

**naks** NORTH AMERICAN  
KITCHEN SOLUTIONS  
INCORPORATED



Walk-In Coolers and Freezers

*Innovation & Excellence Since 1987*

## WALK-IN STANDARD FEATURES

Listening to our customers is what we do best. They have inspired our engineering and manufacturing teams to design, refine, and build walk-ins that meet their highest expectations. Our panel raw materials and hardware components are of the finest quality in the industry. We can build a walk-in refrigeration system that meets the most demanding customer requirements and provide peace of mind that your investment will last a lifetime.

## PANELS AND INSULATION

### PANEL CONSTRUCTION



MODULAR PANEL CONSTRUCTION

Modular wall, floor, and ceiling panels are fabricated using state-of-the-art robotic manufacturing and assembly processes for precise fit, easy assembly and long life. Panels are 4" thick and manufactured with 100% uniform NAKS-XPS4 rigid foam. Insulation is permanently bonded to primed metal surfaces to form a non-deteriorating structurally rigid panel. Panel assembly is accomplished with a time-tested, corrosion resistant cam action locking system and a factory installed NSF compliant compression gasket to form rigid airtight joints.



AIRTIGHT JOINTS

### STANDARD PANEL FINISH



ACRYLUME® STUCCO EMBOSSED FINISH

Wall and ceiling panel interiors and exteriors are laminated with 26-gauge zinc-aluminum (Acrylume) coated steel, which is stucco embossed and coated with corrosion resistant acrylic paint.

### INSULATION PERFORMANCE CHARACTERISTICS

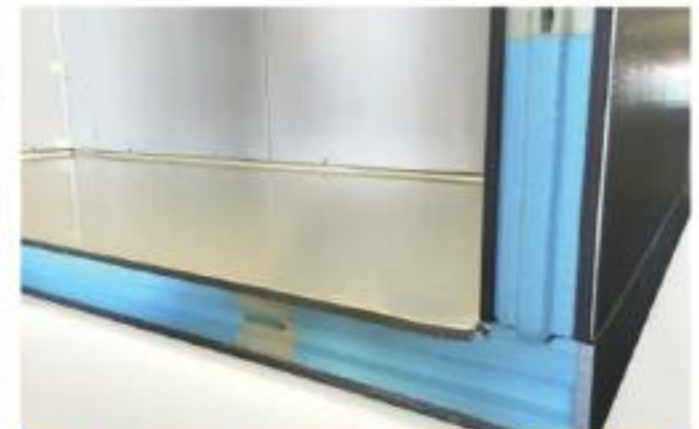


LONG-LIFE EXTRUDED FOAM

NAKS-XPS4 rigid foam is a closed cell, void-free hydrophobic (water-resistant) material that maintains the highest possible R-value over time to ensure long term energy efficiency. NAKS-XPS4 meets and exceeds the Energy Independence & Security Act of 2009 (EISA) with an R-29 value for Coolers and an R-32 value for Freezers. Our NAKS-XPS4 insulation is backed by The Dow Chemical Company with a 50 year thermal (R-value) warranty.



### STANDARD FLOOR



STRONG FLOOR CONSTRUCTION

Floor panels are also 4" thick and manufactured using heavy gauge smooth stainless steel rated to support 700 pounds per square foot of uniformly distributed floor load. They include a 1/2"-radius cove along the interior perimeter to make cleaning easier. Floorless walk-ins are provided with NSF approved floor screeds to sit flat on an existing level floor.

## WALK-IN STANDARD FEATURES

Walk-in standard heights are 6'-6", 7'-7", 8'-7" with floor; or 6'-2", 7'-2", 7'-7", 8'-2" without a floor. Custom panels are available in 1" increments to meet customer space and floorplan requirements. The NAKS and Heatcraft Bohn refrigeration system lineup includes Indoor and Outdoor Remote, Self-Contained packages and a variety of energy monitoring control systems.

All are backed by reliable service support from Heatcraft Refrigeration Products.

## STANDARD DOOR CONSTRUCTION

### FLUSH DOOR HARDWARE



SPRING ASSISTED HINGES



DOOR CLOSER



DEADBOLT KEYED HANDLE LATCH



FAST & EASY ASSEMBLY

Standard door sizes are: 36", 30", or 26" wide; all with a 76" high clear opening. Doors are constructed with 4" thick NAKS-XPS4 rigid foam insulation and finished with 26-gauge zinc-aluminum (Acrylume®) Coated steel, which is stucco embossed and coated with corrosion resistant acrylic paint.

Each door includes: two heavy duty super cam-rise spring-assisted hinges, a heavy pull handle with key lock and inside safety release, and a door closer is provided for extra positive smooth closing. To ensure a positive seal, the door includes a three sided magnetic gasket and a flexible double wiper at the bottom edge of the door.

We designed our panels so that jobsite installation is fast and easy.

All walk-ins are shipped with a hardware and installation instruction kit that includes: the shop drawing, detailed installation instructions, hex wrench for cam-lock panel assembly, and PVC press fit caps.

