



## Rack Oven Energy Management Upgrade Kits

### STANDARD FEATURES

- New controls include features to manage your energy usage and increase your productivity
  - Auto on: Set oven to preheat before you arrive & minimize your wait time before the first bake of the day.
  - Auto off: Set oven to turn off at the end of your baking day - ensuring the oven is not left on overnight.
  - Advanced Set Back mode: Utilize our energy-saving standby mode when oven is left idle for extended periods of time.
- Idle time and set-back temperature are customer determined to maximize energy savings in your application.
- Uses less time and energy to become bake-ready than restarting the oven during the day.
- Two kits available to upgrade the last two generations of rack ovens to our current controls.
  - BXA or HBA oven kit includes updated oven controls & programming.
  - HO210 or OV210 oven kit includes updated control door, oven controls & programming.
- Contact your local service office to determine if the energy upgrade kit will work in your oven and for installation information. This kit must be installed by an authorized service provider.



### MODEL CONFIGURATIONS

- ROHBA-EMKIT:** For BXA or HBA rack ovens  
Manufactured from Jan. 2003 to Oct. 2007  
\$536.00 List
- RO210-EMSGL:** For HO210 or OV210 **single** rack ovens  
Manufactured from Jan. 2000 to Oct. 2005  
\$1,286.00 List
- RO210-EMKIT:** For HO210 or OV210 **double** rack ovens  
Manufactured from Jan. 2000 to Dec. 2005  
\$1,286.00 List

Area Reserved For Consultant & Contractor Approvals



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**Oven Comparison:**

	210 Ovens from 1/00 to 12/05			BXA or HBA Ovens from 1/03 to 10/07		
	Factory Supplied	Modified w/EM System*	Savings	Factory Supplied	Modified w/EM System*	Savings
<b>Average daily energy use (cu. ft.)</b>	803.30	720.40		795.30	737.60	
<b>Average BTU/day</b>	823,391	738,432	<b>84,959</b>	815,232	756,014	<b>59,218</b>
<b>Green house gases (MT GHG savings per year)</b>			<b>1.61</b>			<b>1.13</b>
<b>Annual use (therms)</b>	2,964.20	2,658.40	<b>305.80</b>	2,934.80	2,721.70	<b>213.10</b>
<b>Average on Time per day (hours)</b>	11.78	11.21	<b>0.57</b>	12.09	13.44	<b>-1.35**</b>

\* Energy Management System (EM) utilized a set-back temperature of 250°F, a set-back time of 15 minutes, automatic ON and OFF at preset times each day. Actual savings will vary due to actual use of oven and the EM System.

\*\* With the EM System, the oven usage actually increased by 11% daily but still reduced daily energy consumption by 7.7%.

**OV210 Payback Example 1:** Therm rate of \$0.67319 per therm.

\$206 savings each year would be expected, based on the annual therm savings above. The kit would pay for itself in less than 5 years without any other changes to process or operation.

**OV210 Payback Example 2:** Therm rate of \$0.9339 per therm.

\$286 savings each year would be expected. The kit would pay for itself in less than 3.5 years without any additional changes to process or operation.

**OV210 Payback Example 3:** Therm rate of \$1.20 per therm.

\$367 savings each year would be expected. The kit would pay for itself in less than 2.7 years without any additional changes to process or operation.

**BXA/HBA Payback Example 1:** Therm rate of \$0.67319 per therm.

\$144 savings each year would be expected, based on the annual therm savings above. The kit would pay for itself in less than 3 years without any other changes to process or operation.

**BXA/HBA Payback Example 2:** Therm rate of \$0.9339 per therm.

\$199 savings each year would be expected. The kit would pay for itself in approximately 2 years without any additional changes to process or operation.

**BXA/HBA Payback Example 3:** Therm rate of \$1.20 per therm.

\$256 savings each year would be expected. The kit would pay for itself in approximately 1.5 years without any additional changes to process or operation.

Payback examples are for purchasing the kit only. Installation prices may vary and will affect total payback times.

Manufacturer reserves the right to make changes in sizes and specifications.



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