



UniVest® Barrel Insulation Blankets

Return On Investment (ROI) Press Study



Pays for itself in Energy Savings

**150 Ton | 200 Ton | 400 Ton | 500 Ton
700 Ton | 1000 Ton | 1100 Ton | 2450 Ton**

Many States offer Financial Incentives for Energy Efficiency
UNIVEST® Insulation Blanket Energy Savings Qualify!

Find out if your state offers any programs: <http://www.dsireusa.org>
Database of State Incentives for Renewables & Efficiency®



629° F Before



158° F After

- Minimizes barrel heat loss
- Reduces electrical use on heater bands
- Keeps energy costs down



Call: 800.537.5375 • www.imscompany.com • sales@imscompany.com

70+ years Serving the Plastics Industry

Redefined with You in Mind



KWH Study Thermography Report

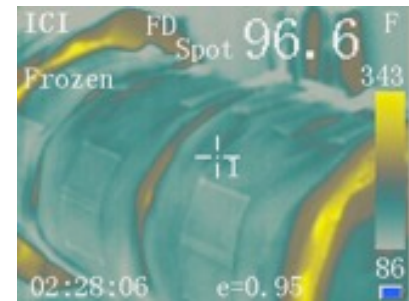
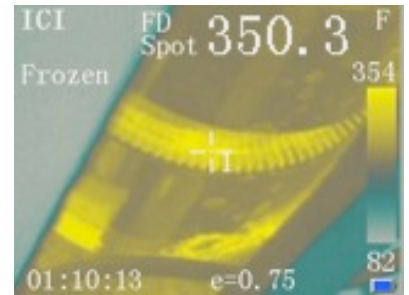
Toyo - 150 Ton

Cost to insulate: \$495.00

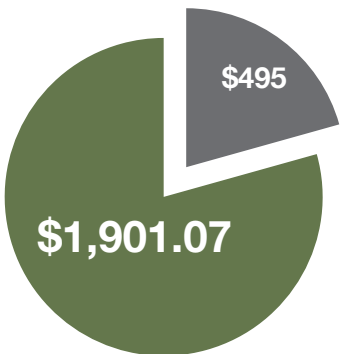
Thermography report shows 254 degree drop in surface temperature when UniTherm Insulation Systems are installed.

*Yielding a 72% (per machine) drop in radiant heat loss into climate controlled facility.

KWH Study		UnInsulated		Insulated	
Test Environment		Energy Usage		Energy Usage	
60	Minutes	7.75	KWH Uninsulated	6.89	KWH Insulated
1	Segments	7.75	KWH/Hour	6.89	KWH/Hour
24	Hr/Day	186	KWH	165.36	KWH
0.085	KWH Rate	\$15.81	Cost/Day	\$14.06	Cost/Day
7	Days/Wk	\$110.67	Cost/Week	\$98.39	Cost/Week
4.3	Weeks/Month	\$475.88	Cost/Month	\$423.07	Cost/Month
12	Months/Yr	\$5,710.57	Cost/Year	\$5,076.88	Cost/Year
Summary of Monthly Savings			Infra Red Survey		
Uninsulated	100.00%	\$475.88	Deg F		
Insulated	88.90%	\$423.07	Without Uni-Vest	350.3	
Savings/month	11.10%	\$52.81	With Uni-Vest	96.6	
Cost to Insulate		\$495.00	Percent Reduced	72.4	
Payback Period	9.37 months				

