



## CLEAN AIR ACT ADVISORY COMMITTEE

### Greener Gas Cleaner Air

LEHR Incorporated

Winner

EPA 2008



# Leading Products



EcoBlower  
August 2009



EcoTrimmer  
Consumer- Dec. 2008  
Mid Range Commercial – Sep.  
2009  
Commercial – Apr. 2010



EcoMower  
September 2009





# LEHR<sup>®</sup>

Environmentally friendly technology

# Per Unit Reduction from LEHR Products

CONSUMER POLLUTION REDUCTION	EPA STANDARD		
Pollution Reduction Per Unit	HC + Nox	CO	Evaporative Emissions
Pounds Per kWh EPA Standard	0.11042	1.77783	0.63597
Pounds Per kWh EPA LEHR	0.03821	0.44920	0.00000
Units	1	1	1
Hours Per Unit Operated Annually	8.6667	8.6667	365
Pounds of Pollutant @ EPA Standard (per unit)	0.96	15.41	232.13
Pounds of Pollutant @ LEHR (per unit)	0.33	3.89	0.00
<b>Potential Pounds Pollution Reduction (per unit)</b>	<b>0.63</b>	<b>11.51</b>	<b>232.13</b>
COMMERCIAL POLLUTION REDUCTION	EPA STANDARD		
Pollution Reduction Per Unit	HC + Nox	CO	Evaporative Emissions
Pounds Per kWh EPA Standard	0.11042	1.77783	0.63597
Pounds Per kWh EPA LEHR	0.03821	0.44920	0.00000
Units	1	1	1
Hours Per Unit Operated Annually	600	600	365
Pounds of Pollutant @ EPA Standard (per unit)	66.25	1,066.70	232.13
Pounds of Pollutant @ LEHR (per unit)	22.93	269.52	0.00
<b>Potential Pounds Pollution Reduction (per unit)</b>	<b>43.33</b>	<b>797.18</b>	<b>232.13</b>



# Potential Pollution Reduction from First 3 LEHR Products

<b>UNIT SALES</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
LEHR Consumer Units in Use	1,696	96,867	203,226	441,352	848,032
LEHR Commercial Units in Use	0	486	27,484	113,568	305,136
<b>REDUCTION IN POLLUTION (pounds per compound)</b>					
HC + NO <sub>x</sub>	(1,061)	(81,678)	(1,317,944)	(5,196,655)	(13,751,040)
CO	(19,529)	(1,502,831)	(24,249,549)	(95,616,008)	(253,012,660)
Evaporative Emissions	(393,691)	(22,598,343)	(53,554,319)	(128,813,052)	(267,683,863)
Particulates	-97.0%	-97.0%	-97.0%	-97.0%	-97.0%
Carcinogenic Compounds Burned	-96.0%	-96.0%	-96.0%	-96.0%	-96.0%





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# How Can the EPA Improve

- Measure Particulates in Class IV Engines
- Legislate Stricter Standard for Commercial Users
- Early Introduction of a Phase IV
- Support “Greener Gardens Bill” (Leahy, Sanders, Welch)



THANK YOU  
FOR CARING...

