Q46554-55

IMPORTANT!

THERMO-KOOL WALK-IN FLOOR PANELS ARE DESIGNED TO WITHSTAND UNIFORMLY DISTRIBUTED STATIONARY LOADS OF 600 LBS. PER SQUARE FOOT. THERMO-KOOL'S WARRANTY DOES NOT COVER DAMAGE DUE TO PALLET JACKS, MOBILE CARTS, MOBILE SHELVING, FORK LIFTS, OR ANY OTHER FORM OF ROLLING TRAFFIC. A CONCRETE WEARING FLOOR MUST BE INSTALLED ON TOP OF THE WALK-IN FLOOR PANELS FOR THIS APPLICATION.

These drawings represent our understanding of the requirements of your order. We submit them to you for the purpose of securing complete approval of sizes, finishes, framing, insulation, dimensions, specifications, and interpretations. The return of these drawings to us with instructions to proceed, or subsequent instructions to that effect, shall constitute complete approval.

Approved by ____________ Date ____________

WARNING

DO NOT EXPOSE CARTONED OR STACKED PANELS TO MOISTURE OR HIGH HUMIDITY CONDITIONS DURING STORAGE. STAINING OR OXIDIZING OF METAL SKINS MAY OCCUR.

NOTICE

THIS ORDER CANNOT BE PLACED INTO PRODUCTION UNTIL WE RECEIVE FINAL APPROVED DRAWING AND SPECIFICATIONS. THE DATE OF RECEIPT CAN AFFECT YOUR PROMISED DELIVERY DATE.

THIS THERMO-KOOL WALK-IN WILL BE MANUFACTURED TO UL & NSF REQUIREMENTS. THERMO-KOOL ACCEPTS NO LIABILITY FOR LOCAL CODE REQUIREMENTS OF WHICH THERMO-KOOL HAS NOT BEEN MADE AWARE IN WRITING PRIOR TO FABRICATION.

Thermo-Kool®
WALK-IN PANEL
Thermo-Kool/Mid-South Industries, Inc.
R-14781
CLASSIFIED UL
BUILDING UNITS
1F68

USA
SURFACE BURNING CHARACTERISTICS

MATERIAL DETAILS	FLAME SPREAD	SMOKE DEVELOPED
ALUMINUM PANELS, PAINTED OR UNPAINTED, 5" OR LESS	15	300-400
GALVANIZED OR STAINLESS STEEL PANELS, PAINTED OR UNPAINTED, 5" OR LESS	20	450-OVER 500
CORE MATERIAL, 6" THICK	20	250

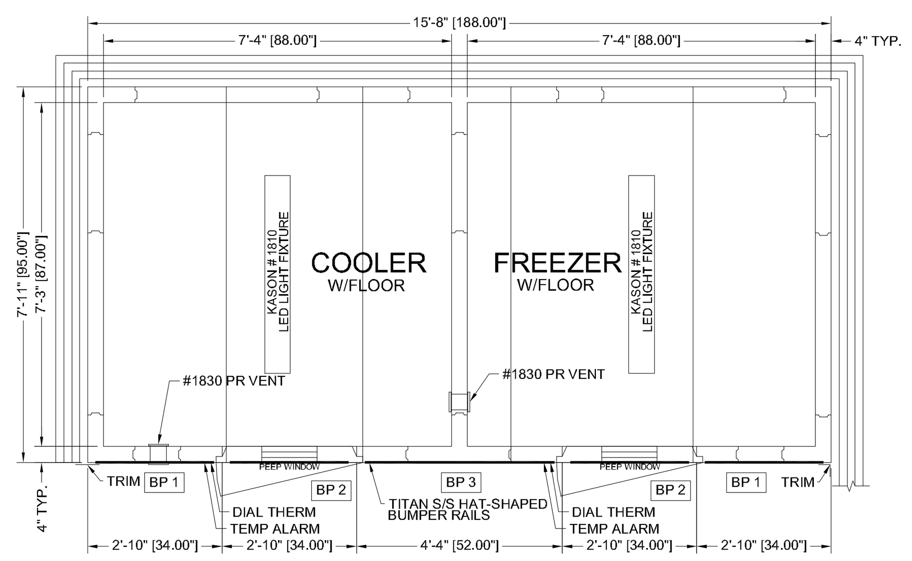
CANADA
SURFACE BURNING CHARACTERISTICS / CARACTERISTIQUES DE COMBUSTION SUPERFICIELLE IN ACCORDANCE WITH THE STANDARD / SELON LA NORME CAN/ULC-S102

