WALK-IN REFRIGERATION COMPONENTS

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#CAT-X025-EE 04/13 PRINTED IN U.S.A.

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KEIL® HINGE SELECTOR GUIDE

This hinge selector is designed to assist you in choosing the correct Keil hinges for commercial reach-in and walk-in refrigeration, foodservice equipment, transportation, industrial and other applications. The Load Chart below shows our recommended allowable load per pair of hinges for each hinge group.

The data supplied in this chart applies for normal operating conditions under static loading by door weight only. Other factors, such as positive or negative pressure, high gasket compression, lateral stress, corrosive or abrasive environments, or structural movement are not taken into account. It is the ultimate responsibility of the user to determine the suitability and capacity required for their specific application.

HOW TO USE THIS CHART

1. Locate the weight of your door in the far left column, headed DOOR WEIGHT.
2. Find the width of your door along the bottom of the chart.
3. Where the weight line and width column intersect, find the recommended hinge group code (A, B, etc.)
4. Select your hinges from the Keil® hinge groups below.

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

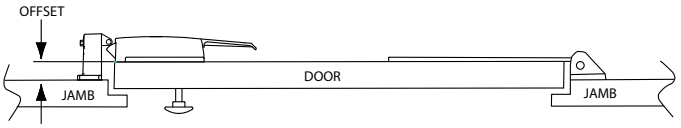
Hinge Groups A-C Shown in REACH-IN, Section E
Hinge Groups D-J Shown in WALK-IN, Section EE

KEIL® HINGE GROUPS

GROUP	HINGE MODEL NUMBERS
A	R20-1010, R20-1020, R45-1010, R40-1010, R42-2840, R42-2841, R42-2842, R42-2843, R42-2842-BR
B	R42-2000, R42-2855, R56 SERIES
C	R50-2850, R50-2850-SPO, R50-2850-BLK, R50-2850-SS, R50-2850-NL, R50-2850-BA
D	W60 SERIES, W99-6015-SS, W99-4100-SSRH, W99-4100-SSLH, W55-1000, W56-1000
E	N/A
F	W99-2000, W99-2000-GE, W99-2062-G6, W77-1625
G	N/A
H	N/A
J	N/A

HOW TO DETERMINE OFFSET FOR HINGES AND LATCHES

With door closed, measure the distance from the jamb to the door face.



DOOR WEIGHTS		LOAD CHART																				
kg.	lb.																					
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	E	F	F	F	G	G	G	G	H	H	H	H	H	H	H	J	J	J
199.5	440	D	D	D	E	F	F	F	G	G	G	G	G	H	H	H	H	H	H	H	J	J
190.5	420	D	D	D	E	F	F	F	F	G	G	G	G	H	H	H	H	H	H	H	H	J
181.4	400	D	D	D	E	E	F	F	F	G	G	G	G	G	H	H	H	H	H	H	H	H
172.4	380	D	D	D	D	E	F	F	F	F	G	G	G	G	G	H	H	H	H	H	H	H
163.3	360	D	D	D	D	E	E	F	F	F	G	G	G	G	G	G	H	H	H	H	H	H
154.2	340	D	D	D	D	E	E	F	F	F	F	G	G	G	G	G	G	H	H	H	H	H
145.2	320	C	D	D	D	D	E	E	F	F	F	F	G	G	G	G	G	G	H	H	H	H
136.1	300	C	D	D	D	D	D	E	E	F	F	F	F	F	G	G	G	G	G	G	G	H
127.0	280	C	D	D	D	D	D	E	E	F	F	F	F	F	G	G	G	G	G	G	G	H
117.9	260	C	C	D	D	D	D	D	E	E	F	F	F	F	F	G	G	G	G	G	G	G
108.9	240	C	C	D	D	D	D	D	D	E	E	F	F	F	F	F	F	G	G	G	G	G
99.8	220	C	C	C	D	D	D	D	D	D	E	E	E	F	F	F	F	F	F	G	G	G
90.7	200	B	C	C	D	D	D	D	D	D	D	E	E	E	F	F	F	F	F	F	F	G
81.7	180	B	C	C	C	D	D	D	D	D	D	D	E	E	E	E	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
63.5	140	B	B	C	C	C	C	D	D	D	D	D	D	D	D	D	D	E	E	E	E	F
54.4	120	B	B	B	C	C	C	C	C	D	D	D	D	D	D	D	D	D	D	D	E	E
45.4	100	A	B	B	B	B	C	C	C	C	C	D	D	D	D	D	D	D	D	D	D	D
36.3	80	A	A	B	B	B	B	B	C	C	C	C	C	C	D	D	D	D	D	D	D	D
27.2	60	A	A	A	A	B	B	B	B	B	B	C	C	C	C	C	C	C	C	C	D	D
18.1	40	A	A	A	A	A	A	A	A	B	B	B	B	B	B	B	B	B	C	C	C	C
9.0	20	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B
DOOR WIDTH	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

LED LIGHT FIXTURES FOR COOLER/FREEZER APPLICATIONS

4 Foot Model

2 Foot Model

HIGHEST LUMEN/WATT IN THE INDUSTRY

MODEL NO.	LED LIGHT-COMPLETE
LED48X6222W	48” (1219mm) LED LIGHT, (2) 22W LAMPS, 120V
LED48X6218W	48” (1219mm) LED LIGHT, (2) 18W LAMPS, 120-277V
LED24X418W	24” (610mm) LED LIGHT, (1) 8W LAMP, 120-277V
MODEL NO.	**LED LAMP ONLY**
LED-212022	48” (1219mm) LED LAMP ONLY, 22W 120V/60Hz
LED-212018	48” (1219mm) LED LAMP ONLY, 18W 120-277V
LED-200013	24” (610mm) LED LAMP ONLY, 8W 120-277V

- Low profile design is ideal for walk-in coolers & freezers
- Resilient, one-piece silicone gasket rated IP-65 for damp & wet locations
- Superior highly-polished aluminum reflector improves light output
- Corrosion-free, high impact polycarbonate housing
- Clear, high impact polycarbonate lens with ribs for max. light dispersion
- Supplied with NEC-approved luminaire disconnects
- Operating temperature range from -40°F to 104°F (-40°C to 40°C)
- Provided with stainless steel mounting hardware and European Type PG-16 conduit connector
- Bulb life rated 50,000 + hours
- 5 year limited warranty on housing
- 1 year limited warranty on LED lamps

- **ENVIRONMENTALLY FRIENDLY**... LED lamps draw less wattage, saving you 50-80% over standard fluorescent and incandescent fixtures with similar light output, also reduces landfill waste and contains NO harmful mercury

- **REDUCES OPERATING EXPENSES...** less energy consumption means lower electrical bills, longer bulb life means lower maintenance and replacement costs and reduced incidences of unsightly bulb outages

- **CONVENIENT...** Instant On - no ballast or starter to warm up in cold environments, eliminates flickering and buzzing associated with fluorescent fixtures

- **SUPERIOR LIGHT QUALITY...** brilliant, focused light output at the work surface surpasses that of conventional fluorescent and incandescent fixtures

- Eligible for **LEED®** Credit... on Green building projects

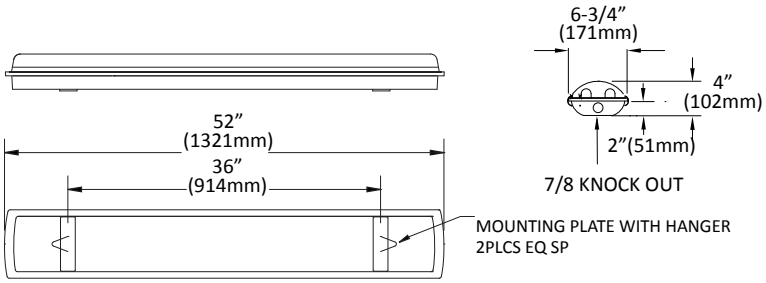
CHG go green

FILE NO. 3188926

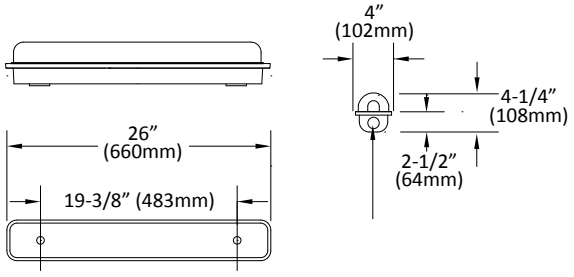
COMPONENT

18W Lamp: (2 each) 120-277 VAC, 50/60 Hz,18W, 5500K color temp.
Total Output: 2900 Lumens

22W Lamp: (2 each) 120 VAC, 60 Hz, 22W, 5500K color temp.
Total Output: 3600 Lumens



8W Lamp: (1 each) 120-277 VAC, 50/60 Hz, 8W, 5500K color temp.
Total Output: 700 Lumens



ECONOMICAL LOW PROFILE COOLER-FREEZER LIGHT FIXTURES

- Energy efficient high power factor T-5 HO electronic ballasts reduce operating costs and power consumption
- Light fixtures generate less heat, reducing the cost to maintain low operating temperatures
- Minimum operating temperature for freezer applications is -20°F (-29°C) for the T5 ballast
- Resilient, one piece silicone gasket rated IP-65 for damp and wet locations
- Superior highly-polished reflector improves light output
- Corrosion free high impact polycarbonate housing
- Clear, high impact polycarbonate lens
- Supplied with NEC approved luminaire disconnects
- Provided with stainless steel mounting hardware and European Type PG-16 conduit connector

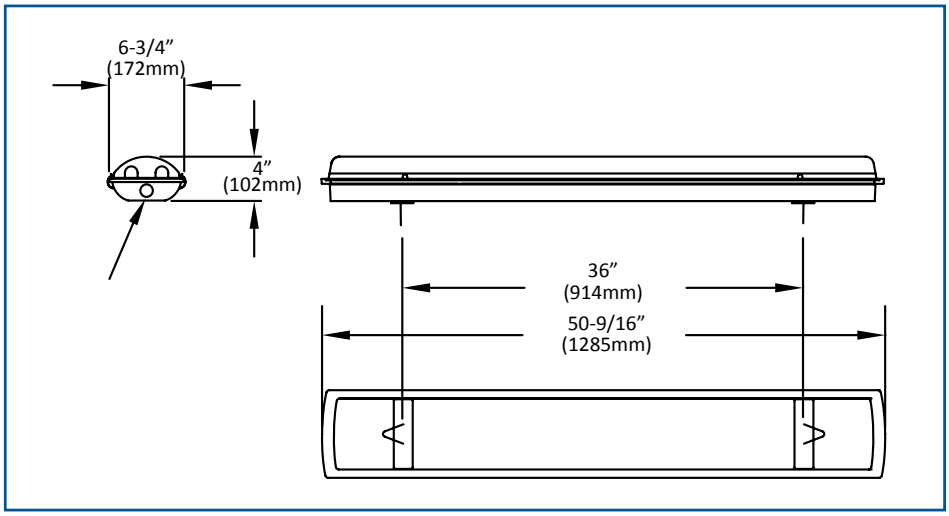
CHG go green

MODEL NO.	SIZE	LAMPS	VOLTAGE
CFL-36U54X2T5	48” Housing	(2EA.) F54T5HO	UNV= 120 -277V, 50-60 Hz

NOTE: LAMPS NOT PROVIDED - REPLACEMENT BULBS AVAILABLE, ORDER AS **CFL-5EH54W841**

c UL us
File No.E240378

NSF COMPONENT



VXS-CFL SERIES
SURFACE MOUNT COMPACT
FLUORESCENT REFRIGERATION LIGHTING FIXTURE

Up To 75% Energy Savings

- **EXCEPTIONAL LIGHT OUTPUT** - 26W lamp produces 1650 lumens (over 60 lumens output per watt)
- **ENERGY EFFICIENT** – 26W compact fluorescent lamp uses approximately 75% less energy than a standard 100W incandescent bulb
- **COST EFFICIENT** – Compact fluorescent lamp lasts up to 10 times longer than standard incandescent bulbs, resulting in lower operating and maintenance costs
- **LONG LAMP LIFE** – up to 10,000 hours
- **UL LISTED** – suitable for damp locations
- **BULB** has integral rapid start electronic ballast with flicker-free performance
- Uses standard GU24 bi-pin base compact fluorescent lamps
- 2 year manufacturer's warranty on bulbs
- Ideal for Walk-In Cooler applications

SPECIFICATIONS

LAMP BASE:	GU24 bi-pin
BALLAST TYPE:	Electronic, Instant start (in bulb)
WATTAGE:	26W Compact fluorescent lamp Included
VOLTAGE:	120V AC, 50/60Hz
BALLAST OPERATING TEMP. RANGE:	0°F (-18°C) to 194°F (90°C)
LIGHT OUTPUT COLOR:	2700K (CRI = 84)
FIXTURE BODY & JUNCTION BOX:	Die cast aluminum
GASKETS:	Cork and composition fiber
GLOBE:	Silicone coated glass
WIRE GUARD:	Plated steel
OVERALL SIZE:	4-1/4"(108mm) diameter, 9-1/4"(235mm) long with wire guard
CONDUIT ENTRY:	1/2" NPS (4) side openings and (1) top opening. Threaded metal plugs are provided for openings not being utilize

CHG go green

NSF COMPONENT

c UL us LISTED File No. E240378

MODEL NO.	DESCRIPTION
VXS-CFL-GL	Light Fixture w/Glass Globe & CFL Bulb
VXS-CFL-PX	Light Fixture w/Silicone Coated Glass Globe & CFL Bulb
VXS-CFL-PC	Light Fixture w/Polycarbonate Globe & CFL Bulb
VXS-CFL-GL-WG	Light Fixture w/Glass Globe, Wire Guard & CFL Bulb
VXS-CFL-PX-WG	Light Fixture w/Silicone Coated Glass Globe, Wire Guard & CFL Bulb