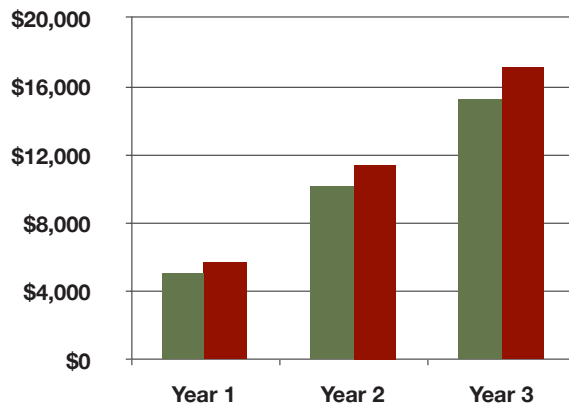


3 Year Return on Investment



● Investment ● Savings

3 Year Electricity Cost Comparison



■ Insulated ■ Uninsulated



Everything for the Plastics Processing Industry

Call: 800.537.5375 • www.imscompany.com • sales@imscompany.com



KWH Study Thermography Report

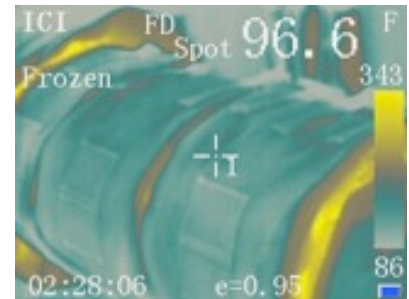
Toyo - 200 Ton

Cost to insulate: \$515.00

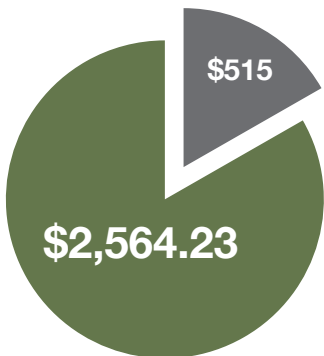
Thermography report shows 254 degree drop in surface temperature when UniTherm Insulation Systems are installed.

*Yielding a 72% (per machine) drop in radiant heat loss into climate controlled facility.

KWH Study		Uninsulated		Insulated	
Test Environment		Energy Usage		Energy Usage	
60	Minutes	9.05	KWH Uninsulated	7.89	KWH Insulated
1	Segments	9.05	KWH/Hour	7.89	KWH/Hour
24	Hr/Day	217.2	KWH	189.36	KWH
0.085	KWH Rate	\$18.46	Cost/Day	\$16.10	Cost/Day
7	Days/Wk	\$129.23	Cost/Week	\$112.67	Cost/Week
4.3	Weeks/Month	\$555.71	Cost/Month	\$484.48	Cost/Month
12	Months/Yr	\$6,668.47	Cost/Year	\$5,813.73	Cost/Year
Summary of Monthly Savings			Infra Red Survey		
Uninsulated	100.00%	\$555.71	Deg F		
Insulated	87.18%	\$484.48	Without Uni-Vest	350.3	
Savings/month	12.82%	\$71.23	With Uni-Vest	96.6	
Cost to Insulate		\$515.00	Percent Reduced	72.4	
Payback Period	7.23 months				

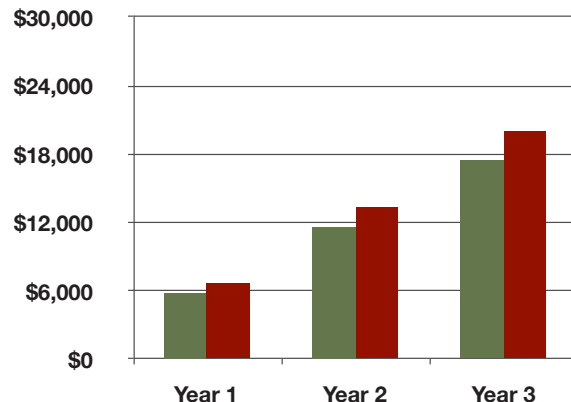


3 Year Return on Investment



● Investment ● Savings

3 Year Electricity Cost Comparison



■ Insulated ■ Uninsulated



Everything for the Plastics Processing Industry

Call: 800.537.5375 • www.imscompany.com • sales@imscompany.com



KWH Study Thermography Report

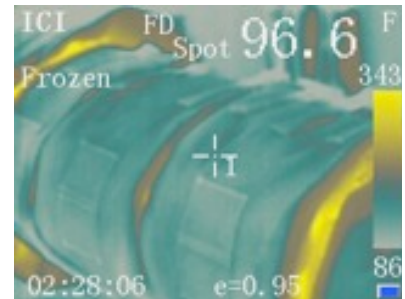
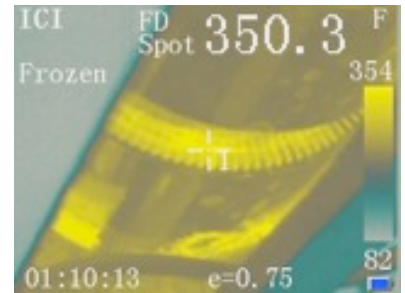
Van Dorn - 400 Ton

Cost to insulate: \$523.00

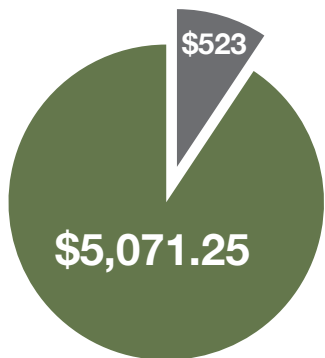
Thermography report shows 230 degree drop in surface temperature when UniTherm Insulation Systems are installed.

