DH Dry Kiln
Dry kiln with doors open and loaded
Newer version
Newer dry kiln version
EBAC unit
Basic construction
Pegboard used as air diffuser
Pegboard diffuser
Proper lumber stacking is important
Stacking jig
Sample boards
Sample board prep
Math

\[ MC = \frac{\text{Wet Weight} - \text{Oven Dry Weight}}{\text{Oven Dry Weight}} \]

Sample Board Est. Dry Wt. = \( \frac{\text{Wet Weight}}{1+\frac{MC}{100}} \)

Oven temp set above 212 degrees F. or 100 degrees Celcius
Oven Dry Weights for small samples
MC of small samples calculated and averaged.
Estimated dry weight for sample board

\[
\frac{44.36}{1 + 0.64} = 27.05
\]
Estimated Dry Weight of Sample board

44.36 oz

27.05 oz
Drying controller

**Drying control** = % time dehumidifier runs
Set according to table in OM pg. 20

**Temperature setting**
Never increase temp more than 5 degrees per day.
Killowatt EZ

Enter Kilowatt-hour rate

Measures
1. Cost of power consumed
2. Total time of kiln operation
Hard maple furniture blank