REPLACES* KASON #1806 WITH KEIL QUALITY HARDWARE

A

B

C

VXS-CFL LIGHTING FIXTURE REPLACEMENT PARTS		
REF.	MODEL NO.	DESCRIPTION
A	VXS-CFL-X007	26W Spiral Compact Fluorescent Replacement Lamp (48/case)
B	VXS-CFL-X026	Porcelain Socket GU24Bi-Pin Base
C	VXS-CFL-Y010	Junction Box Assembly Complete With Lamp Housing

VXS SERIES
SURFACE MOUNT INCANDESCENT REFRIGERATION LIGHTING FIXTURE

- U.L. LISTED..."suitable for damp locations"
- C.S.A. CERTIFICATION LISTING..."enclosed and gasketed"
- NSF COMPONENT LISTING

U.L. MODEL NO.	CSA MODEL NO.	DESCRIPTION
VXS-100-GL	VXS-CSA-GL	FURNISHED W/ GLASS GLOBE
VXS-100-PX (NSF LISTED)	VXS-CSA-PX	FURNISHED W/ PLASTIC COATED GLASS GLOBE
VXS-100-PC (NSF LISTED)	VXS-CSA-PC	FURNISHED W/ POLYCARBONATE GLOBE
VXS-100-GL-WG	VXS-CSA-GL-WG	FURNISHED W/ GLASS GLOBE AND WIRE GUARD
VXS-100-PX-WG	VXS-CSA-PX-WG	FURNISHED W/ PLASTIC COATED GLASS GLOBE AND WIRE GUARD

REPLACES* KASON #1802, 1803, AND 1804 WITH KEIL QUALITY HARDWARE

SPECIFICATIONS

FIXTURE BODY: Die cast aluminum
JUNCTION BOX: Die cast aluminum
SOCKET: Porcelain body with copper shell
WATTAGE: Accepts standard 100 watt A19 bulb (not furnished)
VOLTAGE: Rated up to120 volts
GASKETS: Cork and composition fiber
GLOBE: Clear lime glass or plastic silicone coated lime glass or impact resistant polycarbonate material
WIRE GUARD: Plated steel
OVERALL SIZE: 4-1/4"(108mm) diameter, 9-1/4"(235mm) long with wire guard
CONDUIT ENTRY: 1/2" NPS (4) side openings and (1) top

c UL us
File No. E80045

NSF COMPONENT

CSA

VXS SERIES LIGHTING FIXTURE REPLACEMENT PARTS

(REF. A)
PORCELAIN SOCKET
COMPLETE WITH COPPER SHELL
MODEL NO. L10-X026

(REF. B)
JUNCTION BOX ASSEMBLY
COMPLETE WITH LAMP HOUSING
MODEL NO. L10-Y010

(REF. C)
LAMP HOUSING
COMPLETE WITH PORCELAIN SOCKET AND REQUIRED GASKETS
MODEL NO. L10-Y016

(REF. D)
JUNCTION BOX
COMPLETE WITH (4) 1/2" NPS CONDUIT OPENINGS AND THREADED PLUGS
MODEL NO. L10-Y005

(REF. E)
WIRE GUARD
MODEL NO. L10-X020

(REF. F)
GLOBE, POLYCARBONATE PLASTIC
MODEL NO. L10-X008

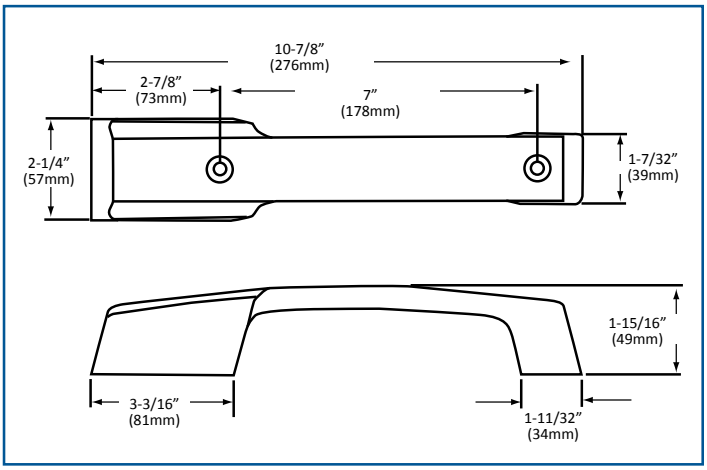
(REF. G)
GLOBE, PLASTIC SILICONE COATED GLASS
MODEL NO. L10-X007

(REF. H)
GLOBE, CLEAR LIME GLASS
MODEL NO. L10-X006

W29 SERIES DOOR PULL HANDLES

A

NSF COMPONENT



- Heavy-duty high pressure zinc die-casting
- Satin chrome finish will not show fingerprints
- Polished chrome finish available
- Ergonomic design offers comfortable and easy door opening
- Non-handed-reversible feature for right or left hand swinging doors
- Concealed tamper-resistant mounting
- Ideal for all magnetic framed doors

REF.	MODEL NO.	DESCRIPTION	FINISH
A	**W29-1000**	WITHOUT CYLINDER	SATIN CHROME
NOT SHOWN	**W29-2000**	WITHOUT CYLINDER	POLISHED CHROME

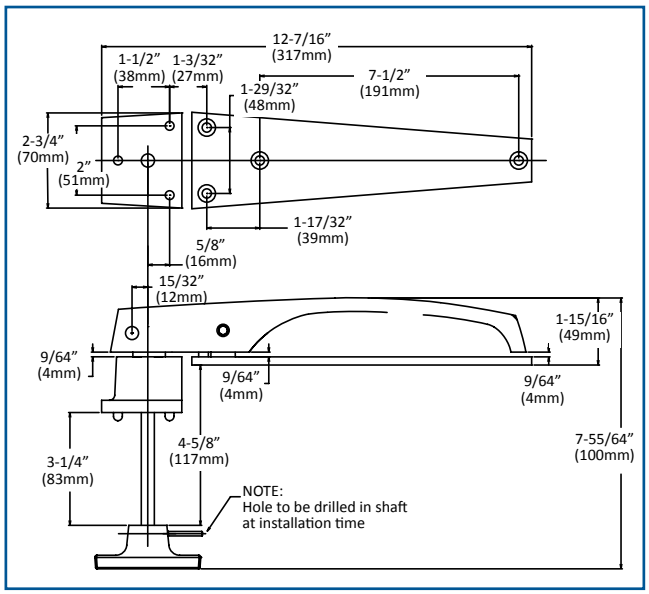
REPLACES* KASON #1229 & 1229C WITH KEIL QUALITY HARDWARE

W31 SERIES
MAGNETIC DOOR BREAKER-ACTION HANDLE

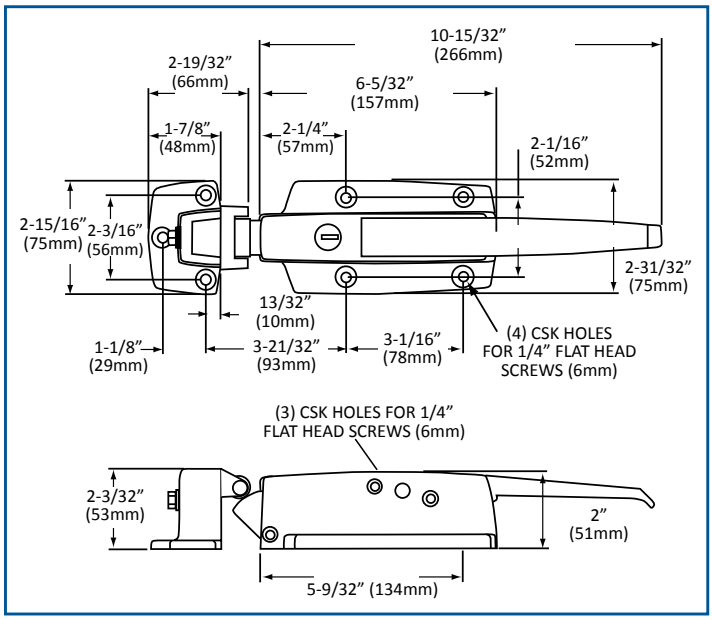
- For Refrigeration Doors with Magnetic Gaskets
- Aluminum Sand Cast Construction
- Breaker Action Promotes Easy Door Opening
- Satin Finish
- Padlock and Cylinder Lock Models Available
- Complete with Inside Safety Release
- For Doors with 1-3/8" (35mm) Offset
- Inside Release Designed for 4-5/8" (117mm) Door Thickness*

  * Other lengths available on application

MODEL NO. W31-1000



REPLACES* STANDARD KEIL (#2820 & 9180) AND DENT (D-83) WITH KEIL QUALITY HARDWARE



W19 SERIES SAFETY LATCHES DESIGNED ESPECIALLY FOR WALK-IN REFRIGERATORS AND FREEZERS

- **AVAILABLE IN POLISHED CHROME OR SATIN CHROME FINISH**

HEAVY- DUTY CONSTRUCTION... to provide the impact resistance required in heavy traffic areas. The latch body is constructed of reinforced die cast Zamak and furnished with a solid handle. All inner working parts and back plate are manufactured of solid stainless steel, unlike competitors models that can rust and leave unsightly stains on doors.

TAMPER PROOF DESIGN... eliminates pilferage of costly food stocks. Bolt cannot be retracted from the outside when latch is cylinder locked or padlocked. Yet with safety inside release mechanism occupants can safely exit even if latch is locked or padlocked.

FRICTION FREE OPERATION... provided by utilizing roller bolt retraction combined with roller strike action. Eliminates wear and allows doors to close smoothly and easily without slamming, while offering superb gasket compression.

EASY LIFT HANDLE... user friendly requires minimal hand pressure to completely retract bolt from strike. Low 1-1/2"(38mm) handle rise eliminates tugging and wrist twisting.

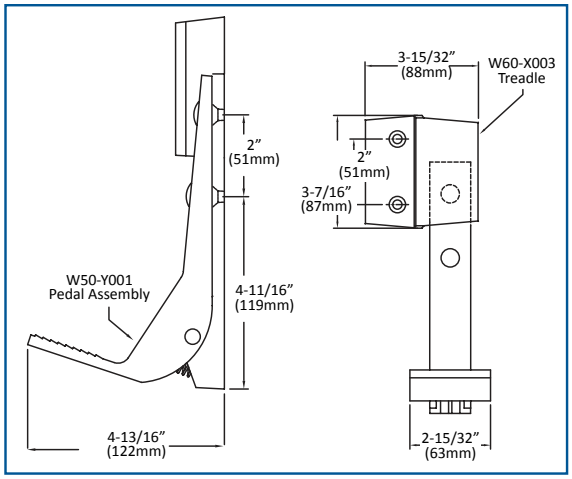
EASILY ADJUSTED STRIKE ASSEMBLY... offers variable offset adjustment permitting field adjustment for door gasket wear.

MODEL NO.	DESCRIPTION	FINISH	OFFSET
W19-1000	NO CYLINDER LOCK	POLISHED CHROME	-1/8" TO 3/8" (-3mm TO 10mm)
W19-1000-C	WITH CYLINDER LOCK	POLISHED CHROME	
W19-1000-SN	NO CYLINDER LOCK	SATIN CHROME	
W19-1000-C-SN	WITH CYLINDER LOCK	SATIN CHROME	
W19-1500	NO CYLINDER LOCK	POLISHED CHROME	3/4" TO 1-5/8" (19mm TO 41mm)
W19-1500-C	WITH CYLINDER LOCK	POLISHED CHROME	
W19-1500-SN	NO CYLINDER LOCK	SATIN CHROME	
W19-1500-C-SN	WITH CYLINDER LOCK	SATIN CHROME	
W19-2000	NO CYLINDER LOCK	POLISHED CHROME	1-5/8" TO 2-1/2" (41mm TO 64mm)
W19-2000-C	WITH CYLINDER LOCK	POLISHED CHROME	
W19-2000-SN	NO CYLINDER LOCK	SATIN CHROME	

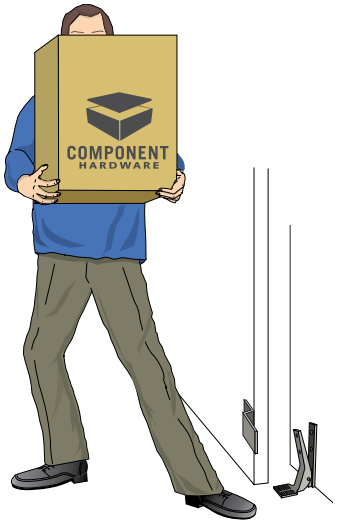
REPLACES* KASON #58, 59 AND 77 WITH KEIL QUALITY HARDWARE

FOOT TREADLE

For Safe & Convenient Hands-Free Door Operation



REPLACES* STANDARD KEIL (#2890 & 9183), DENT (D-82) AND KASON (1230) WITH KEIL QUALITY HARDWARE



- Non-skid pedal surface
- Stainless Steel pin and low friction bearings
- Reversible for right or left hand door swing
- Length–7-3/4" (197mm)
- Material–Aluminum
- Brushed Aluminum Finish
- Offset–Flush
- Screw Holes– 1/4" (6mm) Hole, 82˚ Countersunk

MODEL NO.
W50-1000

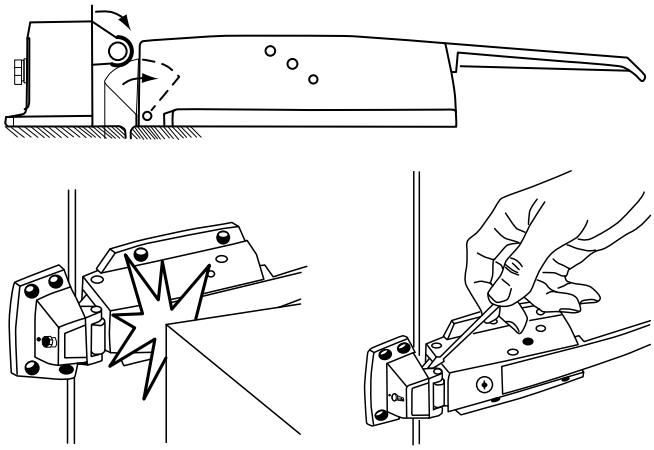
W38 SERIES SAFETY LATCHES
DESIGNED ESPECIALLY FOR WALK-IN REFRIGERATORS AND FREEZERS

