



LaundroZone, LLC.

220-20 Reservoir Street
 Needham, MA 02494
 781-445-8080 phone
 1-888-703-4114 fax
www.laundrozone.com

"Save Money with Green Technology"

MEDIUM OPL LAUNDRY MODEL WATER AND ENERGY SAVINGS

WATER AND SEWER	
2,000	Actual Lbs/Day (x)
100%	Loading
2,000	Average Daily Lbs. (x)
365	Operating Days/Year
730,000	Pounds Per Year (x)
2.25	Gallons Per Pound
1,642,500	Annual Gallons Used (x)
25%	WATER Saved
410,625	Gallons Saved / Year
410,625	Gallons Saved / Year (÷)
748	Gallons Per Unit
548.96	Est. Annual Units Saved

ENERGY	
985,500	Gallons of Hot Water/Year at 60% (x)
8.33	Weight/Gallon of Water
8,209,215	Weight of Water/Year (x)
80	° (F) of Temp Rise
656,737,200	Total BTU's Required (÷)
80%	Heater Efficiency
820,921,500	Total BTU's (÷)
100,000	BTU's Per THERM
8,209	THERMS Saved
8,209	THERMS Saved (-)
90%	(10% Used for Heavy Soil)
7,388.29	Annual Therms Saved

ANNUAL SAVINGS		Est. Units Saved	Est. Annual Savings
WATER/CCF	\$3.00	548.96	\$1,646.89
SEWER/CCF	\$4.00	548.96	\$2,195.86
CHEMICALS SAVED	\$0.005	730,000.00	\$3,650.00
ENERGY RATE/Therm	\$0.75	7,388.29	\$5,541.22
Reduced Dryer/Therm	\$0.75	1,000.00	\$750.00
LINEN REPLACEMENTS	\$20,000.00	20%	\$4,000.00

TOTAL FIRST YEAR SAVINGS: \$17,783.97

TOTAL SYSTEM COST ESTIMATE: 1 LZB-M4.4 WITH SAFETY MONITOR INCLUDING FREIGHT, INSTALLATION for 2, 3, OR 4 Washers \$15,000.00

ENVIRONMENTAL IMPACT ••••• CARBON FOOTPRINT OFFSET					
ACTUAL THERMS USED		LBS/THERM		POLLUTION REMOVED IN TONNE	
THERMS SAVED	7,388.29	CO2	11.71	CO2	39

PAYBACK: 10.12 MONTHS
RETURN ON INVESTMENT 118.56%

DISCLAIMER: LAUNDROZONE represents and warrants that the Return on Investment and the supporting Savings Analysis HEREIN constitutes a good faith estimate of the energy savings and related savings to the customer upon completion of the installation, and that the data and conclusions therein are consistent with recognized industry standards for analyzing and estimating energy consumption related to measures included in this savings analysis. Savings estimates are based on information supplied by the customer. When information is not supplied as required, various laundry industry standards are used from the Hospitality, Healthcare or commercial sectors. Savings are also based on the LAUNDROZONE acceptance of washing methods, wash formulas and chemistry. In order to achieve optimum savings and quality; the following conditions must be met: 1) That washing equipment must be in good working condition i.e. water valves and drains in operable condition (not leaking). 2) Supply signals working properly. 3) Microprocessor functions are all operable. 4) Proper loading values are followed and program selection is maintained. 5) Water conditions are "soft". In addition, cooperation with the existing chemical supplier is crucial to optimum performance. We assure you that the customer's linen quality using the LAUNDROZONE diffuser method will be the same or better than it is presently.