



Your Coil Cleaning Experts

JOB REPORT: Company 2



YOUR ENERGY SAVINGS SOLUTION

- + Chillers
- + Cooling Towers
- + Evaporator/Condenser
- + Refrigerated Transport



EcoClear LLC (A GPM Company)

OVERVIEW

EcoClear cleaned and coated 1 unit as a test at Company 2. Included in this report is data for this unit along with before and after pictures. The results from the coil cleaning showed that the unit had a fair amount of blockage and impaction within the coil. Due to the impaction it has limited the cooling capacity and increases the energy cost to operate this piece of equipment. The deep clean that was performed on this unit freed the impaction, allowed for greater heat transfer, increased capacity and energy savings, and increased CFM and Airflow. Below is the data that was received from the unit that was tested.

Condenser

Average CFM Before

5417	7134	7126
9332	8044	6027
6244	6180	5526

Average CFM After

7019	9525	15130
13680	9106	7172
7172	7401	6830

AVERAGE CFM BEFORE: 6,781

AVERAGE CFM AFTER: 9,226

CFM INCREASE: 2,445 (36%)

Evaporator

Average CFM Before

3753	5292	3911
3506	5249	3766
3564	3108	3737

Average CFM After

5733	6217	6254
3969	5684	5994
4101	4250	5286

AVERAGE CFM BEFORE: 3,987

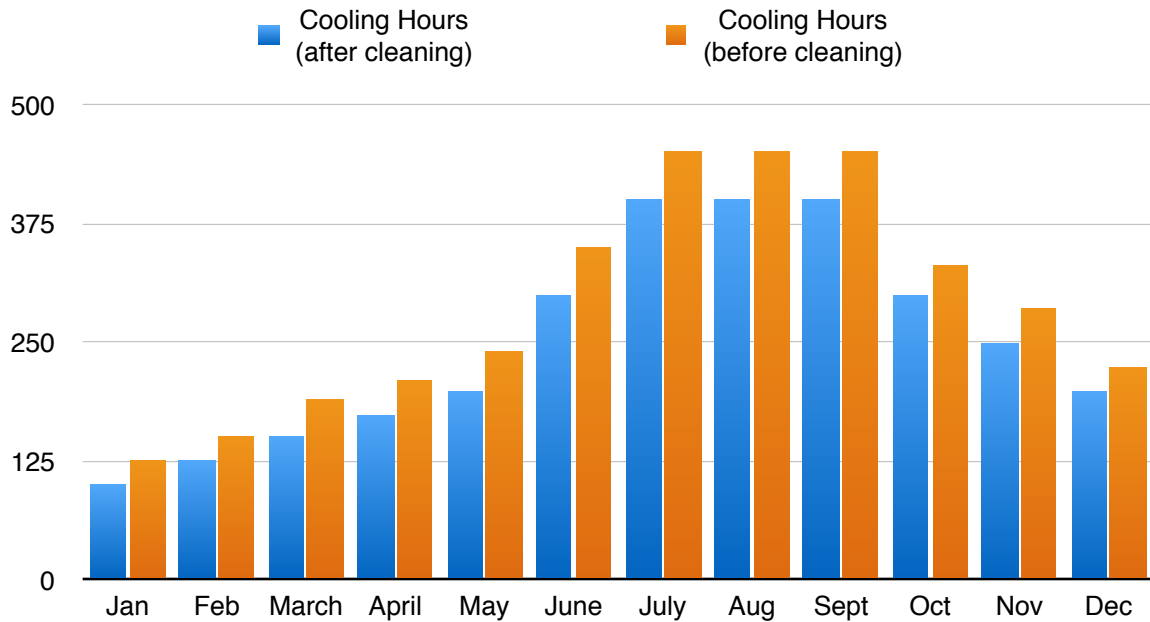
AVERAGE CFM AFTER: 5,276

CFM INCREASE: 1,289 (32%)