- **AVAILABLE IN POLISHED CHROME OR SATIN CHROME FINISH**

- EASY LIFT HANDLE
- HEAVY- DUTY CONSTRUCTION
- FRICTION-FREE OPERATION
- EASILY ADJUSTED STRIKE ASSEMBLY
- TAMPER PROOF DESIGN

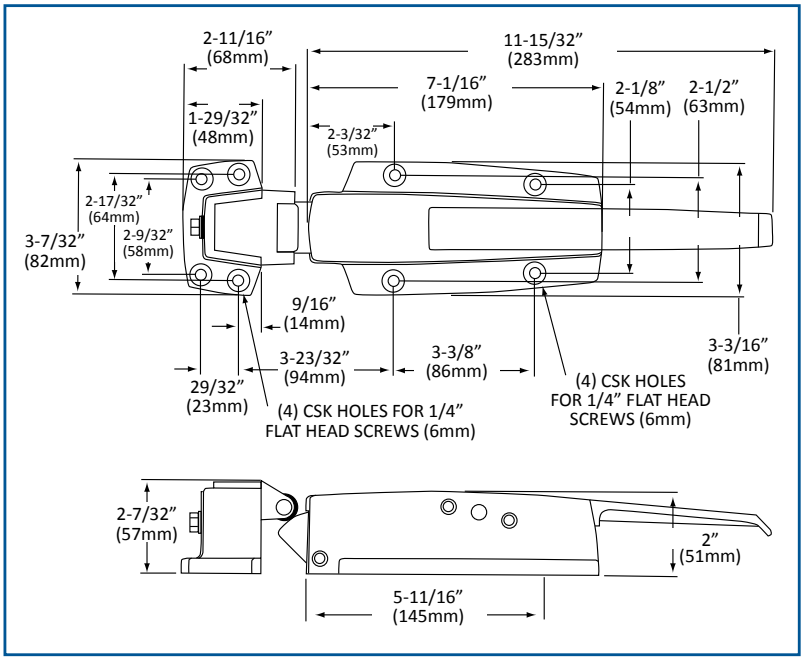
NSF COMPONENT

MODEL NO.	DESCRIPTION	FINISH	OFFSET
W38-1000	NO CYLINDER LOCK	POLISHED CHROME	-1/8" TO 3/8" (-3mm TO 10mm)
W38-1000-C	WITH CYLINDER LOCK	POLISHED CHROME	
W38-1000-SN	NO CYLINDER LOCK	SATIN CHROME	
W38-1000-C-SN*	WITH CYLINDER LOCK	SATIN CHROME	
W38-1500	NO CYLINDER LOCK	POLISHED CHROME	3/4" TO 1-5/8" (19mm TO 41mm)
W38-1500-C	WITH CYLINDER LOCK	POLISHED CHROME	
W38-1500-SN	NO CYLINDER LOCK	SATIN CHROME	
W38-1500-C-SN*	WITH CYLINDER LOCK	SATIN CHROME	
W38-2000	NO CYLINDER LOCK	POLISHED CHROME	1-5/8" TO 2-1/2" (41mm TO 64mm)
W38-2000-C	WITH CYLINDER LOCK	POLISHED CHROME	
W38-2000-SN	NO CYLINDER LOCK	SATIN CHROME	
W38-2000-C-SN*	WITH CYLINDER LOCK	SATIN CHROME	



REPLACES* KASON #56 WITH KEIL QUALITY HARDWARE
*NOTE: Non-stock item

SUPER HEAVY-DUTY CONSTRUCTION... and large body profile latch is designed to withstand the most rigorous of commercial kitchen or cold room environments. Latch handle is produced of lifetime **SOLID FORGED BRASS** construction. All inner working parts and back plate are manufactured of solid stainless steel which provide a rugged, smooth and rust-free operation.



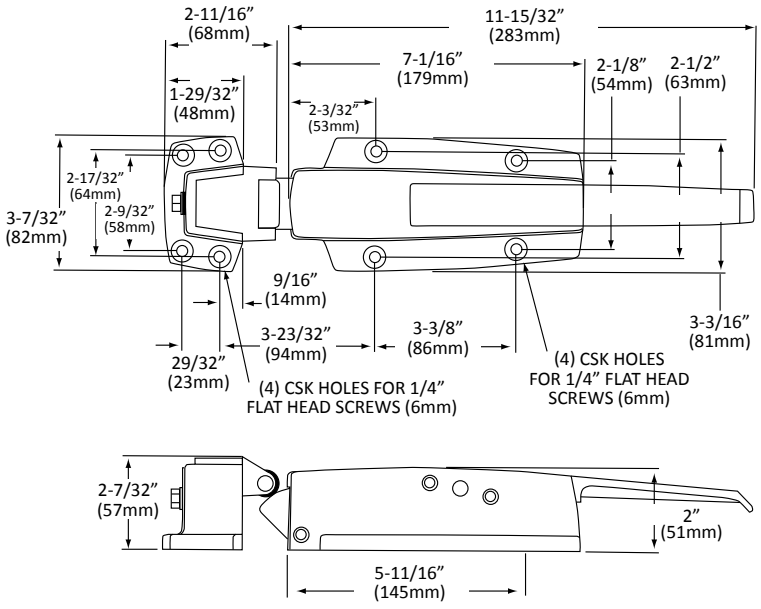
W99 SERIES INVESTMENT CAST SAFETY LATCHES

- The **ONLY ALL STAINLESS LATCH** available today's market
- Solid stainless steel construction throughout
- Ideal for highly corrosive and humid environments
- Ideal for marine applications, outside cold rooms and commercial refrigerated truck bodies
- Rugged heavy-duty lifetime construction
- Tamper-proof design
- Padlock feature on all latches for maximum security
- Cylinder lock model also available

MODEL NO.	DESCRIPTION
W99-3800-SS LATCH	FLUSH TO 3/8" OFFSET
W99-3800-SS-C	LATCH WITH LOCK
W99-3805-SS LATCH**	3/8" TO 3/4" OFFSET
W99-3815-SS LATCH	3/4" TO 1-5/8" OFFSET
W99-3815-SS-C	LATCH WITH LOCK
W99-3820-SS LATCH	1-5/8" TO 2-1/2" OFFSET
W28-2300-SS INSIDE RELEASE	INSIDE RELEASE FOR 3" (76mm) DOOR THICKNESS
W28-2400-SS INSIDE RELEASE	INSIDE RELEASE FOR 4" (102mm) DOOR THICKNESS
W28-2413-SS INSIDE RELEASE	INSIDE RELEASE FOR 4-1/8" (105mm) DOOR THICKNESS

**Non-Stock Item

NSF COMPONENT

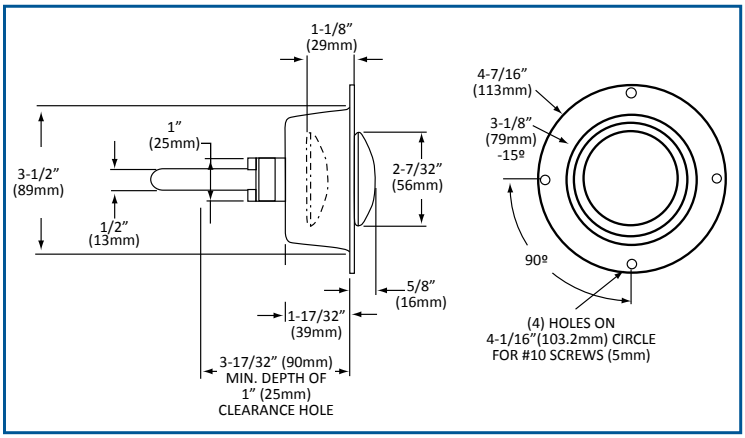


REPLACES* KASON #0556 WITH KEIL QUALITY HARDWARE

W28 SERIES INSIDE SAFETY RELEASES FOR RECESSED MOUNT

- **SURFACE MOUNT AND FLUSH MOUNT STYLES** are available
- **GLOW-IN-THE- DARK KNOB** meets all industry safety standards
- Durable **SOLID FIBERGLASS REINFORCED** polyester pushrod provides years of smooth, safe, frost-free operation and eliminates conductivity of cold air
- Short Stroke engineering provides **IMMEDIATE INSIDE RELEASE** even if latch is cylinder locked, padlocked or both
- **RECESSED DESIGN** protects knob from exposure to traffic of heavy crates, hand trucks and loading vehicles
- **ALL STANDARD DOOR THICKNESSES** are available

ADDITIONAL ROD SIZES FOR VARYING DOOR THICKNESSES AVAILABLE ON APPLICATION



SPECIFICATIONS

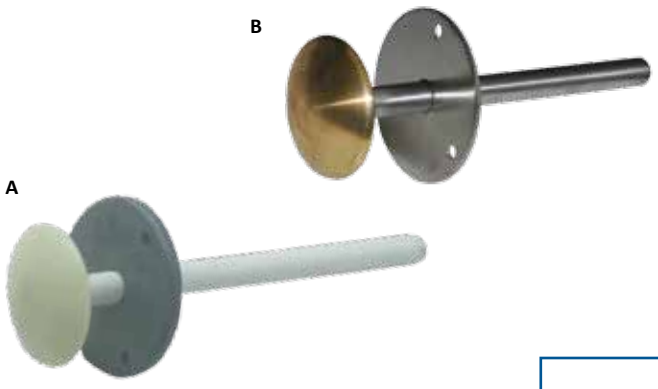
KNOB: GLOW-IN-THE-DARK SAFETY GREEN THERMOPLASTIC
FLANGE: GREY THERMOPLASTIC
PUSH ROD: NON-CONDUCTIVE FIBERGLASS REINFORCED POLYESTER
NOTE: INSIDE RELEASES MUST BE ORDERED SEPARATELY

RECESSED MOUNT

MODEL NO.	DOOR THICKNESS
W28-3400	4" (102mm)
W28-3600	6" (152mm)
W28-3800	8" (203mm)

REPLACES* KASON #489 WITH KEIL QUALITY HARDWARE

W28 SERIES INSIDE SAFETY RELEASES FOR SURFACE MOUNT



REF. B

STAINLESS STEEL INSIDE RELEASES AND BRASS RODS (SPECIAL ORDER)

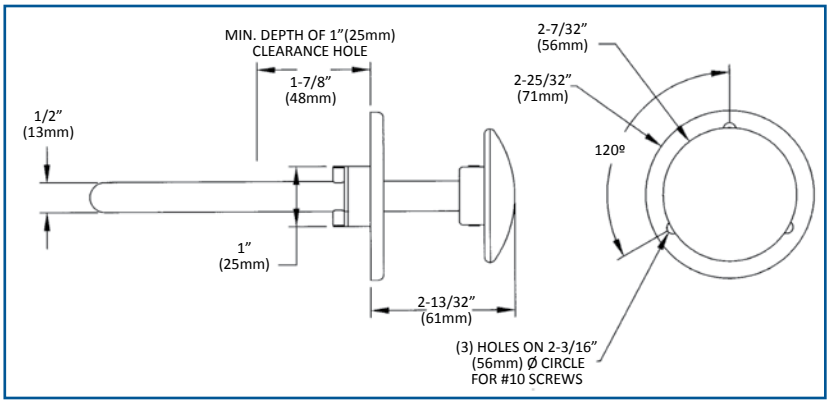
MODEL NO.	DESCRIPTION
W28-2400-SS	S/S ROD FOR 4" (102mm) WALL WITH BRASS KNOB
W28-2300-SS	S/S ROD FOR 3" (76mm) WALL WITH BRASS KNOB
W28-2605	BRASS ROD FOR 6" (152mm) WALL

REPLACES* KASON #487, 481 AND 482 WITH KEIL QUALITY HARDWARE

REF. A

SURFACE MOUNT

MODEL NO.	DOOR THICKNESS
W28-2325	3-1/4" (83mm)
W28-2400	4" (102mm)
W28-2600	6" (152mm)
W28-2800	8" (203mm)