MATERIAL DETAILS / DETAILS DU MATERIAL	FLAME SPREAD / INDICE DE PROPAGATION DEL LA FLAMME	SMOKE DEVELOPED INDICE DE DEGAGEMENT DES FUMEES
ALUMINUM PANELS, PAINTED OR UNPAINTED, 127 MM (5 IN.) THICK OR LESS, PANNEAUX EN ALUMINIUM, PEINTS OU NON PEINTS; 127 MM (5 PO) D'EPAISSEUR OU MOINS	10	105
GALVANIZED OR STAINLESS STEEL PANELS, PAINTED OR UNPAINTED, 127 MM (5 IN.) THICK OR LESS, PANNEAUX EN ACIER GALVANISE OU EN ACIER INOXYDABLE, PEINTS OU NON (5 PO) D'EPAISSEUR OU MOINS	5	175
CORE MATERIAL, 150 MM (6 IN.) MATERIAU DE BASE, 150 MM (6 PO)	295	100

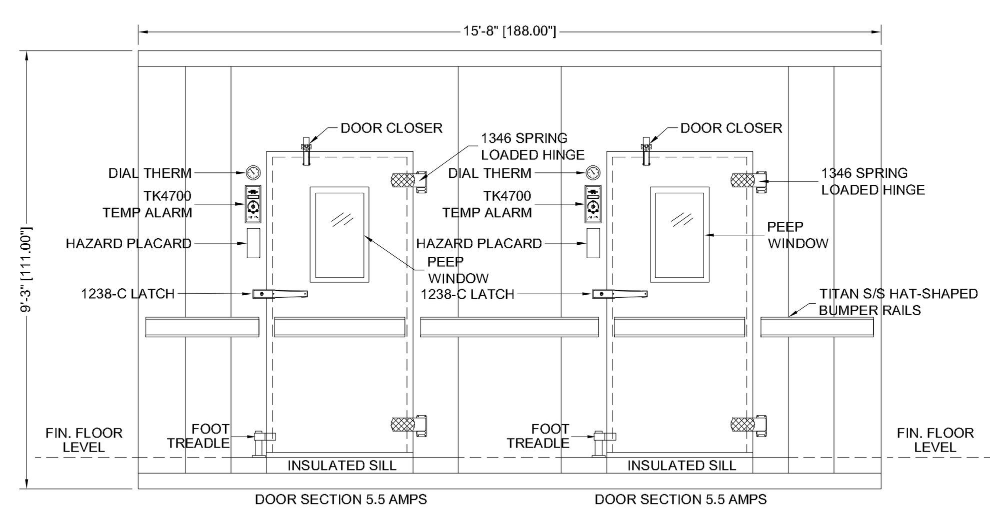
PULL DOWN RATE TO 45° F IS UNRESTRICTED. AFTER 45 ° F, PULL DOWN RATE SHOULD BE RESTRICTED TO 10° F PER/ 24 HOUR PERIOD.

"THERMO-KOOL WALK-IN COOLERS AND FREEZERS COMPLY WITH 2021 INTERNATIONAL ENERGY CONSERVATION CODE (IECC), SECTION C403.11"

