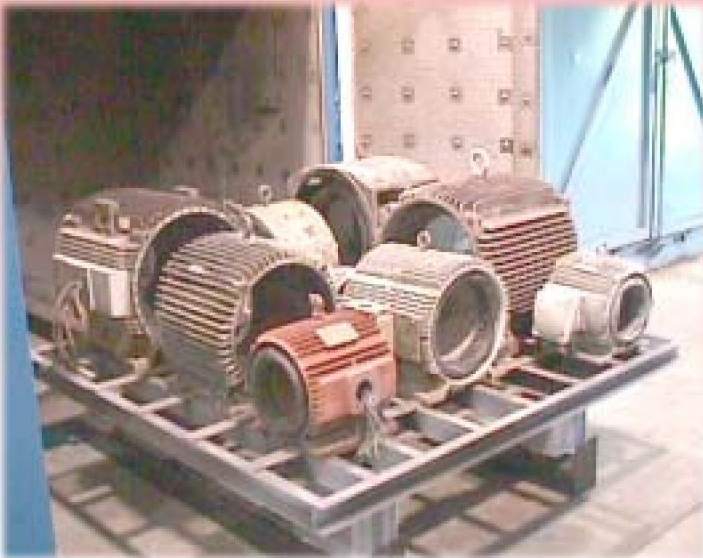


BURN OFF OVENS

OPTIONAL ACCESSORY - ITEM OA-808 FAST TURNAROUND KIT

Supplied with the required electronics, controls and two thermocouples for insertion in the core of a small and large stator. The thermocouples register the stator core temperatures on digital controls with set points. When the core temperature exceeds the setpoint, the water suppression system is activated and/or the main burner goes to low fire.



A recent installation by a large EASA shop demonstrates the considerable savings in time and energy. A full load of stators (10 H.P. to 200 H.P.) was stripped in 4.75 hours. All copper was easily removed and the core temperatures never exceeded the core setpoint, i.e. 730°F (388°C) Compare to this customer's previous experience of a 36 hour cycle for the same load in their old oven.

Load Weight: 1,400 Lbs.

Fuel Cost with Item OA-808

Model 260-RT Oven (Interior Dimensions 72"W x 72"D x 69"H over cart) uses 750,000 BTU/HR
 $750,000 \times 4.75 \text{ Hours} = 3,562,500 \text{ BTU/load}$
 Natural Gas is \$8.00 per 1,000,000 BTU $3.562 \text{ MBTU} \times \$8.00/\text{MBTU} = \$28.50 \text{ per load}$

Fuel Cost with Old Burn Off Oven

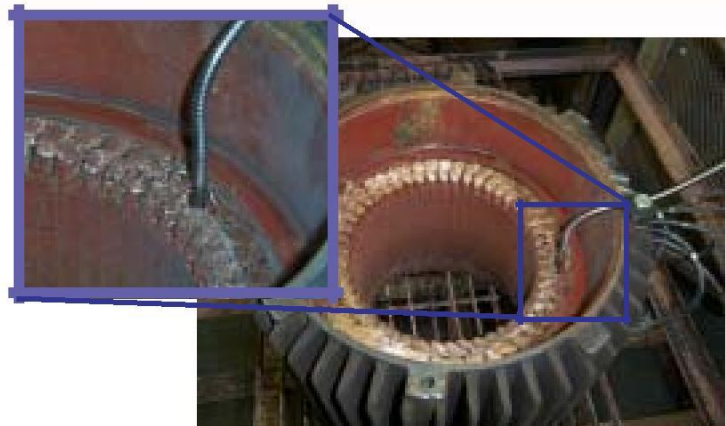
Old Oven used 750,000 BTU/HR
 $750,000 \times 36 \text{ Hours} = 27,000,000 \text{ BTU/load}$
 Natural Gas is \$8.00 per 1,000,000 BTU
 $27 \text{ MBTU} \times \$8.00 = \$216.00/\text{load}$

Fuel Savings per Load

$\$216.00 - \$28.50 = \$187.50/\text{load}$

Fuel Savings per Year

$200 \text{ Loads} \times \$187.50/\text{Load} =$
\$37,500/Year Savings



Flexible Thermocouple inserted into the coils monitors core temperature while the Ramp and Soak Controller provides exact temperature profile.

ace

See reverse for actual test data

Actual Test Data -6 Stators

StatorStatistics						
				W eight		
M ake	H P	R P M	F r a m e	B efore	A fter	
B aldor	60 HP	3520	326TS	245	233.5	
B aldor	40 HP	1760	324T	265	260	
B aldor	15 HP	3450	254TC	126	121	
U S Elec.	40 HP	1775	324T	257	253	
E lektrim	25 HP	3530	284T	236	233	
Lincoln	7.5 HP	1745	213TC Alum inum	50	46	
			Total	1179	1146.5	
				2.75% C om bustibles		

Model 260-RT with OA-808 Fast Turnaround Kit using Factory Program 1
Testing 6 stators

	T im e	O ven	S eg.#	FrontT/C (in stator)	R ear T/C (in stator)	AB Tem p
Start	10:00	68°F	6	70°F	70°F	78°F
	10:15	503°F	6	140°F	143°F	1324°F
H old	10:30	625°F	7	237°F	223°F	1429°F
	10:45	717°F	7	356°F	320°F	1503°F
	11:00	800°F	7	490°F	432°F	1515°F
D ow n	11:14	890°F	8	609°F	547°F	1517°F
	11:30	750°F	9	762°F	622°F	1521°F
	11:50	748°F	9	805°F	677°F	1522°F
	12:00	750°F	9	802°F	687°F	1521°F
	12:15	751°F	9	798°F	702°F	1523°F
H old	12:30	750°F	10	795°F	717°F	1521°F
	12:50	747°F	10	782°F	726°F	1522°F
	1:00	748°F	11	779°F	731°F	1517°F
	1:15	750°F	11	775°F	737°F	1515°F
	1:30	751°F	11	770°F	745°F	1512°F
	1:45	749°F	11	768°F	747°F	1507°F
O ff	1:55	750°F	11	767°F	751°F	1501°F

The OA-808 System automatically timed out the Model 260-RT in 4 hours with all stators completely burned out.