PANIC BAR W/INSIDE SAFETY RELEASE

MODEL NO. W28-1000

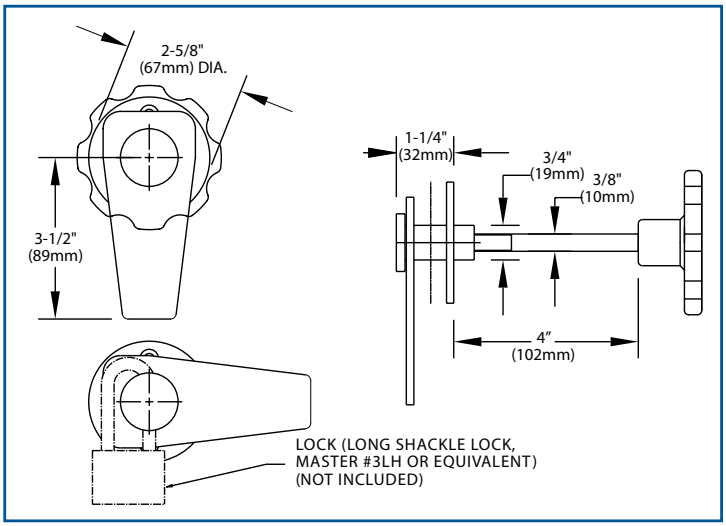
- STURDY ALUMINUM CONSTRUCTION
- GLOW-IN-THE-DARK REFLECTIVE STRIP

PADLOCK HASP WITH INSIDE SAFETY RELEASE

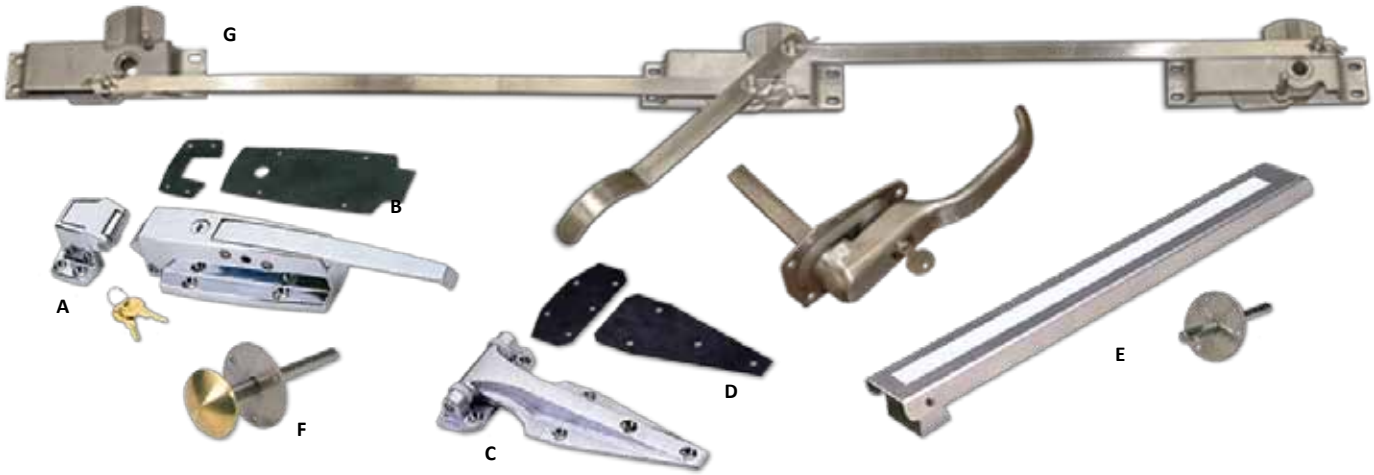
MODEL NO. W29-5000-4

- For 4” (102mm) wall and flush door
- External parts are 300 series stainless steel with satin finish
- Plate can be locked in lock/open as well as locked/closed position
- Concealed mounting holes utilize #10 or #12 flat head screw
- Plastic glow in the dark inside release knob on solid brass rod

Simple padlocking hasp secures any walk-in cooler or freezer door.



Hardware Designed Specifically for Outdoor Structures



SPECIALTY HARDWARE FOR OUTDOOR APPLICATION

• IDEAL FOR HIGHLY CORROSIVE AND HUMID ENVIRONMENTS
• IDEAL FOR MARINE APPLICATIONS, OUTSIDE COLD ROOMS AND COMMERCIAL REFRIGERATED TRUCK BODIES
• RUGGED HEAVY-DUTY LIFETIME CONSTRUCTION • TAMPER-PROOF DESIGNS

NSF COMPONENT

REF.	MODEL NO.	DESCRIPTION
A	W38-1000-C	LATCH AND STRIKE
B	W99-0100-L	LATCH GASKET
C	W99-2000	HINGE, CHROME PLATED BRASS, FLUSH
C	W99-2001	HINGE, CHROME PLATED BRASS, FLUSH w/BRONZE BUSHINGS
	W99-2062	HINGE, CHROME PLATED BRASS, 5/8" OFFSET
	W99-2063	HINGE, CHROME PLATED BRASS, 5/8" OFFSET w/BRONZE BUSHINGS
D	W99-0100-H	HINGE GASKET
E	W28-1000	PANIC BAR W/INSIDE RELEASE
F	W28-2300-SS	STAINLESS STEEL INSIDE RELEASE FOR 3" (76 mm) DOOR THICKNESS
G	W37-3000-SS*	STAINLESS STEEL THREE POINT LATCH

*NOT NSF LISTED

ALSO AVAILABLE AS COMPLETE ASSEMBLIES:

W38-1000-C-GE	HEAVY-DUTY LATCH KIT INCLUDES FLUSH MOUNT LATCH WITH CYLINDER, GASKET & INSIDE RELEASE
W38-6000-C-GE	WALK-IN LATCH ASS'Y WITH GASKETS, ALUMINUM PANIC BAR W/ S/S INSIDE RELEASE ASSEMBLY
W99-2000-GE	HINGE KIT CHROME PLATED BRASS, FLUSH MOUNT W/ GASKETS INCLUDED
W99-2001-GE	HINGE KIT CHROME PLATED BRASS, FLUSH MOUNT, GASKETS INCLUDED w/BRONZE BUSHINGS
W99-2062-GE	HINGE KIT CHROME PLATED BRASS, 5/8" OFFSET, INCLUDES GASKETS
W99-2063-GE	HINGE KIT CHROME PLATED BRASS, 5/8" OFFSET, INCLUDES GASKETS w/BRONZE BUSHINGS

W38 SERIES HEAVY-DUTY WALK-IN DOOR SAFETY LATCHES

- Available in polished chrome or satin chrome finish
- Super heavy-duty construction and large body profile latch designed to withstand the most rigorous conditions
- Handle is solid forged brass, inner working parts and back plate are solid stainless steel for smooth and rust-free operation

REPLACES* KASON #56 WITH KEIL QUALITY HARDWARE

W99 SERIES HEAVY-DUTY HINGE

- Available in chrome plated brass
- Available in flush or 5/8" (16mm) offset
- Heavy-duty construction to withstand rigorous conditions
- Models available with OILITE® bronze bushings for added strength & durablilty

W28 SERIES STAINLESS STEEL INSIDE RELEASE

W28-1000 PANIC BAR W/INSIDE RELEASE

- Sturdy aluminum construction
- Glow-in-the-dark reflective strip

W28-2300-SS STAINLESS STEEL INSIDE RELEASE

- For 3" (76 mm) door thickness
- Additional sizes for varying door thicknesses available on application

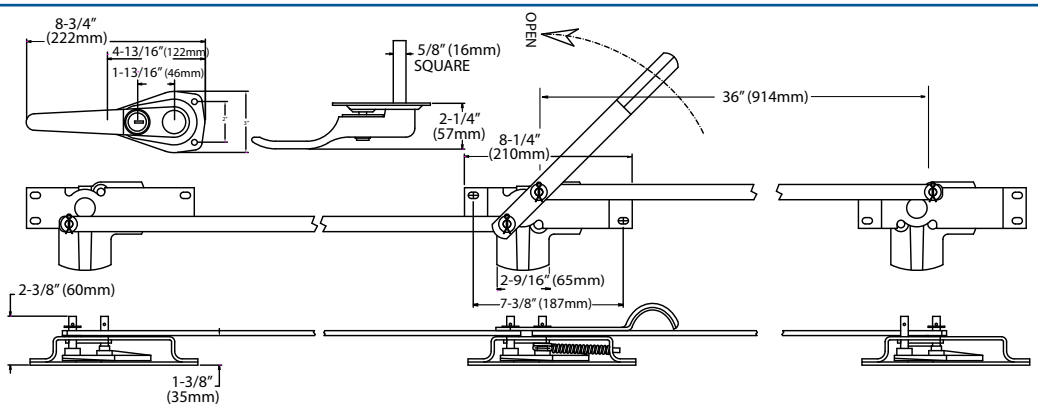
REPLACES* KASON #481 WITH KEIL QUALITY HARDWARE

W37-3000-SS STAINLESS STEEL THREE POINT LATCH

- Positive dead bolt locking
- Holds door closed in 3 places– top, center & bottom to minimize leakage and save energy
- Strongest latch made
- Spring loaded over-center latching

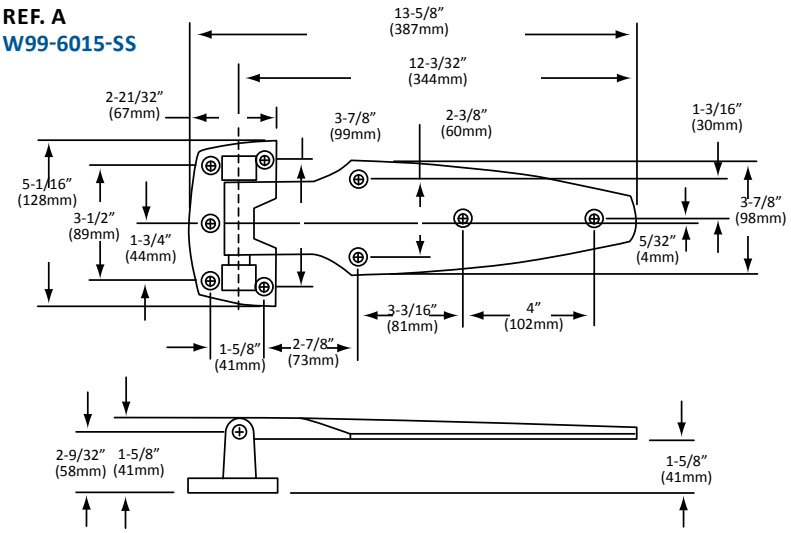
STAINLESS STEEL THREE POINT LATCH

MODEL NO. W37-3000-SS



W99 SERIES INVESTMENT CAST HINGES

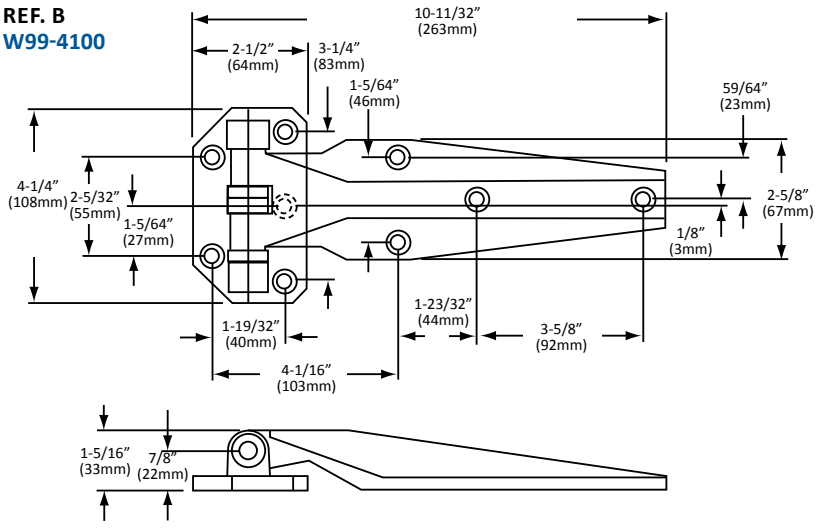
REF. A
W99-6015-SS



- The **ONLY ALL STAINLESS HINGE** available in today's market
- Field Reversible
- Solid stainless steel construction throughout
- Ideal for highly corrosive and humid environments
- Ideal for marine applications, outside cold rooms and commercial refrigerated truck bodies
- Rugged heavy-duty lifetime construction
- Tamper-proof design

NSF COMPONENT

REF. B
W99-4100



MODEL NO.	DESCRIPTION
W99-6015-SS HINGE	1-5/8" (41mm) OFFSET
W99-4100-SSRH HINGE	RIGHT HAND FLUSH
W99-4100-SSLH HINGE	LEFT HAND FLUSH

W99-4100 REPLACES* KASON #1241, W99-6015-SS and DENT (D1P) WITH KEIL QUALITY HARDWARE

W60 SERIES LIFT-OFF HINGE WITH CAM RISE ACTION

W60 SERIES HINGE - LONG STRAP
POLISHED CHROME FINISH

MODEL NO.	OFFSET
W60-1000	FLUSH
W60-1012	1/8” (3mm)
W60-1025	1/4” (6mm)
W60-1037	3/8” (10mm)
W60-1112	1-1/8” (29mm)
W60-1125	1-1/4” (32mm)
W60-1137	1-3/8” (35mm)
W60-1150	1-1/2” (38mm)
W60-1162	1-5/8” (41mm)
W60-1175	1-3/4” (45mm)
W60-1187	1-7/8” (48mm)
W60-1200	2” (51mm)

REPLACES* KASON #1245 AND STANDARD KEIL #2860 WITH KEIL QUALITY HARDWARE

W60 SERIES HINGE - LONG STRAP
SATIN CHROME FINISH

W60-2000	FLUSH
W60-2025	1/4” (6mm)
W60-2112	1-1/8” (29mm)
W60-2137	1-3/8” (35mm)

W60 SERIES HINGE - SHORT STRAP
POLISHED CHROME FINISH

W60-1000-S	FLUSH
W60-1012-S	1/8” (3mm)
W60-1025-S	1/4” (6mm)
W60-1037-S	3/8” (10mm)

COORDINATED STYLING
Design coordinated with clean, unobtrusive lines to aesthetically complement the **W19 AND W38 SERIES EASY ACTION SAFETY LATCH** or other contemporary breaker hardware, latches or pulls.

REVERSIBLE
Can be utilized for any right or left hand door application. Conversion is easily accomplished without tools.

UNIQUE CAM ACTION
Contains self-lubricating nylon and Delrin cam rise components to provide **GLIDE-ACTION** door operation. These components reduce door sweep gasket wear regardless of floor irregularity and provide constant overclose pressure against the door gasket assuring a positive seal. A **HOLD-OPEN** feature is built into the cam allowing the door to remain open at 140°. The door will automatically return to a closed position if opened less than 140°.

LIFT-OFF CAPABILITY
Doors can be removed quickly without tools or hinge disassembly. This allows for knockdown shipment and eliminates costly on-site installation and service time.

DURABLE
Constructed of die-cast Zamak with built-in structural reinforcing ribs for extraordinary strength and years of trouble-free operation.

ALL TYPE CONSTRUCTION
This series is designed to meet the universal requirements of all types of cooler construction especially foam.

