



# Klamath Tray Dryer



## Overview

The Klamath Tray Dryer is an outstanding example of the classic cabinet style dryer, with a twist, it is expandable! Uniform and consistent dehydration is a result of a combination of a powerful fan and a direct fired gas burner. The Klamath is an excellent fit for the emerging company with a rapid growth potential. Through the use of additional sections, the Klamath can double its capacity and double it again at a minimal cost. For a quality tool that grows with your business, ask for the Klamath Tray Dryer.



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# Klamath Tray Dryer



## Features/Benefits

- Expandable to grow with your business
- Your choice of Stainless or Carbon steel construction to fit your budget
- LED Displays of real time **Temperature** with set-point controls.
- Capable of drying a large range of products from Curing and Jerking meat and fish to fruits, fruit leathers, vegetables, nuts, herbs, and seeds to name only a few.
- 2" Inch Insulation for efficiency
- Standard 5HP fan motor for high airflow and longevity.
- Commercial quality construction for long useful life.
- 198 square feet of drying surface area for

## Specifications

- Thermostatic Temperature Control (from ambient to 260°F)
- Powerful fixed speed fan
- Direct fired gas burner
- Adjustable fresh air inlet (humidity control)
- Steel tubing construction for easy relocation if necessary

## Dryer Dimensions

HEIGHT: 9 Feet  
 WIDTH : 6 Feet 7 Inches  
 DEPTH: 3 Feet 5 Inches

Standard unit shipping weight: 4,500 LBS

## Klamath Dryer Capacity W/Stainless Steel Trays

<u>Dryer</u>	<u>Tray Size</u>	<u>Sq.Ft.P/Tray</u>	<u>#Trays</u>	<u>Drying Area</u>	<u>1/2 lbs product per square foot</u>	<u>1 1/2 lbs product per square foot</u>	<u>3 lbs product per square foot</u>
Klamath	18"x26"	3ft.	66	198sq.ft.	99.00lb. (45kg)	297.00lb. (135kg)	594lb. (269kg)
W/1 Addition	18"x26"	3ft.	132	396sq.ft.	198lb. (90kg)	594lb. (269kg)	1,188lb. (539kg)
W/2 Additions	18"x26"	3ft.	198	594sq.ft.	297lb. (135kg)	891lb. (404kg)	1,782lb. (808kg)
W/3 Additions	18"x26"	3ft.	264	792sq.ft.	396lb. (180kg)	1,188lb. (539kg)	2,376lb. (1,078kg)

## Klamath Capacity W/High Temperature Plastic Trays

<u>Dryer</u>	<u>Tray Size</u>	<u>Sq.Ft.P/Tray</u>	<u>#Trays</u>	<u>Drying Area</u>	<u>1/2 lbs product per square foot</u>	<u>1 1/2 lbs product per square foot</u>	<u>3 lbs product per square foot</u>
Klamath	27"x38"	6.5ft.	24	156sq.ft.	78lb. (35kg)	234lb. (106kg)	468lb. (212kg)
W/1 Addition	27"x38"	6.5ft.	48	312sq.ft.	156lb. (71kg)	468lb. (212kg)	936lb. (425kg)
W/2 Additions	27"x38"	6.5ft.	72	468sq.ft.	234lb. (106kg)	702lb. (319kg)	1404lb. (638kg)
W/3 Additions	27"x38"	6.5ft.	96	624sq.ft.	312lb. (141kg)	936lb. (425kg)	1872lb. (850kg)

## Klamath Operation Costs

<u>Dryer</u>	<u>Fan Motor HP/ Amps</u>	<u>Heat Type, Max load</u>	<u>Average Electrical Load (Fan)</u>	<u>Average Heat Load</u>	<u>Average Hourly Cost Fan/Heat</u>
Klamath	5 HP 15.2 Amps	Gas Burner, 400,000 BTU's	5.6 kw/hr	160,000 BTU's	5.6 kw x \$0.09=\$0.50 1.6 therms x \$1.15=\$1.84

\*Notes: All heating loads were computed based on a 40% consumption rate. This is an average figure, and may not accurately represent all applications. Energy costs will vary per Therm and Kilowatt. Check rates for your area