NOT APPROVED QUOTATION SUBMITTAL



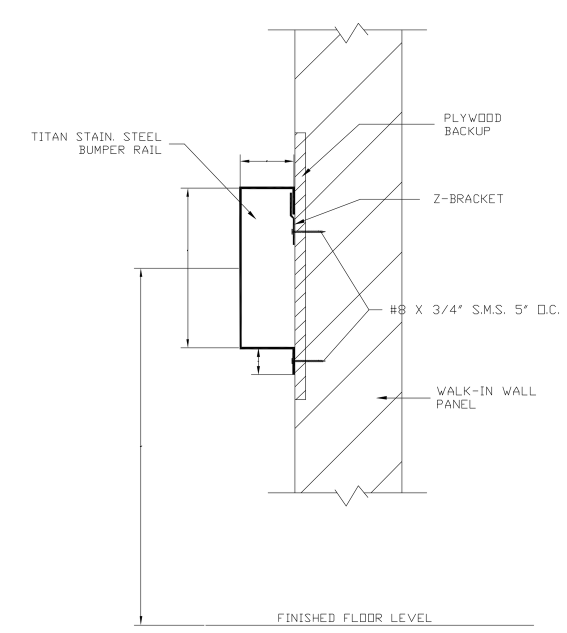
(CONSULTANT: STURM CONSULTING INC.)



FRONT ELEVATION

VERIFY !!!

* VERIFY HEIGHT OF TRIM & ENCLOSURE PANELS.



TITAN STAIN. STEEL BUMPER RAIL DETAIL

NOTES:
1. HOLES FOR SCREWS TO BE PRE-DRILLED BY TITAN (1/4" DIA. HOLES 5" O.C.)
2. EACH PIECE TO BE NUMBERED ON THE BACKSIDE OF BUMPER RAIL. (SEE PIECE NUMBERS BELOW)
3. SCREWS PROVIDED BY TITAN.
4. FULL LENGTH Z-BRACKETS.
5. CONSTRUCTION: 14 GA. S/S ALL WELDED & POLISHED.

BUMPER RAIL SCHEDULE

LENGTH	QUAN.	PIECE NUMBER
	2	BP1
	2	BP2
	1	BP3

(SIZES TO BE DETERMINED ONCE JOB IS APPROVED)

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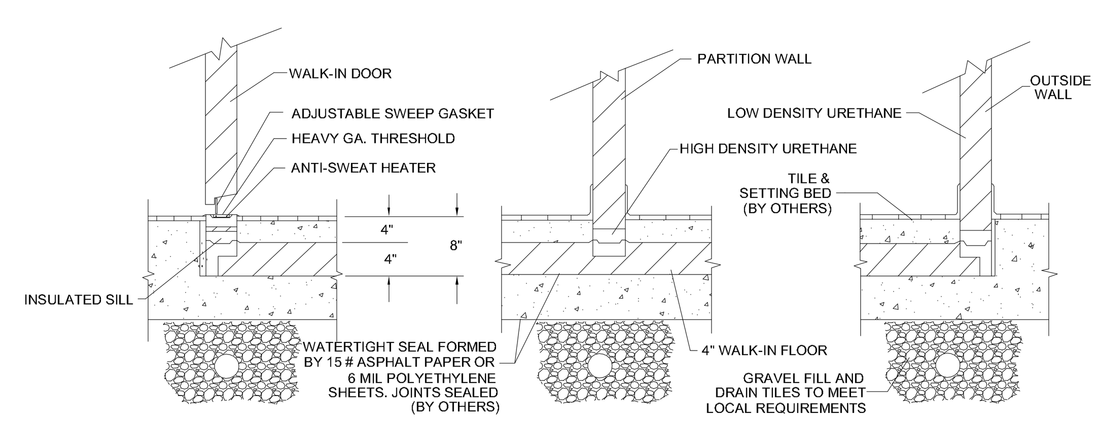
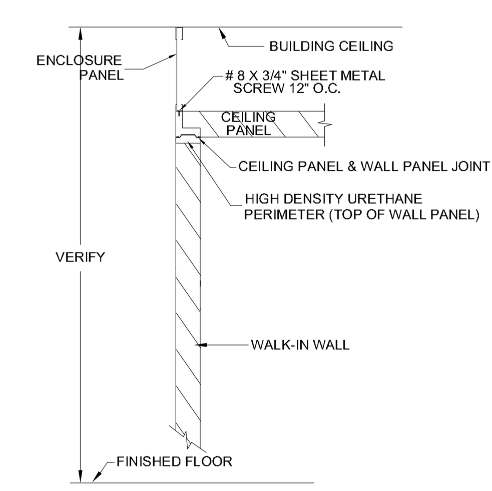


