



"The Source For High Power Microwave" Solutions & Engineering

Thermo Wave Technologies

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All Products and Services are Designed and Manufactured In House. This is accomplished by the Expertise of our Staff of over 70 Employees.



BOOST HEATING SYSTEMS

Microwave Boost Heating for Conventional Systems

Microwave Booster Ovens have proven they will **Successfully and Dramatically** increase Processing Speeds of an existing Conventional Oven, by increasing the Product Temperature **Rapidly and Volumetrically**. Current Microwave Boost Systems have shown throughput increases up to 300%! Examples of Products that have benefited from Microwave Boosting are:

- Meatballs
- Beef Patties
- Chicken Patties
- Chicken Wings

Meat Balls

Arguably the most successful application of the use of Microwave energy to boost the effectiveness of existing Conventional Cooking Systems. Current customers enjoy the convenience of a Microwave Boost System that has a relatively small footprint and works seamlessly with existing equipment.

Chicken Wings

Microwave Boost Ovens have also been used to successfully increase throughput of Chicken Wings boosting the effectiveness of existing Conventional Cooking Systems already in place. As with Meat Balls, a Microwave Boost System has a relatively small footprint that benefits the cook process greatly.



Product	Initial Throughput Lbs/Hr	Initial Temperature Degrees F	Final Temperature Degrees F	Heat Required Kilowatts	Microwave Power Kilowatts	Temperature Exiting Microwave Degrees F	Boosted Throughput Lbs/Hr	Boost
2.5 Oz.	2,050	30	165	65	225	135	9,160	447%
2 Oz	2,520	30	165	80	215	128	9,314	370%
1.5 Oz	2,950	30	165	93	200	122	9,270	314%
1.0 Oz	3,900	30	165	123	170	108	9,272	238%
0.5 Oz	5,100	30	165	161	130	90	9,208	181%

For More Details
Call 1-800-733-9615
Or Contact Us At:
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The above table is an example of a Meat Ball Boost Oven variables and proven results. In this example, the power available is up to 300 Kilowatts.