UNIVERSAL MOUNTING HOLES
Allows REPLACEMENT* with all competitors models without redrilling or reinforcing.

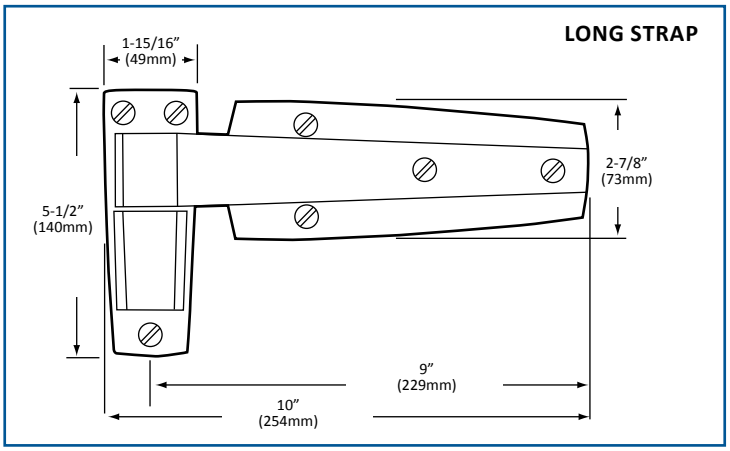
- **W60 SPECIFICATIONS LISTED ON NEXT PAGE**

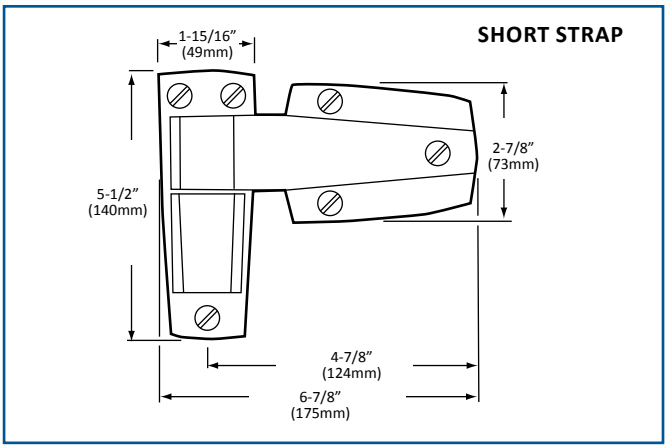
NSF COMPONENT

W60 SERIES HINGES

SPECIFICATIONS

OFFSET: Flush thru 2” (51mm)
FINISH: Polished Chrome or Satin Chrome Finish
MATERIAL: High pressure die cast Zamak
MOUNTING HOLES: Drilled and countersunk for #14 screws (6mm)



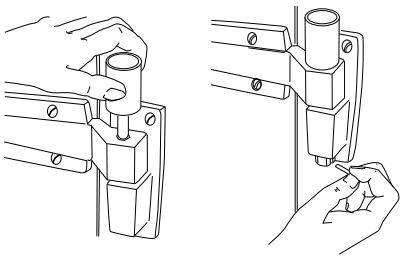


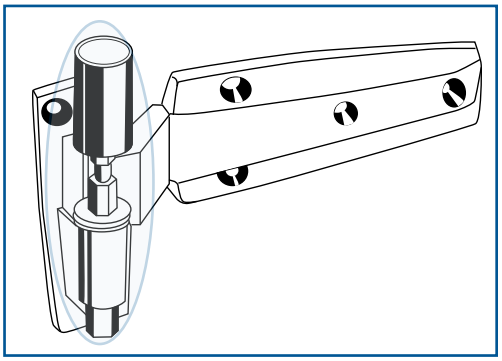
POWER SPRING CONVERSION CARTRIDGE KIT

MODEL NO. W62-0001 **Polished Chrome Finish**
MODEL NO. W62-2001 **Satin Chrome Finish**

- ACCELERATES DOOR CLOSING
- INCREASES DOOR PRESSURE
- EASY INSTALLATION
- REDUCED INVENTORY

EASY INSTALLATION





The energy saving power spring conversion cartridge is designed for easy installation into the W60 Series Lift-off Hinge. It provides increased door speed closure and maintains constant gasket pressure to eliminate refrigerated air loss. Unlike competitor’s spring hinges, this optional cartridge kit can be simply added at any time to the W60 Series Lift-off Hinge eliminating costly inventories.
The cartridge kit contains a heavy duty chrome vanadium spring to assure years of trouble-free operation. The assembly may be used for either left or right hand doors, permitting reduced inventory for both hinges and conversion kits. When required, the cartridge may be easily disengaged for door removal.

Note: This conversion cartridge eliminates the lift-off capability of the W60 SERIES LIFT-OFF HINGE.
REPLACES* KASON #1248 AND STANDARD-KEIL #2862 WITH KEIL QUALITY HARDWARE

HEAVY-DUTY CAM-RISE HINGE 1-5/8” (41mm) OFFSET

MODEL NO. W77-1625

- For cold storage, supermarket and other heavy-duty walk-in applications
- Reversible for left or right-hand doors without disassembly
- Self-closing cam-rise action
- Heavy-duty zinc-plated steel strap with satin finish
- Black epoxy-coated die cast flange
- Drilled for 3/8” mounting hardware
- Other offsets available upon application

Door Closers for Walk-In Refrigerators & Freezers

NSF COMPONENT

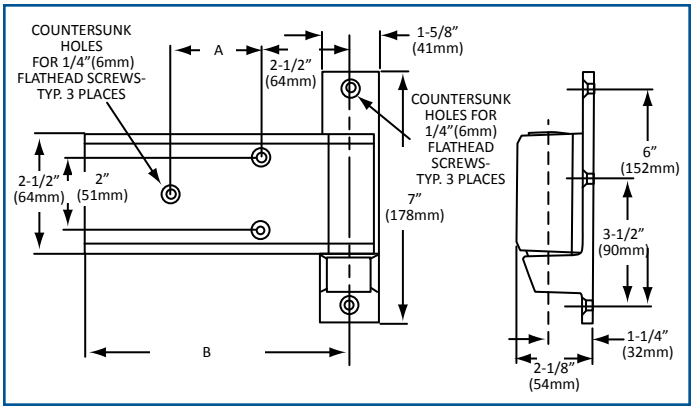
REVERSIBLE SELF-CLOSING HINGE WITH CAM-RISE CONSTRUCTION

- Contemporary design and heavy precision die-cast construction provides durable, dependable service
- Self-closing, self-lubricating, self-rising cam provides smooth quiet closing action
- Lift-off and reversible non-handed cam design allows for easy field installation
- Special cam design feature provides a hold open dwell at 100° opening to facilitate loading and unloading of cooler
- Available in both long and short strap models
- Special satin chrome finish offers years of clean, trouble-free use while matching related hardware and cooler door coverings
- Polished chrome finish available
- Optional spring assist cartridge assembly available for accelerated and positive door closing

REF.	MODEL NO.	A	B	FINISH
A	**W55-1000** SHORT FLANGE ASS'Y, FLUSH OFFSET	1-15/16" (49mm)	5-5/16" (135mm)	SATIN CHROME
B	**W56-1000** LONG FLANGE ASS'Y, FLUSH OFFSET	2-1/2" (64mm)	7-5/16" (186mm)	SATIN CHROME

MODEL NO. W55-0001 OPTIONAL POWER SPRING KIT FOR USE WITH W55/56 HINGES

REPLACES* KASON #1255 & 1256 WITH KEIL QUALITY HARDWARE



HYDRAULIC DOOR CLOSER FOR WALK-IN REFRIGERATORS AND FREEZERS

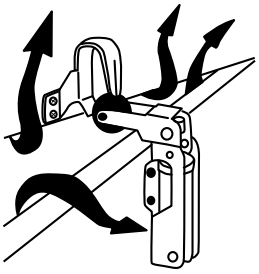
- RUGGED CONSTRUCTION
- DEPENDABLE ACTION
- CONTEMPORARY DESIGN
- ECONOMICAL

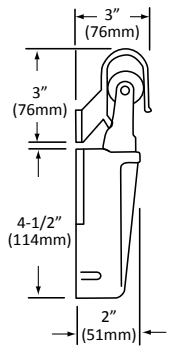
- Overcomes difficulties experienced in closing a refrigerator or freezer door against the air that compresses inside
- Actually pulls refrigerator or freezer door closed while allowing the compressed air in the unit to slowly escape, then holds door firmly closed to eliminate loss of refrigerated air
- Where severe temperature and pressure conditions combine to force doors open, responds to the released pressure and immediately recloses the door
- Universal mounting holes, permit easy REPLACEMENT* of competitive models, complete with white snap-on dust cover.

MODEL NO. R55-1010
FOR FLUSH DOORS

MODEL NO. R55-1020
FOR 1-1/8" (29mm) OFFSET DOORS

REPLACES* KASON #1093 AND STANDARD-KEIL #2882 WITH KEIL QUALITY HARDWARE





NSF COMPONENT

HEAVY-DUTY SPRING ACTION CLOSE-MASTER™

MODEL NO. W95-1010...Flush Offset
MODEL NO. W95-1020...1-1/8" (29mm) Offset
MODEL NO. W95-1030...1-3/8" (35mm) Offset

- **SOLID STAINLESS STEEL** construction throughout
- Concealed Mounting offers clean, tamperproof appearance
- Unique cover design provides easy installation
- Interchangeability - unique concealed mounting hole pattern allows Close-Master™ to easily replace all existing models in the field
- Cushioned rubber roller and unique spring design offers smooth, quiet, trouble-free operation
- Available in popular flush and 1-1/8" offsets
- Close-Master™ permits fast door closure and positive gasket seal, reducing energy costs

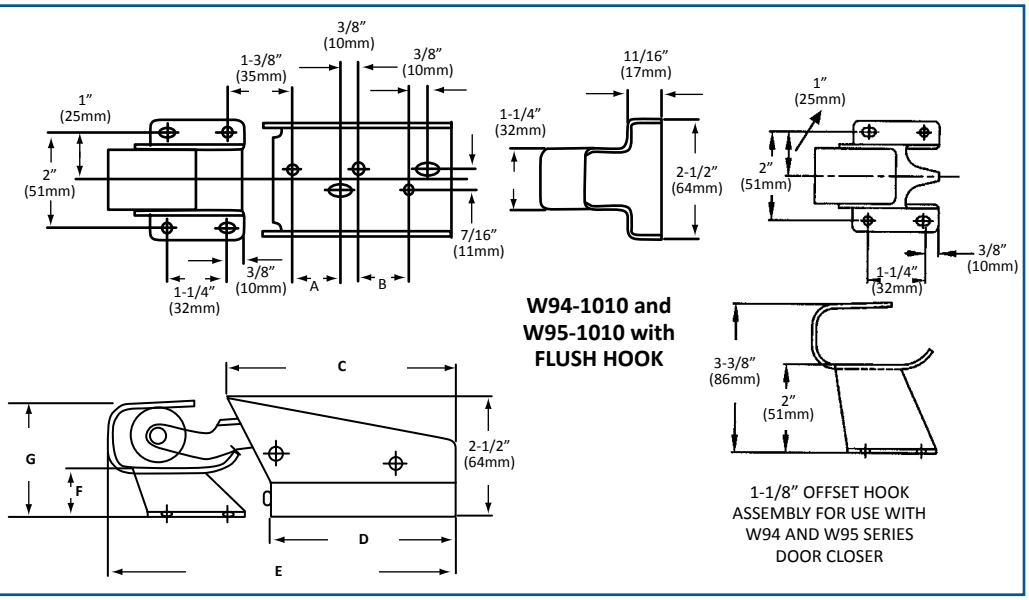
REPLACES* KASON #1095 AND DICTATOR S1800
WITH KEIL QUALITY HARDWARE

HEAVY-DUTY HYDRAULIC SNUGGER™

MODEL NO. W94-1010...Flush Offset
MODEL NO. W94-1020...1-1/8" (29mm) Offset

- **SOLID STAINLESS STEEL** housing mechanism
- Powerful gas-loaded hydraulic cylinder provides positive, smooth door closure
- Unique cover design provides for easy installation and concealed mounting
- Cushioned rubber roller and unique spring design offers smooth, quiet, trouble-free operation
- Popular Flush and 1-1/8" oversize hooks
- Interchangeability - unique concealed mounting hole pattern allows Snugger™ to easily replace all existing models in the field

REPLACES* KASON #1094 AND DICTATOR V1600 WITH
KEIL QUALITY HARDWARE



W94-1010 and W95-1010 with FLUSH HOOK

1-1/8" OFFSET HOOK ASSEMBLY FOR USE WITH W94 AND W95 SERIES DOOR CLOSER

W94-1010 and W95-1010 with FLUSH HOOK

REF.	W94-1010	W95-1010
A	1-3/8" (35mm)	1" (25mm)
B	2-7/16" (62mm)	1-1/16" (27mm)
C	7-7/16" (189mm)	4-13/16" (122mm)
D	6-1/2" (165mm)	3-7/8" (98mm)
E	9-15/16" (252mm)	7-1/4" (184mm)
F	1" (25mm)	1" (25mm)
G	3-3/8" (86mm)	2-3/8" (60mm)

Pressure Relief Port for Square Cut Out

W86 SERIES VENT PORT FOR WALK-IN COOLERS AND FREEZERS

This compact unit provides maximum pressure relief venting by using lightweight, flexible riser flaps that lift with air pressure and return to a sealing position by a gravity memory action. Designed for longevity there are no springs or mechanical components to fatigue or wear out.