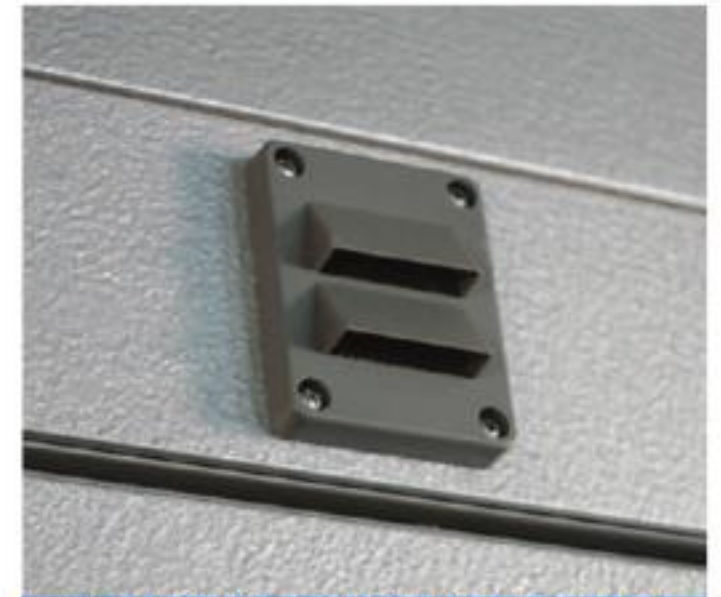
### DOOR JAMB



LED LIGHT



DIGITAL LED THERMOMETER & SWITCH



HEATED-PRESSURE RELIEF VENT

The door jamb and door are constructed with a non-conductive heavy-duty PVC extrusion that provides a thermal barrier. The jamb includes an LED light fixture mounted on the center/top of the jamb, which provides extra space for shelving posts. A digital LED Thermometer (F°/C°) is provided, with On/Off pilot light switch. Freezer doors are equipped with a heated pressure relief vent mounted on the door jamb. In addition, the doors include a temperature controlled heater wire to ensure a positive frost-free seal.

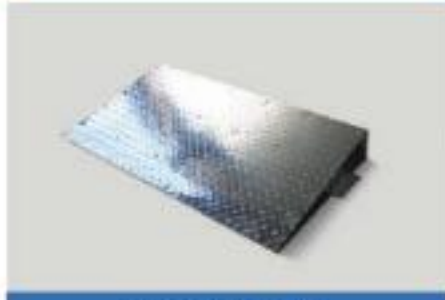
POPULAR WALK-IN OPTIONS



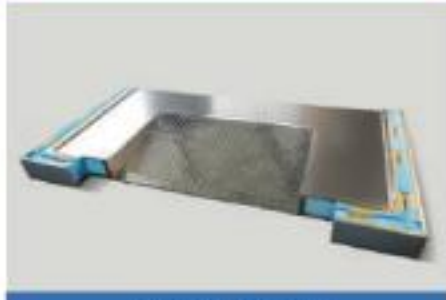
3<sup>rd</sup> SPRING ASSISTED DOOR HINGE



LED LIGHTS



EXTERIOR RAMP



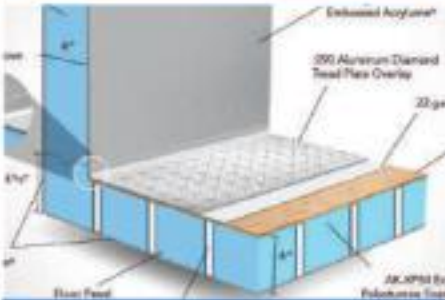
INTERIOR RAMP



STRIP CURTAIN



LOCKING BAR



REINFORCED FLOOR OPTIONS



INSULATED VIEWING WINDOWS  
(12"X12" / 12"X24")



DIAMOND KICK PLATE  
(INTERIOR AND/OR EXTERIOR)



DIGITAL AUDIO/VISUAL ALARM

WARRANTY PROTECTION

50 YEAR THERMAL WARRANTY  
ON INSULATION BY THE DOW  
CHEMICAL COMPANY



15 YEAR ORIGINAL PANEL  
WARRANTY ON WALLS  
AND CEILINGS



5 YEAR ORIGINAL WARRANTY  
ON DOOR AND FLOOR PANELS



1 YEAR LIMITED PANEL  
LABOR WARRANTY



1 YEAR ORIGINAL  
PARTS WARRANTY



Many other optional features are available upon request.  
Please call us for details and pricing.

CODE APPROVALS AND INDUSTRY LISTINGS



National Sanitation  
Foundation



Underwriters  
Laboratory



City of Houston



City of New York  
MEA



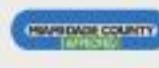
State of Oregon



EISA  
Compliant



DOE R-Value  
Compliant



Miami-Dade  
County



State of Florida

INSULATION TEST STANDARDS

WATER AFFINITY  
Hydrophobic

WATER PERFORMANCE  
per ASTM E96

WATER ABSORPTION  
per ASTM C272

COMPRESSIVE STRENGTH  
per ASTM D1621

FLAME SPREAD 15, SMOKE DENSITY 165  
per ASTM-E84

SELF IGNITION, TEMP 896°F  
per ASTM-D1929

FLASH IGNITION, TEMP 734°F  
per ASTM-D1929