*Yielding a 63% (per machine) drop in radiant heat loss into climate controlled facility.

KWH Study		UnInsulated		Insulated	
Test Environment		Energy Usage		Energy Usage	
60	Minutes	5.5	KWH Uninsulated	2.25	KWH Insulated
1	Segments	5.5	KWH/Hour	2.25	KWH/Hour
24	Hr/Day	132	KWH	54	KWH
0.06	KWH Rate	\$7.92	Cost/Day	\$3.24	Cost/Day
7	Days/Wk	\$55.44	Cost/Week	\$22.68	Cost/Week
4.3	Weeks/Month	\$238.39	Cost/Month	\$97.52	Cost/Month
12	Months/Yr	\$2,860.70	Cost/Year	\$1,170.29	Cost/Year
Summary of Monthly Savings			Infra Red Survey		
Uninsulated	100.00%	\$238.39	Deg F		
Insulated	40.91%	\$97.52	Without Uni-Vest	365	
Savings/month	59.09%	\$140.87	With Uni-Vest	135	
Cost to Insulate		\$523.00	Percent Reduced	63.0	
Payback Period	3.71 months				

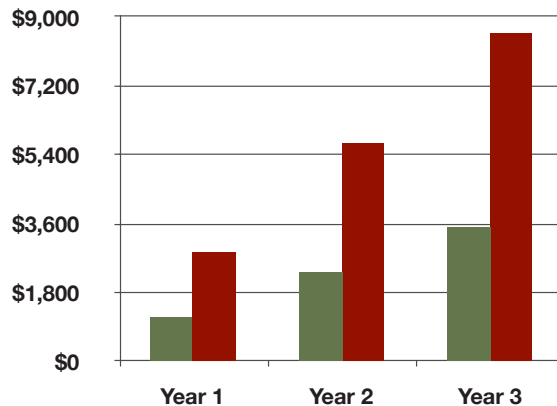


3 Year Return on Investment



● Investment ● Savings

3 Year Electricity Cost Comparison



■ Insulated ■ Uninsulated



Everything for the Plastics Processing Industry

Call: 800.537.5375 • www.imscompany.com • sales@imscompany.com



KWH Study Thermography Report

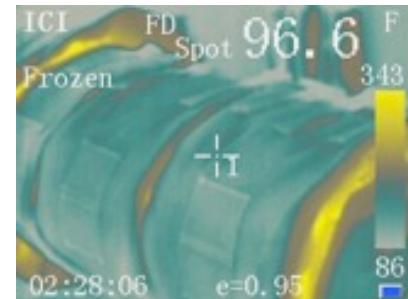
Van Dorn - 500 Ton

Cost to insulate: \$622.00

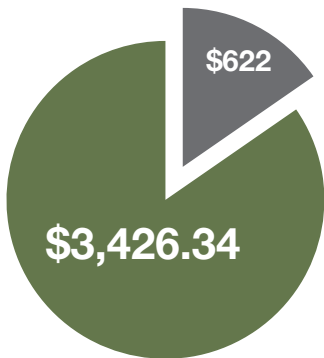
Thermography report shows 315 degree drop in surface temperature when UniTherm Insulation Systems are installed.

*Yielding a 70% (per machine) drop in radiant heat loss into climate controlled facility.

KWH Study		UnInsulated		Insulated	
Test Environment		Energy Usage		Energy Usage	
60	Minutes	8.69	KWH Uninsulated	6.52	KWH Insulated
1	Segments	8.69	KWH/Hour	6.52	KWH/Hour
24	Hr/Day	208.56	KWH	156.48	KWH
0.085	KWH Rate	\$17.73	Cost/Day	\$13.30	Cost/Day
5	Days/Wk	\$88.64	Cost/Week	\$66.50	Cost/Week
4.3	Weeks/Month	\$381.14	Cost/Month	\$285.97	Cost/Month
12	Months/Yr	\$4,573.72	Cost/Year	\$3,431.61	Cost/Year
Summary of Monthly Savings			Infra Red Survey		
Uninsulated	100.00%	\$381.14	Deg F		
Insulated	75.03%	\$285.97	Without Uni-Vest	450	
Savings/month	24.97%	\$95.18	With Uni-Vest	135	
Cost to Insulate		\$622.00	Percent Reduced	70.0	
Payback Period	6.54 months				