- Provides more venting than most competitive models
- Two-way air flow assures instant pressure balance
- Insulated & vermin proof screened openings
- Maintenance free • Easy to install
- Heated models provide frost-free operation which is required for all freezer applications, non-heated models are available for cooler use only • Economically priced

W86 SERIES PRESSURE RELIEF PORT

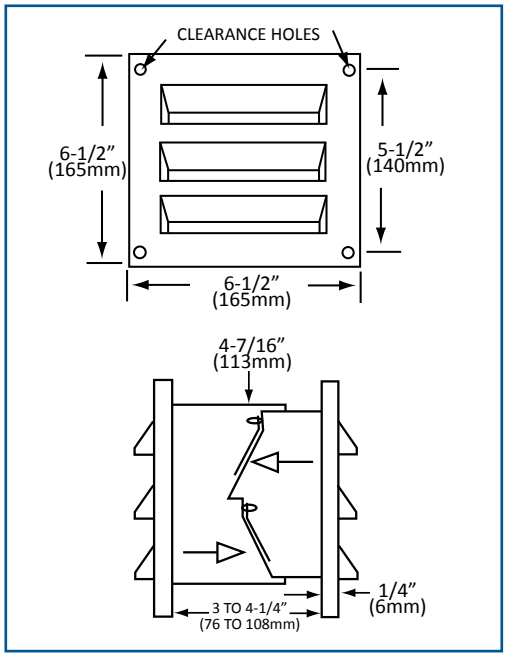
MODEL NO.	VOLTAGE	APPLICATION
W86-1010	120V/8 Watts with Heater	Freezer
W86-1012	220V/8 Watts with Heater	Freezer
W86-1020	120V/12 Watts with Heater	Freezer
W86-1024-36*	120V/24 Watts with Heater	Freezer
W86-2010	Non-Heated	Cooler

WIRE LEADS 36” (914mm). REPLACES STANDARD KEIL SERIES #2786 WITH KEIL QUALITY HARDWARE

NSF COMPONENT

File No. LR29496

File No. E73857



SPECIFICATIONS

MATERIAL: U.L. Recognized Thermoplastic
FINISH: Textured Gray
SCREENING: Aluminum
GASKETS: Neoprene, Closed Cell
WIRE LEADS: TYPE SJ, 18” (457mm) Long

DRILLED FOR #10 SCREWS, INSTALLATION REQUIRES A 4-1/2” (114mm) x 4-1/2” (114mm) OPENING.

W88 SERIES VENT PORT FOR WALK-IN REFRIGERATORS AND FREEZERS

- Heated vents prevent freeze-ups and reduce cooler condensation
- Two way valve unit allows air flow in dual directions, compensates for expansion and contraction during refrigeration cycles
- Supplied in 120V or 220V Models

PRESSURE RELIEF PORT

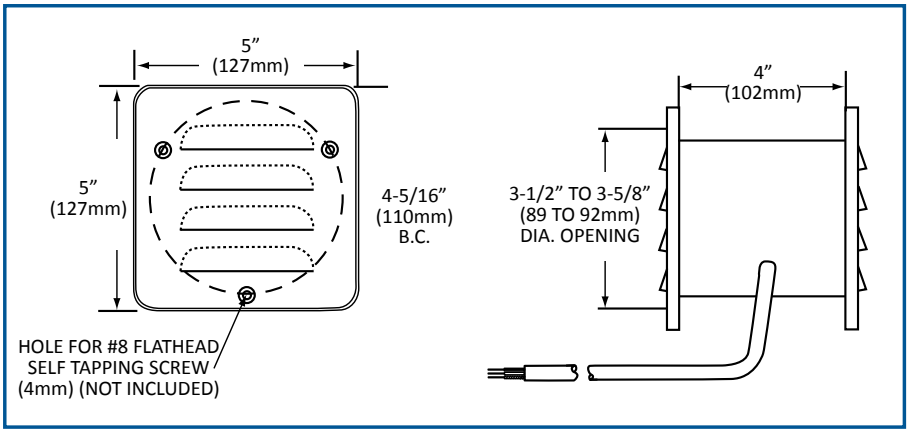
MODEL NO.	VOLTAGE	APPLICATION
W88-1010	120V/23 Watts with Heater	FREEZER
W88-1012	220V/23 Watts with Heater	FREEZER
W88-2010	Non-Heated	COOLER

REPLACES* KASON MODEL #1830 & 1834 WITH KEIL QUALITY HARDWARE

SPECIFICATIONS

MATERIAL: All Aluminum
INTERNAL SLEEVE: Lexan, Self-extinguishing
FINISH: Textured Aluminum
ELECTRICAL REQUIREMENTS: 120V or 220V Specify voltage requirements
4" (102mm) standard size wall thickness

When ordering specify other wall thickness. Drilled for No. 8 (4mm) screws



NSF COMPONENT

File No. LR29496

File No. E73857

SAFE-T-VU™ WINDOW VIEWPORTS

WITH ALUMINUM COVER FOR WALK-IN COOLER AND FREEZER APPLICATIONS-

AVAILABLE HEATED AND NON-HEATED

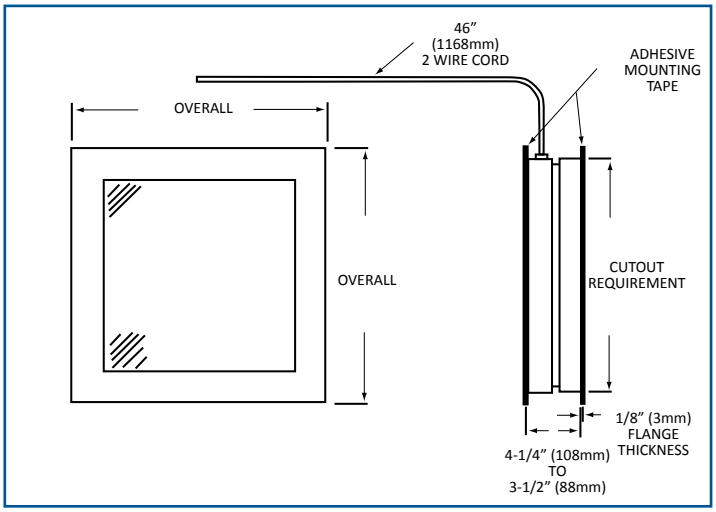
- Airspace between glass panels now Argon filled in non-heated models to comply with the Energy Independence Act of 2007
- Tempered, triple-pane, moisture proof clear glass viewing area
- Fully welded, PVC framing provides positive insulation barrier eliminating heat transfer and surface sweating, unlike metal frame styles
- Brushed aluminum frame matches stainless door panels
- Helps prevent accidents during employee ingress and egress
- Heated glass provides clean and dry visibility, both from within and outside cold rooms
- SAFE-T-VU™ prevents potential lock-ins and criminal behavior
- Perfect for both cooler and freezer applications
- Designed for 4-inch thick doors
- Optional 6-inch models available, on special application
- Available from stock

NSF COMPONENT

File No. E73857

MODEL NO.	DESCRIPTION	O.A. SIZE	CUT-OUT REQUIREMENT	WATTAGE	VOLTAGE
W90-1414-3AG* **W90-1414-4AG** **W90-1414-4G****	NON-HEATED	17-3/16" x 17-3/16" (436mm) x (436mm)	16-1/4" x 16-1/4" (413mm) x (413mm)	-	-
W90-1414-3HA* **W90-1414-4HA**	HEATED	17-3/16" x 17-3/16 (436mm x 436mm)	16-1/4" x 16-1/4" (413mm) x (413mm)	20	115
W90-1424-3AG* **W90-1424-4AG** **W90-1424-6AG***	NON-HEATED	17-3/16" x 27-3/16" (436mm) x (690mm)	16-1/4" x 26-1/4" (413mm) x (667mm)	-	-
W90-1424-3HA* **W90-1424-4HA** **W90-1424-6HA***	HEATED	17-3/16" x 27-3/16" (436mm) x (690mm)	16-1/4" x 26-1/4" (413mm) x (667mm)	35	115

*3-inch and 6-inch widths are non-stock.
**NOTE: Without aluminum frame .



FIP PANEL FASTENERS

FOAMED-IN-PLACE PANEL FASTENERS

Keil® brand Foamed-In-Place (FIP) Panel Fasteners are ideal for use in high volume fabrication operations when consistency and outstanding performance are your driving concerns. This fastening system provides a fool-proof method for accurately positioning, inserting and anchoring the fasteners into your insulated panels, that will save you both time and money

HOW FIP FASTENERS WORK

Simply affix our dedicated panel fastener adapters to your existing foaming jigs to create a permanent anchor point that insures your fasteners are securely and precisely positioned in every foamed panel. The unique design of these adapters guarantees that the locking points and strikes cannot be installed upside down or on the wrong side of the jig, resulting in reduced scrap and production times. In addition, we manufacture these adapters from hardened steel for durability and extended service life.

Attaching FIP panel fasteners to your foaming jig is as simple as snapping the locking points and strikes on to their respective adapters, closing the jig and foaming your panels. All of our FIP fasteners are designed with specially placed holes in the housing to permit foam to completely fill around the fastener for superior pull-out strength and better insulating properties.

ADDED VALUE

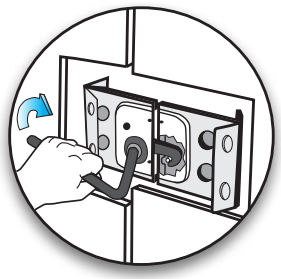
Unlike competitive models, all Keil® brand FIP panel fasteners feature our improved ALL STEEL friction drive cam system for added strength and reliability. These unique cams prevent stripping of the hex points when locking or unlocking panels. This minimizes issues with on-site installations and eliminates the need to scrap panels because of stripped-out fasteners that no longer work.

THE KEIL® DIFFERENCE

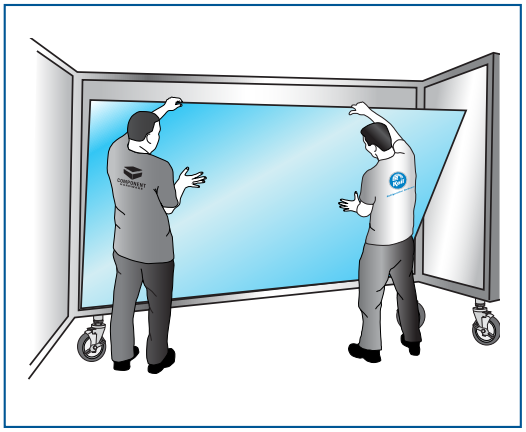
Keil® Refrigeration Hardware is known for innovative design, exceptional value and unsurpassed quality. Our products are manufactured to our exacting standards to insure they can withstand the rigorous demands required in commercial refrigeration applications.

We know that panel fasteners are the “glue” that holds your walk-in cooler/freezer together. If they do not function properly, it can result in increased energy consumption or failure of the structural integrity of the entire unit. That’s why all of our panel fasteners undergo rigorous quality inspections to insure our customers of the durability and reliability they have come to know and trust from the Keil® brand.

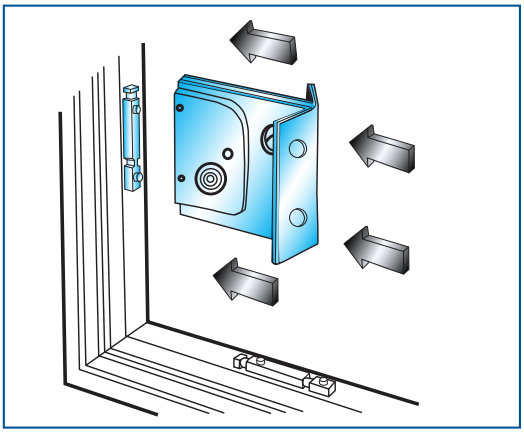
The next time you are building or specifying a walk-in cooler, freezer or environmental enclosure, be sure that it is made using authentic Keil® brand refrigeration hardware for trouble-free performance and peace of mind.



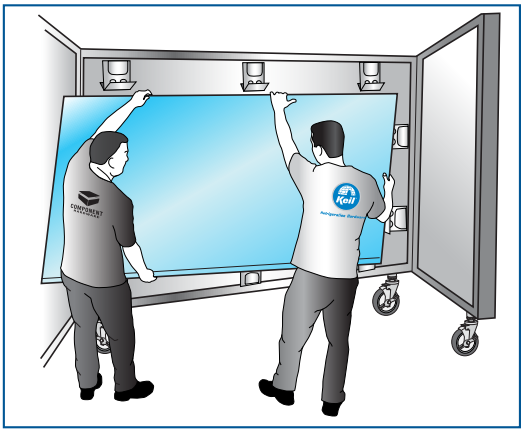
Use Model No. W27-0001-C hexagonal wrench for easy locking of all Keil panel fasteners.



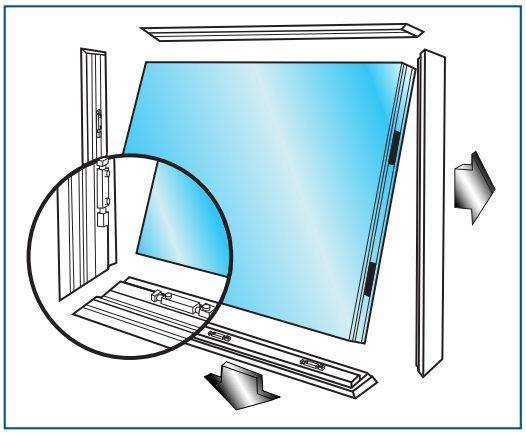
1. Insert outer skin of the panel into the mold.



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



3. Insert inner skin into the mold 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 Keil Model No. W27-0001-C wrench.

