

US PATENT NO. 6,533,185

INSULHEAT PANELS

MODULAR INSULATED RADIANT HEAT PANEL SYSTEM

Construction: EPS High Compression Foam

Nominal Dimensions: 16" x 48"

Thickness: 1" & 2"

Groove Depth: 5/8"

PEX: 1/2" Nominal ASTM F 876-877 PEX

PEX Spacing: Two grooves 8" OC

Surface: 24 Gauge 1100 H24 Aluminum Sheet

Assembly Compression Strength: 63 PSI

Groove Type: Omega

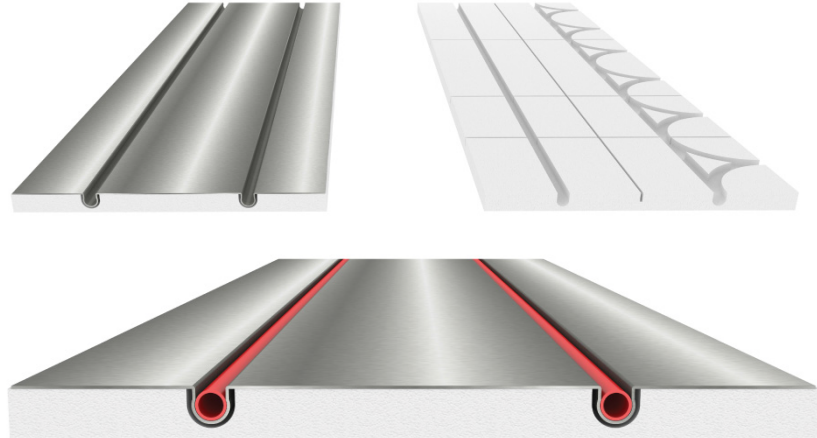
Board Types: Straight. Transitional.

R Value: R-5, R-10

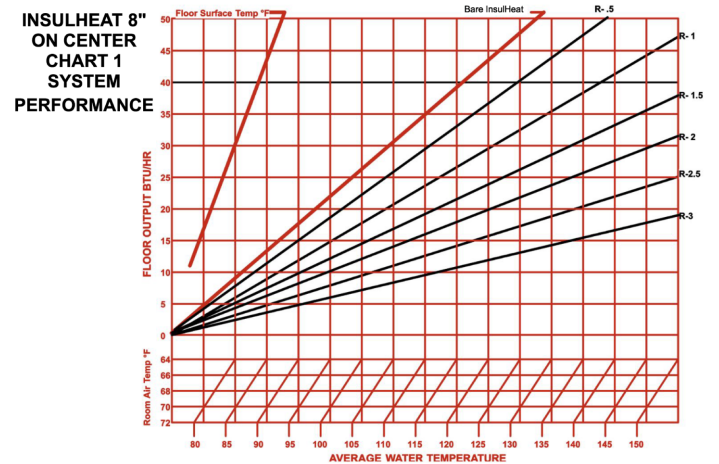
Pallet Size: 4'x4'x4' (Mix and Match)

Panel Weight: 0.53lbs / sq.ft

Packaging: Corner Protected. Shrink Wrapped



EFFICIENCY CHART



HOW TO USE THIS CHART: First, calculate the heating output required in BTU/hr/sq.ft. Proceed horizontally right until you intersect the R-Value line of your floor covering(s), then drop straight down vertically to the horizontal line of desired room temperature, then angle down to the left to read the average required water temperature. For example, if you need 15 BTU/hr/SF with an R-5 floor covering and a 70°F room temperature, you'll need 93°F average water temperature.

HOW TO USE THE PERFORMANCE CHART

First calculate the heating output required in BTU per hour per square feet. Proceed horizontally right across the page until you intersect the R-Value line of your floor coverings. Then drop straight down vertically to the horizontal line of your desired room temperature, then angle down to the left to read the average required water temperature. For example, if you need 15 BTU per hour per square foot with an R-5 floor covering and a 70F room temperature, you should get 95F average water temperature.

SHOP DRAWING SAMPLE

Each InsulHeat project shall be provided detailed project specific CAD drawings and schedules upon acceptance.