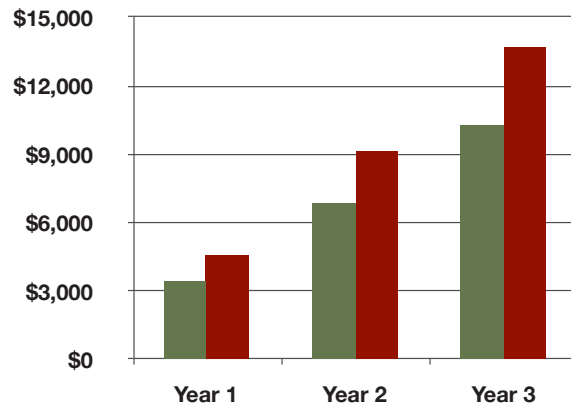


3 Year Return on Investment



● Investment ● Savings

3 Year Electricity Cost Comparison



■ Insulated ■ Uninsulated



Everything for the Plastics Processing Industry

Call: 800.537.5375 • www.imscompany.com • sales@imscompany.com



KWH Study Thermography Report

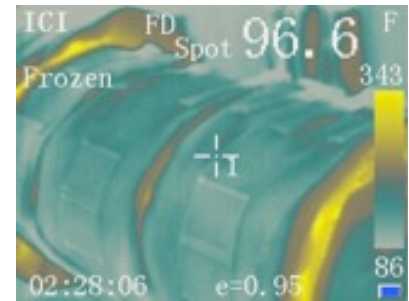
Van Dorn - 700 Ton

Cost to insulate: \$1,009.00

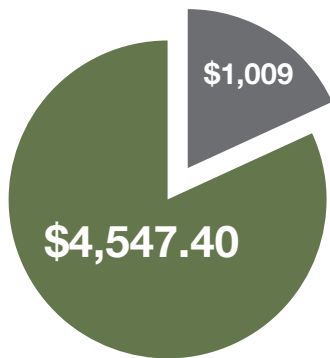
Thermography report shows 315 degree drop in surface temperature when UniTherm Insulation Systems are installed.

*Yielding a 70% (per machine) drop in radiant heat loss into climate controlled facility.

KWH Study		UnInsulated		Insulated	
Test Environment		Energy Usage		Energy Usage	
60	Minutes	11.33	KWH Uninsulated	8.45	KWH Insulated
1	Segments	11.33	KWH/Hour	8.45	KWH/Hour
24	Hr/Day	271.92	KWH	202.8	KWH
0.085	KWH Rate	\$23.11	Cost/Day	\$17.24	Cost/Day
5	Days/Wk	\$115.57	Cost/Week	\$86.19	Cost/Week
4.3	Weeks/Month	\$496.93	Cost/Month	\$370.62	Cost/Month
12	Months/Yr	\$5,963.21	Cost/Year	\$4,447.40	Cost/Year
Summary of Monthly Savings			Infra Red Survey		
Uninsulated	100.00%	\$496.93	Deg F		
Insulated	74.58%	\$370.62	Without Uni-Vest	450	
Savings/month	25.42%	\$126.32	With Uni-Vest	135	
Cost to Insulate		\$1,009.00	Percent Reduced	70.0	
Payback Period	7.99 months				