W27 SERIES
COMPACT FOAMED-IN-PLACE

MODEL NO. W27-7300
LOCKING HOOK

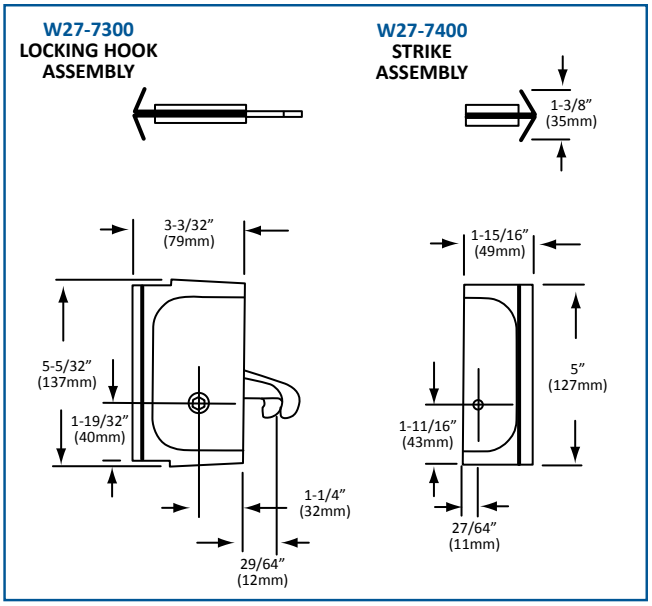
- Friction drive allows hook to slice through foam, locates the female locking pin in mating panel and tightens, providing a positive panel seal
- Zinc plated construction eliminates corrosion concerns and improves mastic adhesion
- Compact construction, superior strength, heavy gauge
- Permits interchangeability of panels

JIG ADAPTER MODEL NO. W27-1173H

MODEL NO. W27-7400
STRIKE

- Interchangeable for use on existing foaming jigs and adapters
- Special guide ribs are built in the female housing which direct the hook to an on-center position
- Offers reliable repeat service and performance
- Large diameter foam holes ensure positive foam integrity

JIG ADAPTER MODEL NO. W27-8804



REPLACES* KASON #1173 WITH KEIL QUALITY HARDWARE

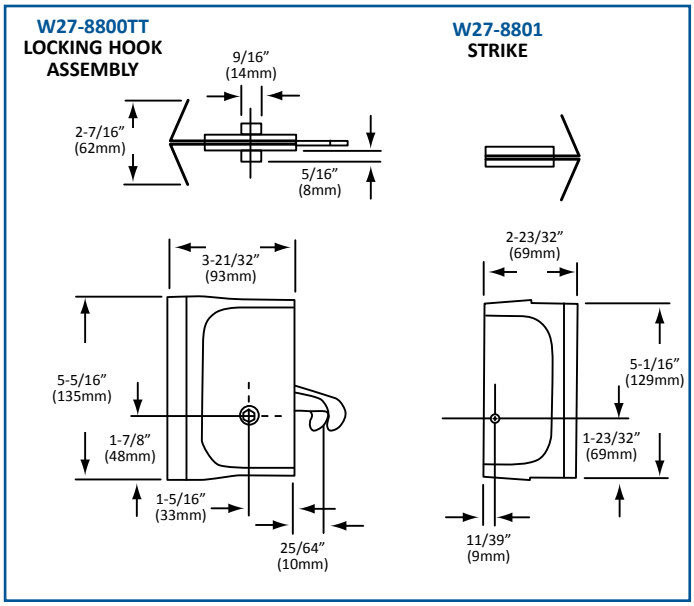
W27 SERIES
FOAMED-IN-PLACE, DUAL ACCESS DESIGN

MODEL NO.
W27-8800TT & W27-8800TT-SS
TWIN TUNNEL LOCKING HOOK

MODEL NO.
W27-8801 & W27-8801-SS STRIKE

- Unique Twin Tunnel design provides access to either panel side
- Provides a positive panel seal
- Interchangeable-for use on existing foaming jigs and adapters
- Friction drive allows hook to slice through foam, locates the female locking pin in mating panel and tightens
- Heavy gauge, superior strength and economical
- Zinc plated construction eliminates corrosion concerns and improves mastic adhesion
- Standard flush and extended "Twin-Tunnel" cams available
- Plastic tunnel cap included at no extra charge
- Wide fastener wings enhance pull-out strength
- Large diameter foam flow holes ensure positive foam integrity

JIG ADAPTERS
FOR HOOK: MODEL NO. W27-8803
FOR PIN: MODEL NO. W27-8804



REPLACES* KASON #1188 WITH KEIL QUALITY HARDWARE

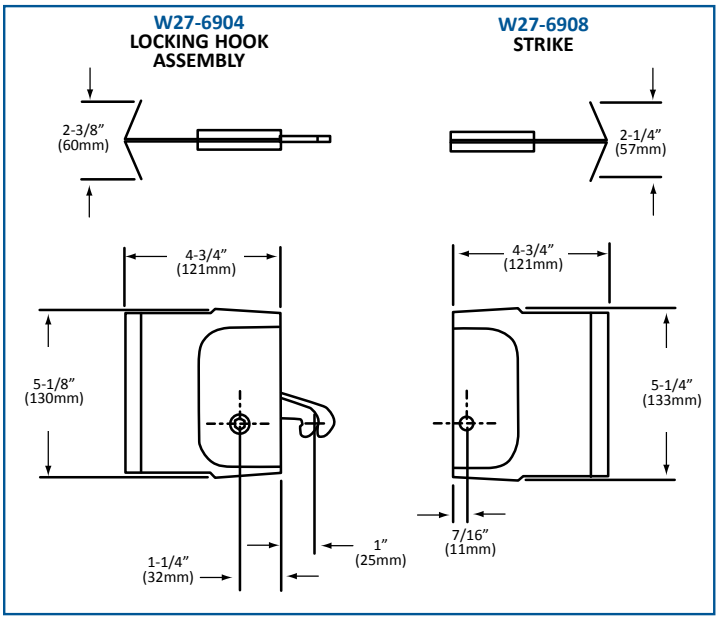
W27 SERIES EXTENDED FOAMED-IN-PLACE DESIGN

MODEL NO. W27-6904
LOCKING HOOK

MODEL NO. W27-6908
STRIKE

- Ideal for OVERSIZE warehouse foam panels
- Heavy gauge superior strength
- Economical
- Extended housing provides greater anchor assurance
- Wide wing design ensures stronger pull-out strength and integrity
- Provides a positive panel seal
- Interchangeable for use on existing foaming jigs and adapters
- Friction drive allows hook to slice through foam, locates the female locking pin in mating panel and tightens
- Zinc plated construction eliminates corrosion concerns and improves mastic adhesion
- Large diameter foam flow holes ensure positive foam integrity

JIG ADAPTERS
FOR HOOK: MODEL NO. W27-6901
FOR PIN: MODEL NO. W27-6902



REPLACES* KASON #1169 WITH KEIL QUALITY HARDWARE

PANEL FASTENER JIG ADAPTERS

- For foam-in-place applications
- Readily REPLACES* all competitor's adapters having same mounting holes with Keil Quality Hardware
- Hardened Steel and Electroplated
- Adapters available for ALL Keil Foamed-in-Place Fasteners
- Competitive pricing

REF.	MODEL NO.	FITS PANEL FASTENER MODELS WITH KEIL QUALITY HARDWARE
A	**W27-6901**	W27-7300, 1168BP & 1169BP
B	**W27-6902**	1168P, 1173P
C	**W27-1173H**	W27-7300, 1168BP & 1169BP
D	**W27-8803**	W27-8800TT & 1188BP
E	**W27-8804**	W27-8801, W27-7400 & 1188P

SLAB FOAM PANEL FASTENERS

HOW TO BUILD INSULATED PANELS WITHOUT COSTLY TOOLING

Slab Foam Panel Fasteners are ideal for fabricators looking for a low cost method of constructing light weight insulated panels using Styrene, Styrofoam or urethane sheet stock. These plastic block fasteners are available for 2", 4" & 6" wide panels to accommodate applications including environmental enclosures, walk-in coolers and walk-in freezers.

ADDED VALUE

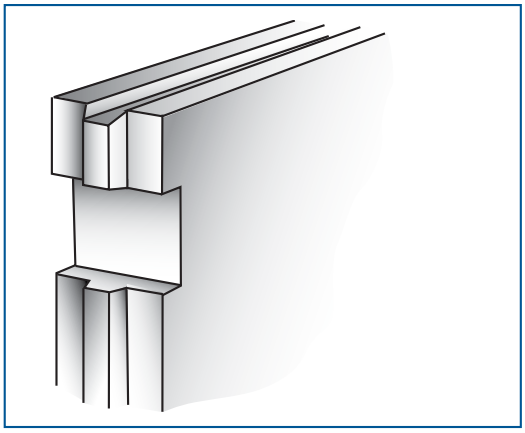
Unlike competitive models, all Keil® brand slab foam panel fasteners feature our improved ALL STEEL friction drive cam system for added strength and reliability. These unique cams prevent stripping of the hex points when locking and unlocking panels. This minimizes issues with on-site installations and eliminates the need to scrap panels because of stripped-out fasteners that no longer work. In addition, the 4" & 6" models are available with pre-foamed backs to improve the insulating value around the fasteners.

THE KEIL® DIFFERENCE

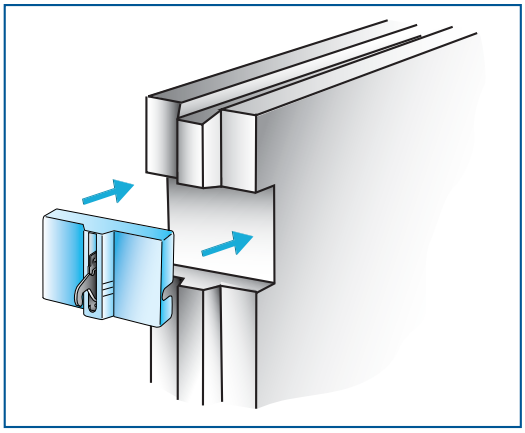
Keil® Refrigeration Hardware is known for innovative design, exceptional value and unsurpassed quality. Our products are manufactured to our exacting standards to insure they can withstand the rigorous demands required in commercial refrigeration applications.

We know that panel fasteners are the "glue" that holds your walk-in cooler/freezer together. If they do not function properly, it can result in increased energy consumption or failure of the structural integrity of the entire unit. That's why all of our panel fasteners undergo rigorous quality inspections to insure our customers of the durability and reliability they have come to know and trust from the Keil® brand.

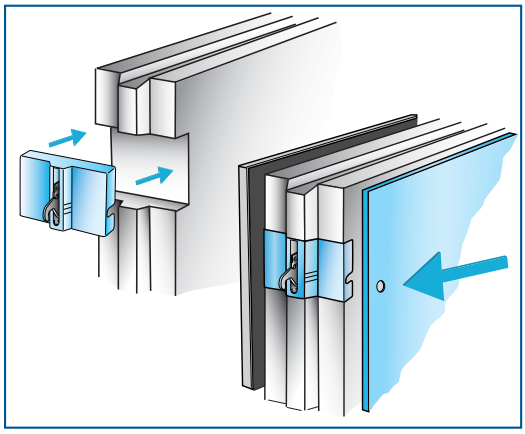
The next time you are building or specifying a walk-in cooler, freezer or environmental enclosure, be sure that it is made using authentic Keil® brand refrigeration hardware for trouble-free performance and peace of mind.



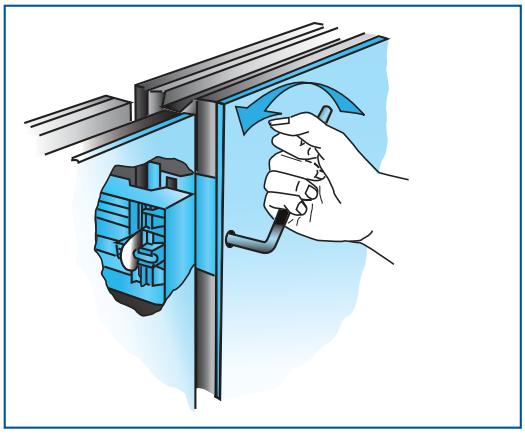
1. Cut insulating material to size. Shape tongue and groove surfaces. Notch panel for fastener.



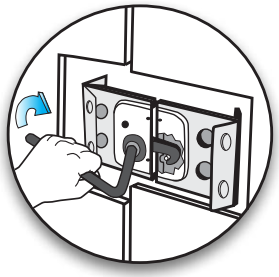
2. Insert plastic housing, either locking point or strike, as needed.



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 read for assembly. Completed panels are easily locked in position at assembly site using the Keil W27-0001-C.



Use Model No. W27-0001-C hexagonal wrench for easy locking of all Keil panel fasteners.

W27 SERIES SLAB FOAM ABS BLOCK

A

C

B

PU FOAM FILLED

EPS FOAM FILLED

REF. A

SLAB FOAM ABS BLOCK PANEL FASTENERS

MODEL NO. W27-5104*
*For Non-Gasketed 4” (102mm) Panels

MODEL NO. W27-5204
For Gasketed 4” (102mm) Panels

REF. B

SLAB FOAM ABS BLOCK PANEL FASTENERS with FOAM INSULATED BACKING

MODEL NO. W27-5304
For Gasketed 4” (102mm) Panels
PU Foam Filled

MODEL NO. W27-5306
For Gasketed 6” (152mm) Panels
PU Foam Filled

MODEL NO. W27-5314
For Gasketed 4” (102mm) Panels
EPS Foam Filled

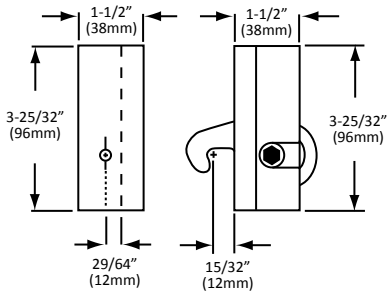
REF. C

SLAB FOAM ABS BLOCK PANEL FASTENERS

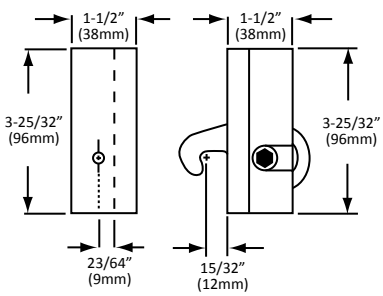
MODEL NO. W27-5202
For Gasketed 2” (51mm) Panels

• Unbreakable ABS housing, zinc plated heavy gauge steel hook and pin • Permanently attached hook and strike insures integrity and can be activated time and time again • For use with 2”(51mm), 4”(102mm) and 6”(152mm) panels • Economical

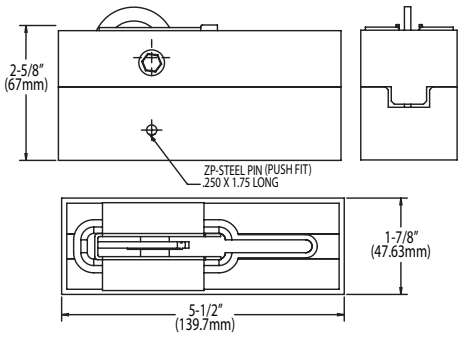
W27-5104
FOR NON-GASKETED PANELS
REPLACES* KASON #1151 WITH KEIL QUALITY HARDWARE



W27-5204
FOR GASKETED PANELS
REPLACES* KASON #1152 WITH KEIL QUALITY HARDWARE



W27-5202
FOR GASKETED PANELS



RIGID RAIL PANEL FASTENERS

DESIGNED ESPECIALLY FOR WOOD, HIGH DENSITY FOAM OR METAL FRAME RAILS

This series of Keil® brand panel fasteners is designed for use with wood, high density foam or metal frame rail insulated panels. This economical method of producing pre-fabricated insulated panels permits the manufacturer to build panel sections of virtually any size or shape.

