

SUMMARY OF COMPRESSOR RUN TIME

Study Made BY: Rockwell International
Written Approval By: Rockwell International Corporation
(Thousand Oaks, Ca)

KEY SAVINGS

Black is Before and Red is after Results on savings using
HumiClear Humidity Control Systems

Thursday, March 17th

Compressor running time= 821 Minutes

Thursday, March 24th

Compressor running time= 765 Minutes

Friday, March 18th

Compressor running time= 845 Minutes

Friday, March 25th

Compressor running time= 610 Minutes

Saturday, March 19th

Compressor running time= 818 Minutes

Saturday, March 26th

Compressor running time= 743 Minutes

Sunday, March 20th

Compressor running time= 830 Minutes

Sunday, March 27th

Compressor running time = 720 Minutes

Monday, 21st

Compressor running time= 921 Minutes

Monday, 28th

Compressor running time= 645 Minutes

Tuesday, March 22nd

Compressor running time= 815 Minutes

Tuesday, March 29

Compressor running time= 669 Minutes

Wednesday, March 23

Compressor running time= 835 Minutes

Wednesday, March 30

Compressor running time=720 Minutes

Total Compressor running time saved

Per Day-145 Minutes Per week-1,015 Minutes

*Cycle times reflect an accumulation of the compressor running time during one 1 hour time frame.

Calculation of energy savings

14 amps per leg x 1201680 = 5040 Total Watts

5.04 Kws. X 1.8 = 5.04 Kws.

9.072 x .08 cents = 9.072 Kw. Hrs

\$.73 cents per hour to operate

“TOTAL COSTS SAVED PER YEAR = \$642.00 (Per Cooler)”

State of Colorado Department of Health

Oshea Safety Consultants