JOB REPORT

Estimated Annual Cooling Hours



Estimated Total Before: 3450

Estimated Total After: 3000

Estimated Extra Annual Runtime: 14%

Entrance/Exit Temps

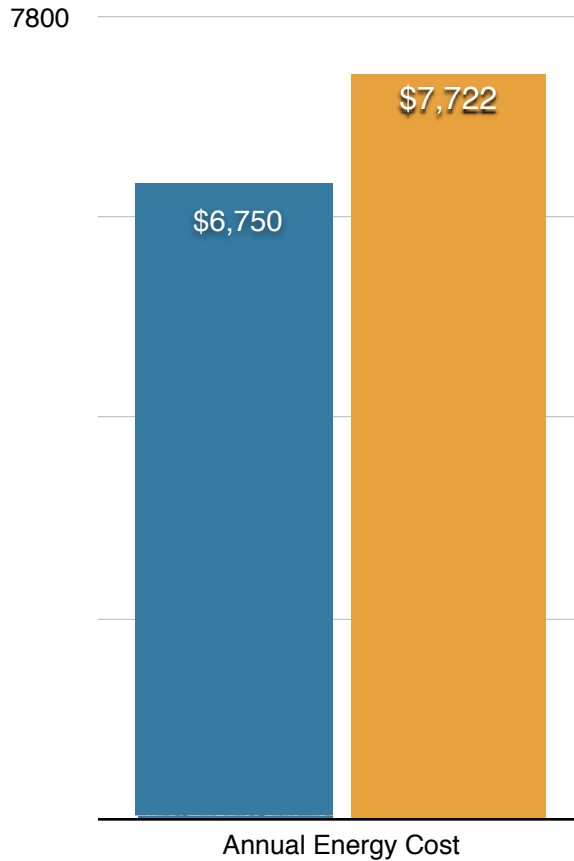
Location:	Before:	After:	Difference:
Fan Side	74	72	-2
Intake	85	82	-3

JOB REPORT

Estimated Annual Cost Savings

The estimated annual energy savings is based on fewer annual cooling hours, less energy draw while running, and extended life of equipment. Often times the savings can be greater than what is depicted below. Without extensive before and after testing, it is impossible to know exact savings due to many variables that are at play within any given facility.

■ After Cleaning ■ Before Cleaning

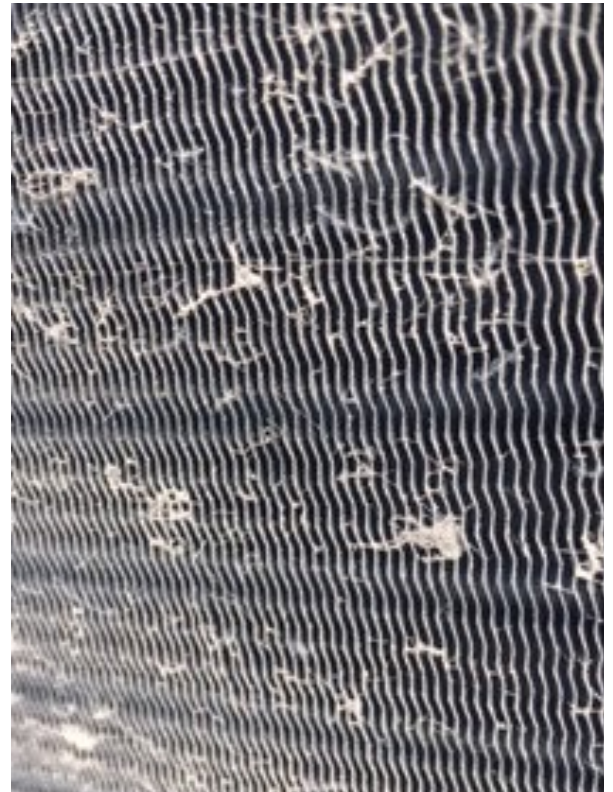


Estimated Annual Savings:

\$972

JOB REPORT

(Before)