We offer a wide array of rigid rail locking points, strikes and pins, which may be combined to accommodate a broad range of panel thicknesses, joint types and rail materials.

ADDED VALUE

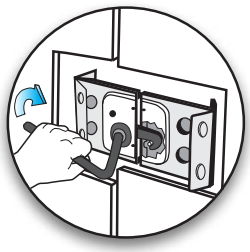
Unlike competing models, Our Keil® brand of rigid rail panel fasteners are FULLY constructed of heavy-gauged steel, including our unique friction drive cam system for unsurpassed strength and locking ability. These unique cams prevent stripping of the hex points when locking or unlocking panels. This minimizes issues with on-site installations and eliminates the need to scrap panels because of stripped-out fasteners that no longer work.

THE KEIL® DIFFERENCE

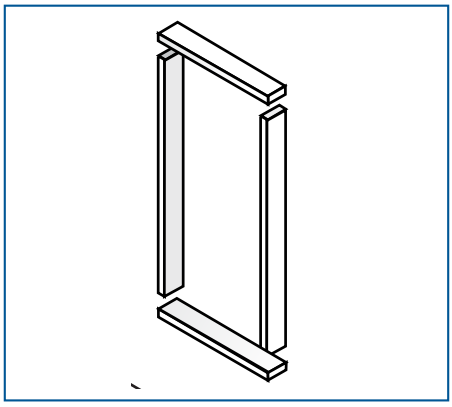
Keil® Refrigeration Hardware is known for innovative design, exceptional value and unsurpassed quality. Our products are manufactured to our exacting standards to insure they can withstand the rigorous demands required in commercial refrigeration applications.

We know that panel fasteners are the “glue” that holds your walk-in cooler/freezer together. If they do not function properly, it can result in increased energy consumption or failure of the structural integrity of the entire unit. That’s why all of our panel fasteners undergo rigorous quality inspections to insure our customers of the durability and reliability they have come to know and trust from the Keil® brand.

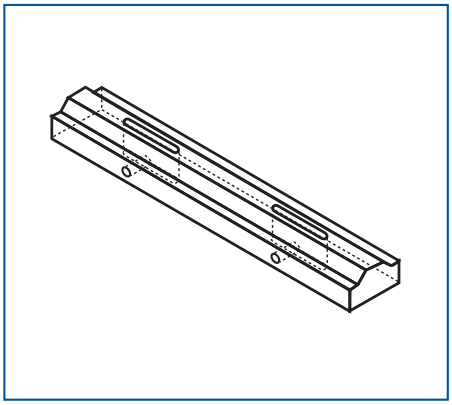
The next time you are building or specifying a walk-in cooler, freezer or environmental enclosure, be sure that it is made using authentic Keil® brand refrigeration hardware for trouble-free performance and peace of mind.



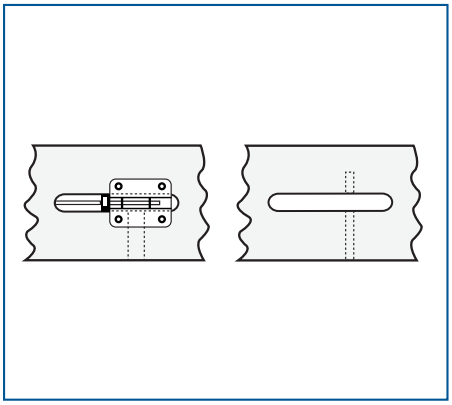
Use Model No. W27-0001-C hexagonal wrench for easy locking of all Keil panel fasteners.



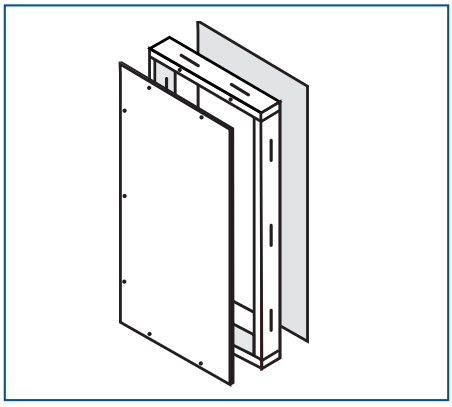
1. Cut frame material to form panel perimeter.



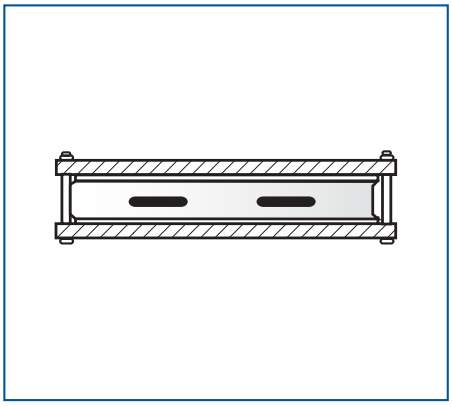
2. Determine locations for fasteners and mortise, dado, or rout slots. Drill wrench holes. (If using W27-5501/5502, drill pin holes.)



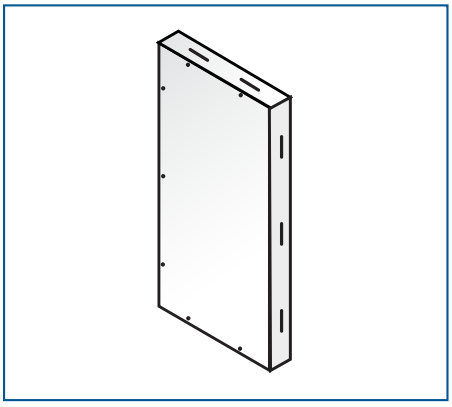
3a. Place fastener in slot and nail or staple in place.
3b. If using W27-5501/5502 pin, insert in drilled pin holes. (Taping of back may be required when foaming.)



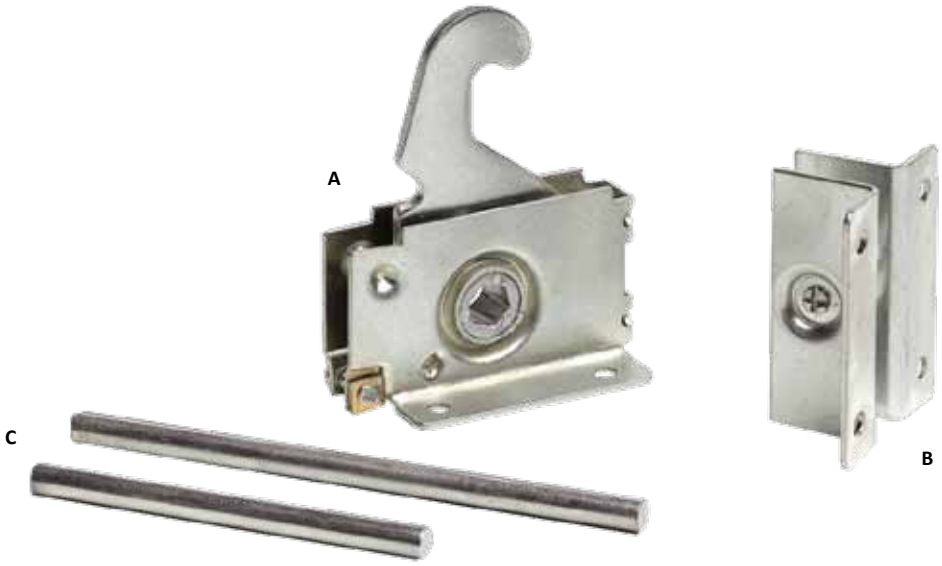
4. Assemble frame with panel skins.



5. Clamp panel in restraining fixture and inject foam.



6. The finished panels are ready for fast, easy joining using W27-0001-C wrench.



W27 SERIES WOOD FRAME AND METAL FRAME

MODEL NO.
W27-5600A & W27-5600B
LOCKING HOOK

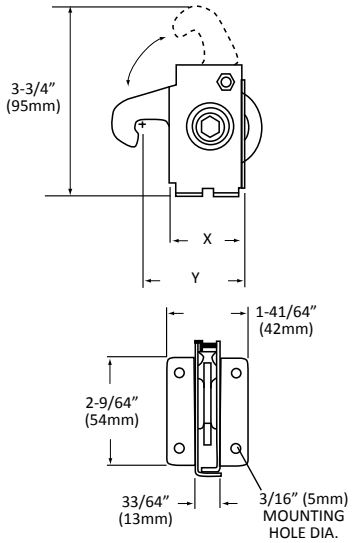
MODEL NO.	X	Y
W27-5600A	1-7/16" (37mm)	1-31/32" (50mm)
W27-5600B	1-7/16" (37mm)	2-11/32" (60mm)

- Zinc plated
- Ideal for wood, high density rail or metal frame construction
- Stamped holes provided for easy mounting with staple, screw or nails
- Heavy-duty steel housing
- Assorted offset strike assemblies or strike pins available
- Economical

MODEL NO.
W27-55 SERIES
LOCKING STRIKE

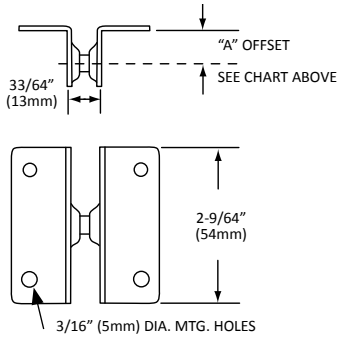
MODEL NO.	"A" OFFSET
W27-5550	1/2" (13mm)
W27-5562	5/8" (16mm)
W27-5568	11/16" (17mm)
W27-5575	3/4" (19mm)

REF. A
W27-5600A & W27-5600B
LOCKING HOOK



REPLACES* KASON #1156A & 1156B WITH KEIL QUALITY HARDWARE

REF. B
W27-55--
LOCKING STRIKE



REF. C **W27-5501 PIN, SHORT**
3-1/4" (82mm) x 1/4" (6mm) DIA.
REPLACES* WITH KASON #1156-36
WITH KEIL QUALITY HARDWARE

W27-5502 PIN, LONG
4-3/4" (120mm) x 1/4" (6mm) DIA.

REPLACES* KASON #1155 WITH KEIL QUALITY HARDWARE

ACCESSORIES FOR WALK-IN REFRIGERATION & FREEZERS

REF. A

CAULKING GUN

For Use with
10.3 oz (305ml) cartridges

MODEL NO. Q99-1000

REF. B

SILICONE SEALER

NSF COMPONENT

- Fits all standard caulking guns
- F.D.A. APPROVED
- U.L. RECOGNIZED

File No. E224060

- MEETS F.D.A. EXTRACTION REQUIREMENT
- Silicone Sealant 10.3 oz (305ml) cartridge
- Supplied with removable tip

MODEL NO.	COLOR	MAXIMUM SERVICE TEMP.
M90-1010	CLEAR	400°F (232°C)
M90-1012	ALUMINUM	400°F (232°C)

REF. C

HEX WRENCH

MODEL NO. W27-0001-C
MODEL NO. W27-0001-CTS*
Hex wrench with rubber sleeve*

- 6" x 6" (152mm x 152mm)
- Hardened steel
- For use with W27 series panel fasteners
- Readily replaces* competitors' wrenches

REF. D

SNAP-IN FINISHING CAP

MODEL NO. W27-0002-C

- 3/4" diameter
- Grey polyethylene
- For use with W27 series panel fastener
- Covers wrench holes for clean appearance

REF. E

SNAP-ON MOULDING

- Stainless steel cover with galvanized back plate
- Ideal for use as a back-up plate for gaskets around door jam

MODEL NO.	WIDTH
J60-2200*	3/8" (10mm)
J60-2220*	1/2" (13mm)
J60-2240	3/4" (19mm)
J60-2260	1" (25mm)
J60-2270	1-1/4" (32mm)
J60-2280*	1-1/2" (38mm)
J60-2320*	2" (51mm)

12 FT. (3657mm) LENGTHS *NON-STOCK ITEM AVAILABLE ON APPLICATION SPECIAL LENGTHS AVAILABLE UPON REQUEST

REF. F

PRESSURE SENSITIVE INDUSTRIAL TAPE

MODEL NO.	DESCRIPTION	SIZE	CASE QTY
Q84-1200	MASKING TAPE	2" x 60 YDS (51mm x 54m)	24 CASE
Q84-1300	MASKING TAPE	3" x 60 YDS (76mm x 54m)	24 CASE

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Notes

Notes

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