (13kg)
71154000562	9/16" (14mm)	1-57/64" (48mm)	29 lb. (13kg)
71154000625	5/8" (16mm)	1-49/64" (45mm)	29 lb. (13kg)
71154000688	11/16" (18mm)	1-41/64" (42mm)	29 lb. (13kg)
71154000750	3/4" (19mm)	1-33/64" (38mm)	29 lb. (13kg)
71154000812	13/16" (21mm)	1-25/64" (44mm)	29 lb. (13kg)
Packaging: 250 per carton			

A strike pin yields the highest strength when inserted into drilled holes in rails of hard materials. Standard length is 3-1/4" (82.6mm) for 4" (101.6mm) rails. Use with Nos. 1156 and 1153 locking points.

Model No.	Pin Length	Qty./Ctn.	Weight/Carton
71156000036	3-1/4" (83mm)	500	24 lb. (11kg)
Other lengths available on request.			

SLAB FOAM PANEL FASTENERS

HOW TO BUILD INSULATED PANELS WITHOUT COSTLY TOOLING

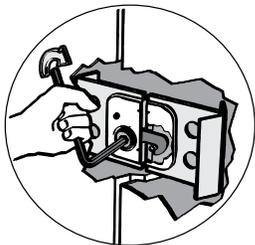
Minimize expensive production equipment when building panels with Styrofoam, styrene bead board or urethane board stock. Combine Kason slab fasteners with 3" (76.2 mm), 4" (101.6 mm) or 6" (152.4 mm) foam board to produce lightweight, prefabricated insulated panels.

Fasteners are grooved to assure that mating panels can be easily aligned on the job site.

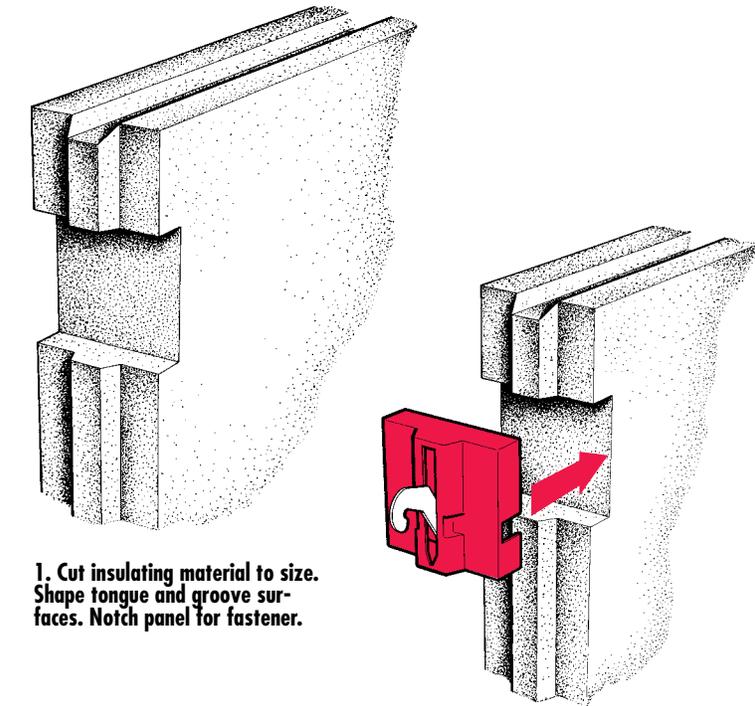
THE DIFFERENCE IS EXPERIENCE

Give customers the durability, strength and value they expect with Kason Panelock™ fasteners. Take advantage of our leadership in innovative design and manufacturing as we constantly refine and improve our panel fasteners to meet the increasing demands of the industry.

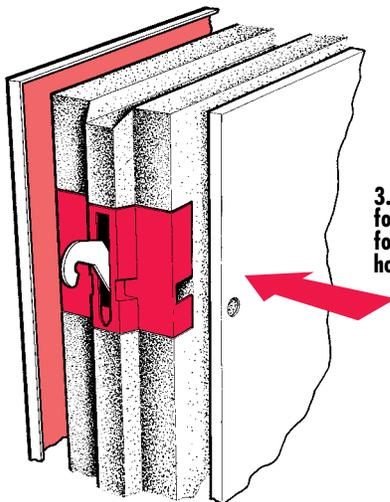
Panel fasteners are the heart of your walk-ins. A job can literally fall apart if just a couple fasteners fail. We take panel fasteners seriously. Manufactured under our roof with uncompromising control, Kason Panelock™ fasteners are produced on the latest state-of-the-art automated equipment that inspects every part as it is made. We do this to assure our customers the highest level of consistency and reliability. Insure the integrity of your walk-ins by specifying Kason Panelock™ panel fasteners.



