



5609 AZLE AVENUE
 FORT WORTH, TX 76114
 817-626-3737

Walk-in Cooler/Freezer Specifications
 Wood Frame Perimeter

1. Panel Fabrication

A. Insulation

Insulation shall be closed cell foamed-in-place urethane of a self extinguishing, fire retardant type i.e. Class 1.

Panel thickness shall be a minimum of 3 ½” and rated according to the following applications unless otherwise specified:

Coolers (3 ½”)	35 – 40 F
Freezers (5”)	0 – Minus 20 F
Ambient Temp	100 F

B. Construction

Panels to be Class 1 rated as per E84 testing with:

Flame Spread	Less than 25
Smoke Development	Less than 450

Panels to have a nominal internal density range of 2.0 to 2.2 lbs./ft3.

All panels to have a 1 ½” thick wood perimeter frame for enhanced structural support.

Ceiling panels are to attach to wall panels with lag bolts applied from the exterior of the vault unless inside lock down tops are requested.

Cams are to be spaced at 4’0” maximum intervals. Cam locks shall be operated from the interior of the vault.

K/R Index Chart

<u>Mean Temp</u>	<u>K Value</u>	<u>R Value/Inch</u>	<u>3 ½” Panel</u>	<u>5” Panel</u>
75deg. F	.128	7.81	27.3	41.0
50deg. F	.121	8.26	28.9	43.4
35deg. F	.117	8.55	29.9	44.9