



HEAT LOSS FEATURES AND PRICING

FurnXpert Refractory Heat Loss program offers the ability to run Heat Loss calculations through multiple layers of refractories. The results constitute temperature profile from the hot surface to the cold surface, Junction Temperatures, and Heat Flux. The analysis can be performed on a straight or curved surface. Transient analysis to determine temperature rise with time can also be performed with the Transient module.

KEY FEATURES:

Layer Generator: User can analyze up to five layers of refractories providing following information

- ✓ Refractory selection from drop down menu
- ✓ Thickness entry for each layer
- ✓ Cold side emissivity
- ✓ Natural or Forced convection on cold side with the option to enter air velocity

Unit System: The software is designed for both English and Metric units.

Straight and Curved surfaces: The user can run heat loss calculations for both straight and curved walls.

Transient Analysis: The temperature change with time can be determined by providing temperature variation for the hot or cold surface with time.

Refractory Data: The software comes with a database of more than 20 refractories. It also provides the user with a tool to create new refractory data.

Reports: Results from each calculation can be displayed in report format, can be exported to excel spread sheet and can be directly printed or converted to PDF format.

Price of the software: *SINGLE USER license

USD \$149 Steady State

USD \$199 Steady State + Transient

FurnXpert – Annual technical support and software maintenance

The technical support package entitles the user to help-desk support via telephone or e-mail for a period of 1 year from the date of purchase. During this period the user will also be provided with free software upgrades, as they become available.

Discounts: 5 – 10 license – 10% discount, more than 10 licenses – 15% discount