Use Kason No. 1145 hexagonal wrench for easy locking of all Kason panel fasteners. See page B-117.

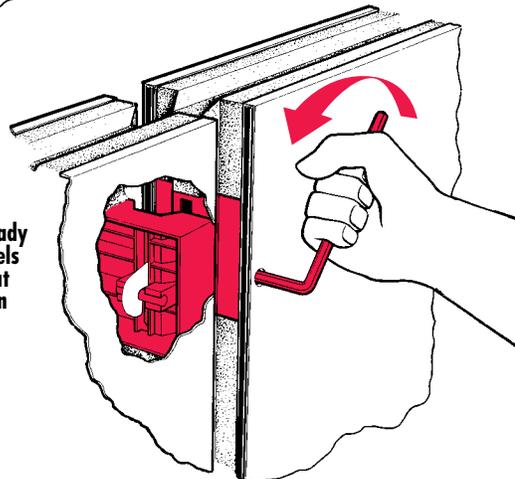


1. Cut insulating material to size. Shape tongue and groove surfaces. Notch panel for fastener.



2. Insert plastic housing, either locking point or strike, as needed.

3. Apply adhesive to metal skins. Laminate foam between two skins and apply pressure for bonding. (Return bend on metal helps to hold fastener in place.)



4. After curing, panels are ready for assembly. Completed panels are easily locked in position at assembly site using the Kason No. 1145 wrench.

KASON PANELOCK™ PANEL FASTENERS

SLAB FOAM FASTENERS

U.S. Patent No. 9,803,403

1151 PLASTIC BLOCK FASTENER

Use this fastener set with slab foam panels when no gasket is required between panels. Provides a firm metal-to-metal and plastic-to-plastic seal.

SPECIFICATIONS

MATERIAL:
Housing - High impact, black thermoplastic. Hook & Pin - Steel.
Cam - High pressure die-cast zinc.

Models available for 4" or 6" foam board.

Model No.	Item	Qty./Ctn.	Weight/Carton
7115100004	Fastener set 4" (102mm)	100	50 lb. (23kg)
7115100006	Fastener set 6" (152mm)	100	68 lb. (31kg)



ITEM # 1151

1152 PLASTIC BLOCK FASTENER

Designed for use where gasketed panel joints are required. When locked, fastener set accommodates up to a 3/32" (2.4 mm) gasket build up between locking point and strike.

SPECIFICATIONS

MATERIAL:
Housing - High impact, white thermoplastic. Hook & Pin - Steel.
Cam - High pressure die-cast zinc

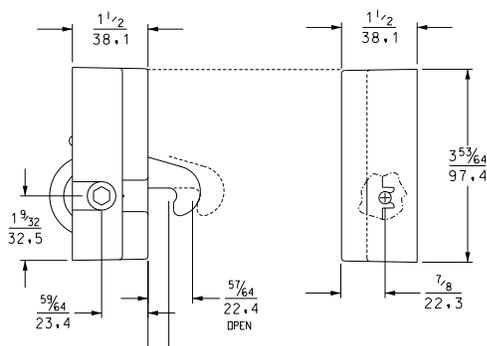
Models available for 3", 4" or 6" foam board

***Size available with foam insulated backing**

Model No.	Item	Qty./Ctn.	Weight/Carton
7115200003	Fastener set 3" (76 mm)	200	78 lb (35 kg)
7115200004	Fastener set 4" (102 mm)	100	50 lb (23 kg)
71152000014	Panel Fastener 4" Hook	160	50 lb (23 kg)
71152000024	Panel Fastener 4" Strike	160	36 lb (16 kg)
71152000044	Pin Hsg Only 4"	160	35 lb (16 kg)
7115200006	Fastener set 6" (152 mm)	100	68 lb (31 kg)
71152FB0004	Fastener set 4" (102 mm) with Foam Insulation (Set)	100	51 lb (23 kg)
71152FB0044	Pin Hsg with Foam Insulation 4"	160	36 lb (16 kg)



ITEM # 1152 & 1152FB



1152FB with foam insulation

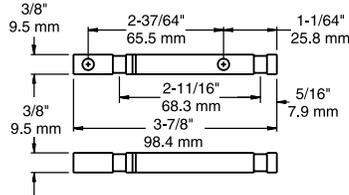
ADAPTERS FOR FOAMED-IN-PLACE FASTENERS

- Exclusive adapters complete the Kason patented system of foamed-in-place panel fasteners.
- Locating grooves on adapters provide center line for easy positioning on rails.
- Case-hardened steel construction for long wear.