SECTION THRU DOOR

SECTION THRU PARTITION WALL

SECTION THRU OUTSIDE WALL



ENCLOSURE PANEL DETAIL

OVERALL DIMENSIONS WIDTH 15'- 8" DEPTH 7'- 11" HEIGHT 9'- 3" (30)

FINISH-Exterior
- ☐ 26 Ga. Stucco Embossed Galv. Steel
- ● .040 Stucco Aluminum
- ☐ 20 Ga. Type 304 #3 Finish Stainless Steel
- ☐ White Stucco Aluminum
- ☐ White Smooth Aluminum
- ☐ White Stucco Galv.
- ☐ White Smooth Galv.

Interior (walls and ceiling)
- ☐ 26 Ga. Stucco Embossed Galv. Steel
- WALLS ● .040 Stucco Aluminum
- ☐ 20 Ga. Type 304 #3 Finish Stainless Steel
- CEILING ● White Stucco Aluminum
- ☐ White Smooth Aluminum
- ☐ White Stucco Galv.
- ☐ White Smooth Galv.

FINISH-Interior Floor
- ☐ Built-in by others. (Breaker strip must be under all wall panels including partitions)
- ☐ 4" x 2" Vinyl U-Channel Screeds ☐ Wall Anchors ☐ 4 1/4" Foam Screeds
- ● 14 Ga. Bright Galvanized Steel
- ☐ 16 Ga. Stainless Steel. SEE DETAIL BELOW
- ☐ Smooth Aluminum
- ☐ Treadbrite Aluminum Foamed-In-Place

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SECTION FASTENERS-Thermo-Kool cam type Insta-Lok
INSULATION-4" thickness "Foamed-in-place" urethane-DURATHANE CONSTRUCTION CLASS I

☐ OUTDOOR INSTALLATION
- ☐ Vinyl weather roof W/ Facia Bar & Cover
- ☐ Sloped Foam ☐ ______SQ. FT. OF 4-MIL POLYETHYLENE (BETWEEN SLOPED FOAM & VINYL WEATHERCAP)

● INDOOR INSTALLATION
ELECTRICAL-All wiring contained within the door sections is 115/60/1Ø. Connections to this and all other lights and refrigeration supplied by others.
- ● UNEXPOSED CONDUIT - Wiring stubs out top of panels 8"
- ☐ EXPOSED CONDUIT - Wiring terminates in a field service box at top of panels

ENTRANCE DOOR-Flush infitting type with poly vinyl magnetic gasket and vinyl sweep gasket on bottom edge. Heater cables are built in around door opening to prevent frost accumulation and sweating. Ext. has a thermometer, indicating light and toggle switch. Interior has vapor proof light. Hinges are cam action type.
* Door finishes will be the same as adjacent panels unless specified otherwise under Door Accessories.

DOOR SIZE & QTY	HARDWARE	SWING
● (2) 34" x 76"	● 1238-C LATCH, (2) 1346 PERFORMER ADJUSTABLE HINGES, DOOR CLOSER	(2) ● RH
☐ ( ) 30" x 76"	☐ 1238-C LATCH, (3) 1346 PERFORMER ADJUSTABLE HINGES, DOOR CLOSER	☐ LH
☐ ( ) 36" x 78"		

● DOOR ACCESSORIES
- ☐ ( ) 14" x 14" Peep Window(s)W/ HEATED FRAME & GLASS
- ● (2) 14" x 24" Peep Window(s)W/ HEATED FRAME & GLASS
- (2) KASON # 1806 LED LIGHT FIXTURE(S) W/ BULBS ON DOOR FRAME(S)
- (2) THERMO-KOOL TK4700 WALK-IN MONITOR SYSTEM W/ TK4-MSS PANIC SWITCH, MOTION DETECTOR, BATTERY BACKUPS, DRY CONTACTS & THERMOSTATICALLY CONTROLLED HEATER WIRES
- (2) FOOT TREADLE(S)
- (2) BACKUP FRAME HEATER WIRE(S) (INSTALLED BUT NOT OPERATIONAL)
- (2) DOOR HEATER(S)
- (2) BACKUPS FOR CUSTOMER SUPPLIED VINYL SWING DOOR.

