amerikooler®

TAKING COOL FURTHER™

Walk-in Coolers and Freezers

50 YEAR Thermal Warranty

Industry's Longest

DUPONT

INNOVATION AND EXCELLENCE SINCE 1985

1.800.627.5665 | 575 East 10th Avenue, Miami, Florida 33010 USA | www.amerikooler.com

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 in our plant 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 AK-XPS4 rigid foam. Insulation is permanently bonded to primed metal surfaces, to form a non-deteriorating structurally-rigid panel.

Airtight Joints

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.

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

AK-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. AK-XPS4 meets and exceeds the EISA Energy Independence & Security Act of 2009 with R-29 value for Coolers and R-32 value for Freezers. Our AK-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 leveled 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 AmeriKooler and Heatcraft refrigeration system lineup includes: Indoor and Outdoor Remote and Self-contained packages, as well as 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

Standard door sizes are: 36", 30" or 26" wide, all with a 76" high clear opening. Doors are constructed with 4" thick AK-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.

INSTALLATION KIT

Fast & Easy Assembly

We designed our panels so that job-site 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^0/C^0) 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

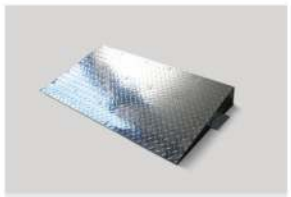
3RD SPRING ASSISTED DOOR HINGE

LED LIGHTS
(mounted on the jamb or loose)

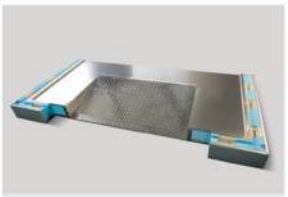
STRIP CURTAIN

LOCKING BAR

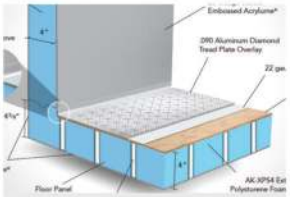
DIAMOND KICK PLATE
(interior and/or exterior)



EXTERIOR RAMP



INTERIOR RAMP



STAINLESS STEEL AND
REINFORCED FLOORS

INSULATED VIEWING WINDOWS
(12"x12" / 12"x24")

DIGITAL AUDIO/VISUAL ALARM

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

WARRANTY PROTECTION

DuPont 50 YEAR THERMAL WARRANTY
50 Year Thermal Warranty

PANEL 15 YEAR LIMITED WARRANTY
15 Year Panel Warranty

DOORS & FLOORS 5 YEAR LIMITED WARRANTY
5 Year Doors & Floors Warranty

LABOR 1 YEAR LIMITED WARRANTY
1 Year Labor Warranty

PARTS 1 YEAR LIMITED WARRANTY
1 Year Parts Warranty

CODE APPROVALS AND INDUSTRY LISTINGS

National Sanitation Foundation

Underwriters Laboratory

Miami-Dade County Approved

State of Florida Approved

LARR LA Research

City of New York-MEA

State of Oregon

EISA Compliant

City of Houston

Hydrophobic Insulation ASTM C272

INSULATION TEST STANDARDS

WATER ABSORPTION
per ASTM C272

WATER PERFORMANCE
per ASTM E96

WATER AFFINITY
Hydrophobic

COMPRESSIVE STRENGTH
per ASTM D1621

SELF IGNITION, TEMP 896°F
per ASTM-D1929

FLASH IGNITION, TEMP 734°F
per ASTM-D1929

FLAME SPREAD 15, SMOKE DENSITY 165
per ASTM-E84