

POLAR BEAR PANEL INC.
1050 N.W. 21TH STREET
MIAMI, FL 33127

General Specification

- A. WALK IN refrigerated rooms manufactured by Polar Bear Panels Inc.
- B. Prefabricated walk in refrigerated rooms, all metal glad sectional constructed in nominal flexible widths with interior finish and height to suit any requirements, designed for easy and accurate field assembly and easy disassembly for relocation, and for addition of extra section to increase room size.

PANELS CONSTRUCTION SPECIFICATION:

- C. Walls, ceiling and floor section shall consist of interior and exterior stucco embossed galvanized with white baked enamel paint. Panel facing are laminated to rigid insulation with adhesive, under pressure to ensure a strong and permanent bond, panels are 100% insulation core with no wood framing , and all panels edge are tongue and grove to ensure proper alignment and maximum strength and seal. Panel's connections consist of factory metal edge form to interlock panels designed to withstand 1600 pound tension load.

INSULATION FOR COOLER, FREEZER

- D. Insulation shall be rigid expanded polystyrene with thickness to suit requirements, 8" polystyrene insulation shall have thermal conductivity (k-factor) of no more than 0.16 BTU per hour (square foot) (Fahrenheit degree per inch) "R" factor is .35 insulation with the flame spread rating and smoke rating less than 150. Insulation conforms to ASTM. Regulation and Fire Hazard Material Test # E-84-UL-723. (Test results are not intended to reflect hazards presented by this or any other material under actual fire condition)

FLOOR

- E. Where prefabricated floors are called for, floor sections shall be similar to walls and ceiling but reinforced with .80 ga ALUMINUM DIAMOND PLATE sheets cut to size to withstand 450 pound per square foot.

ENTRANCE DOOR AND DOOR PANEL.

- F. Standard door opening shall be 36" x 82" and 45"x 82" door shall be swing type in fitting overlap mount. Finish of doors shall be foam in place urethane insulation.

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DOOR EQUIPPED WITH THE FOLLOWING

- G. Perimeter door jamb (opening) constructed of high impact reinforced aluminum extruded and foamed-in place. Material shall be non-conductive, corrosion proof impact resistant and will not absorb moisture; Material shall be coved to facilitate easy cleaning, neoprene gasket and low wattage heater 115 volt.
Flush mounted thermometer (Including with all door)
Pressure relief port (Included with all freezer)

SPECIAL PROVISIONS;

- H. Membrane weather roof cover for outdoor application (optional)
- I. Glass doors any size for cooler and freezer (including lights and shelves (optional))

REFRIGERATION EQUIPMENT;

- J. Remote refrigeration system (including condensing unit, evaporator and accessories)
- K. Self contained package system top mounted (1/2 H.P. to 2 H.P.) Med temp and Low temp.