● MISCELLANEOUS EQUIPMENT
- ☐ ( ) Lights (NOT MOUNTED) 1 AMP EACH
- ☐ Interior Floor Ramp
- ☐ Exterior Floor Ramp
- ☐ # 1825 LE Heated Pressure Relief Vent .5 AMPS EACH
- (2) ● # 1830 Heated Pressure Relief Vent .5 AMPS EACH
- ☐ # 1832-4 Heated Pressure Relief Vent .5 AMPS EACH
- ● Trim & Enclosures (see detail)
- (2) KASON # 1810 48" LED LIGHT FIXTURE(S) W/ BULBS
- (1) ROW OF TITAN CUSTOM MADE S/S HAT-SHAPED BUMPER RAILS ON EXPOSED EXTERIOR (SHIPPED LOOSE)

REFRIGERATION- ☐ Aircooled ☐ Watercooled ● By Others

NOTE: IF REFRIGERATION IS NOT SUPPLIED WITH WALK-IN, BASED ON AN AMBIENT OF 100 DEGREES F, FOR NSF APPLICATIONS AT STANDARD HOLDING TEMPERATURES FOR A COOLER THE BTU RATING SHALL BE 7,600 AND FOR A FREEZER THE BTU RATING SHALL BE 9,100 .

- ☐ Condensing unit indoor
- ☐ Condensing unit outdoor
- ☐ Side Mounted Self Contained
- ☐ Top Mounted Self Contained
- ☐ Quick Connect ☐ Remote ☐ Top Mounted
- ☐ Prewired, Preassembled Remote

CONTROL KIT-The following controls indicated with a mark are included.
- ☐ Expansion valve
- ☐ Dryer
- ☐ Sight glass
- ☐ Temperature control
- ☐ Pump down solenoid valve
- ☐ Freezer Time Clock
- ☐ Pressure control
- ☐ Suction line vibration eliminator
- ☐ Winter control
- ☐ Crankcase heater
- ☐ Condensing unit cover
- ☐ Coil Mounting Kit

NSF®

NOTES: Aircooled condensing units should be placed in a well ventilated area with a minimum of 1000 CFM's per/H.P.
Evaporator drain connections by others.
NOTE: THERMO-KOOL recommends a 1" min. clearance between walk-in & building walls.

BC

ITEM # 02

DATE	REV. BY	REVISIONS DESCRIPTION

NOTE: THIS DRAWING, AND ALL DRAWINGS OR SPECIFICATIONS SUBMITTED BY THERMO-KOOL AND REPRODUCTIONS THEREOF IN WHOLE OR IN PART SHALL REMAIN THE LEGAL PROPERTY OF MID-SOUTH INDUSTRIES, INC., SUBJECT TO RECALL AT ANY TIME AND SHALL NOT BE USED FOR INSTALLATIONS OR PRODUCTION BY OTHERS EXCEPT BY OUR SPECIAL PERMISSION IN WRITING.

Walk-in panels manufactured under Patent # 5,424,118.

Mid-South Industries, Inc. ●P.O. Box 989
Laurel Mississippi 39441 ●Phone 601/649-4600
FAX 601/649-0558

SUBJECT: WALK-IN REFRIGERATION		
FOR: OLD SCHOOL KITCHEN		
MOORE OK		
DR. BY: KS	CH. BY:	DWG. NO.: Q46554-55
DATE: 08/11/2025	SCALE: 3/8"=1'-0"	SHEET NO.: 1 OF 1

1 FOODSERVICE EQUIPMENT WALK-IN PLAN
1/4' = 1'-0"

NORTH

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CEDAR CREEK
CIVIL

KFC ENGINEERING
STRUCTURAL

SALAS O'BRIEN
MECHANICAL / ELECTRICAL

RS
drawn by

RS
checked by

November 2025
date

revisions

MOORE PUBLIC SCHOOLS

OLD SCHOOL UPGRADES

sheet no:

FS601

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