



## RISKY'S BARBEQUE AND CATERING

Using the data logger data and the pre and post installation readings the test shows a **15.85% decrease in energy consumption by comparing the kWh / day**. The baseline shows a value of 293 KWH/Day and after treatment the value falls to 249 KWH/Day. During this period, the average temperature in the freezer fell by -2.61 degrees after the treatment. With an installed cost of on \$325.00 that makes the **SIMPLE PAYBACK** of the installation less than **3.5 months**. The installation data shows that Risky's Barbeque and Catering will realize an **ANNUAL RATE OF RETURN of 345%** on the investment of the installation of Compress Shield.

### SUMMARY

Based on the data collected and analyzed, there appears to be a significant increase in the performance by the addition of **Compress Shield™** to the Low Temperature Freezer at Risky's Central Catering Facility in Fort Worth Texas.

The following chart summarizes the performance measured during the test period:

CATEGORY	PRE INSTALLATION	POST INSTALLATION
System Operational Voltage	277	277
Power Factor	0.98	0.98
Compressor Phase One Amps	23.9	21.4
Compressor Phase Two Amps	23.6	21.3
Compressor Phase Three Amps	23.9	21.6
Compressor Operation KW	11.2241	10.0500
System Fans KW	1.1224	1.1224
Operational KWH	12.3465	11.1724
Operational Hours	23.76	22.32
Operational Percentage	99%	97%
Daily KWH	293.3519	249.3679
Annual KWH	107073.4595	91019.2903
Cost of Electricity (KWH)	\$0.070	\$0.070
Annual Operational Cost	\$7,495.14	\$6,371.35

<b>ANNUAL PORGRAM SAVINGS</b>	<b>\$ 1,123.79</b>
<b>PROGRAM COST</b>	<b>\$ 325.00</b>
<b>PROGRAM PAYBACK (MONTHS)</b>	<b>3.5</b>