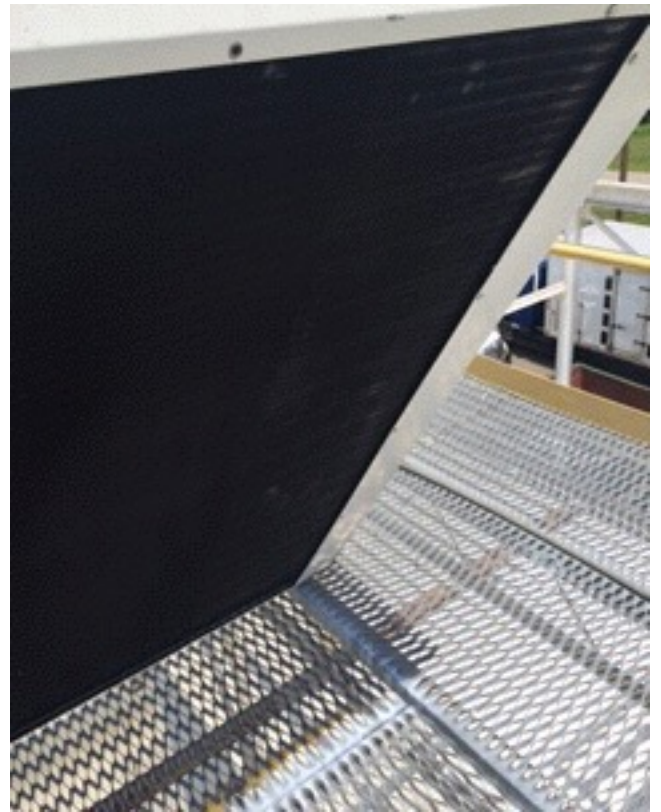
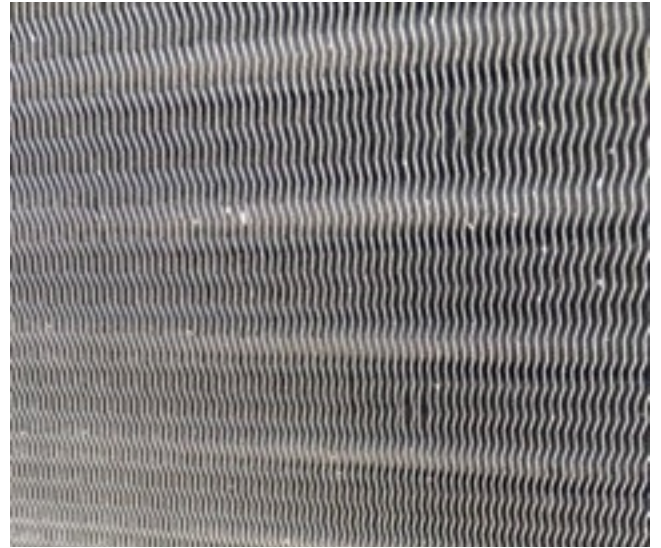
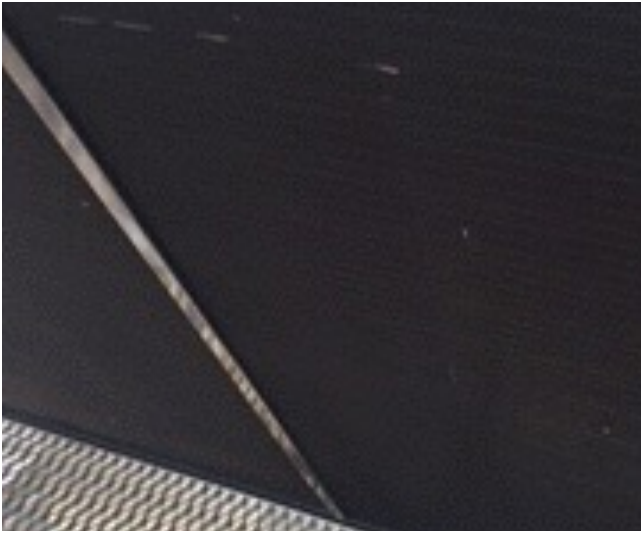


BEFORE & AFTER PICTURES

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EcoClear
YOUR COIL CLEANING EXPERTS

(After)



BEFORE & AFTER PICTURES

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