Note: **L** adapters accept only locking points
S adapters accept only strikes

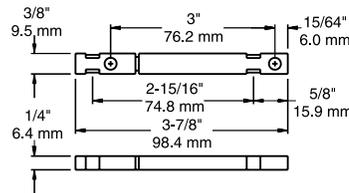
1169L ADAPTER

Use with Nos. 1168, 1169 and 1173 locking points.



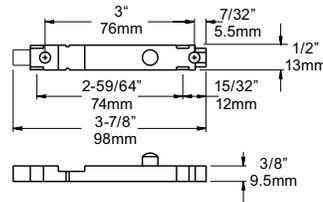
1169S ADAPTER

For use with Nos. 1168, 1169, and 1173.



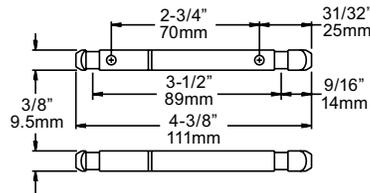
1178S ADAPTER

For use with No. 1178 strike.



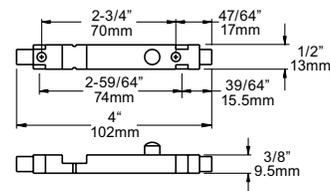
1188L ADAPTER

For use with Nos. 1188 and 1190 locking points.



1188S ADAPTER

For use with Nos. 1188, 1189 and 1190 strikes.



Model No.	Item	Qty./Ctn.	Weight/Carton
71169L00004	Adapter	200	24 lb. (11kg)
71169S00004	Adapter	200	18 lb. (8kg)
71178S00004	Adapter	200	28 lb. (13kg)
71188L00004	Adapter	200	31 lb. (14kg)
71188S00004	Adapter	200	36 lb. (16kg)

SNAP-IN FINISH CAPS

Use to cover wrench hole borings

1138 FINISH CAP

SPECIFICATIONS

MATERIAL: Polyethylene
FINISH: Opaque white or gray
SIZE: 3/4" (19.0mm) diameter



1147 FINISH CAP

SPECIFICATIONS

MATERIAL: Brass
FINISH: Chrome
SIZE: 1/2" (12.7mm) diameter



1145 HEX WRENCH

Required to lock all Kason panel fasteners

SPECIFICATIONS

MATERIAL: Hardened steel
SIZE: 6" x 6" (152.4mm)



Model No.	Item	Qty./Ctn.	Weight/Carton
71138000000	Finish Cap, White	5000	12 lb. (5kg)
71138000004	Finish Cap, Gray	5000	12 lb. (5kg)
71147000004	Snap-in Cap	2000	7 lb. (3kg)
71145000005	Hex Wrench, Hardened Steel	75	20 lb. (9kg)

See pages B-114 for 1172-1174 adapters (jig pins).

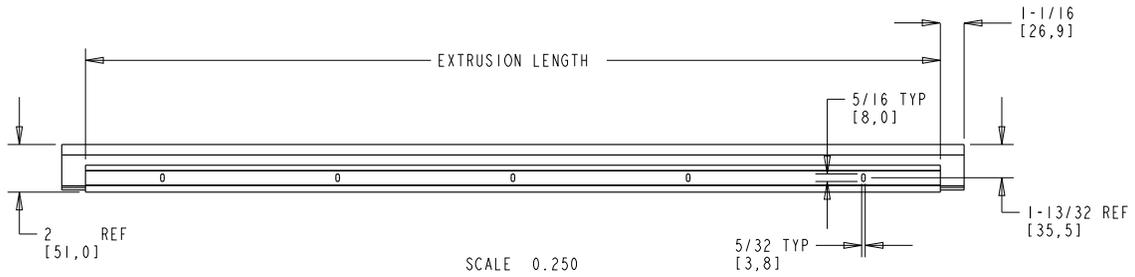
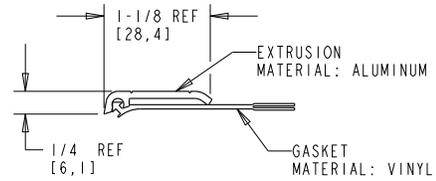
SWEEPER GASKET



100WG SWEEPER GASKET

- Energy saving positive door seal
- Sturdy aluminum extrusion
- Flexible vinyl sweeper
- Slotted mounting holes for proper aligning

Model No.	Item
100WG000036	Sweeper Gasket 36"
100WG000048	Sweeper Gasket 48"



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