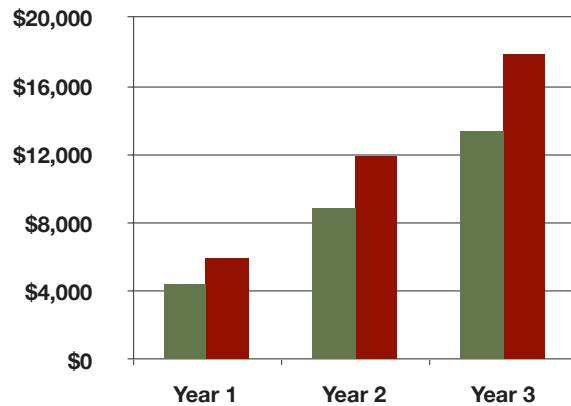


3 Year Return on Investment



● Investment ● Savings

3 Year Electricity Cost Comparison



■ Insulated ■ Uninsulated



Everything for the Plastics Processing Industry

Call: 800.537.5375 • www.imscompany.com • sales@imscompany.com



KWH Study Thermography Report

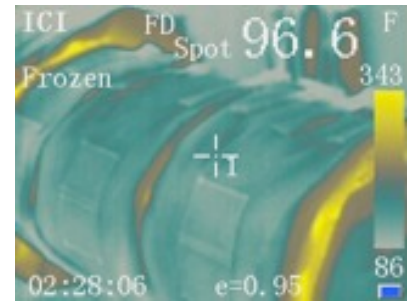
Van Dorn - 1000 Ton

Cost to insulate: \$1,337.00

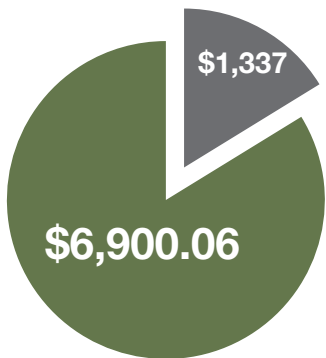
Thermography report shows 315 degree drop in surface temperature when UniTherm Insulation Systems are installed.

*Yielding a 70% (per machine) drop in radiant heat loss into climate controlled facility.

KWH Study		UnInsulated		Insulated	
Test Environment		Energy Usage		Energy Usage	
60	Minutes	14.6	KWH Uninsulated	10.23	KWH Insulated
1	Segments	14.6	KWH/Hour	10.23	KWH/Hour
24	Hr/Day	350.4	KWH	245.52	KWH
0.085	KWH Rate	\$29.78	Cost/Day	\$20.87	Cost/Day
5	Days/Wk	\$148.92	Cost/Week	\$104.35	Cost/Week
4.3	Weeks/Month	\$640.36	Cost/Month	\$448.69	Cost/Month
12	Months/Yr	\$7,684.27	Cost/Year	\$5,384.25	Cost/Year
Summary of Monthly Savings			Infra Red Survey		
Uninsulated	100.00%	\$640.36	Deg F		
Insulated	70.07%	\$448.69	Without Uni-Vest	450	
Savings/month	29.93%	\$191.67	With Uni-Vest	135	
Cost to Insulate		\$1,337.00	Percent Reduced	70.0	
Payback Period	6.98 months				

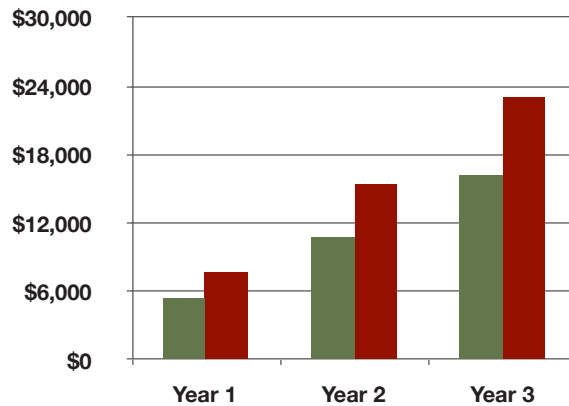


3 Year Return on Investment



● Investment ● Savings

3 Year Electricity Cost Comparison



■ Insulated ■ Uninsulated



Everything for the Plastics Processing Industry

Call: 800.537.5375 • www.imscompany.com • sales@imscompany.com



KWH Study Thermography Report

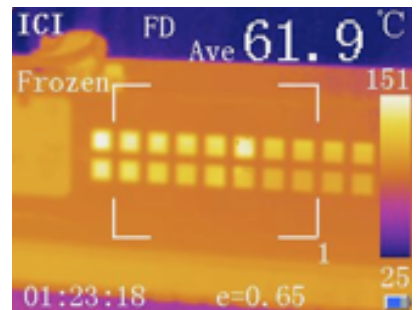
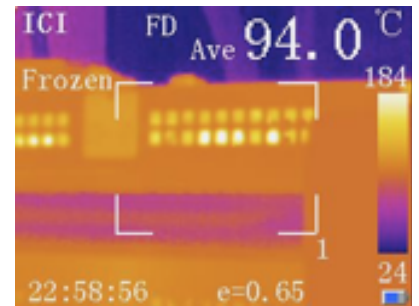
Van Dorn - 1100 Ton

Cost to insulate: \$1,400.00

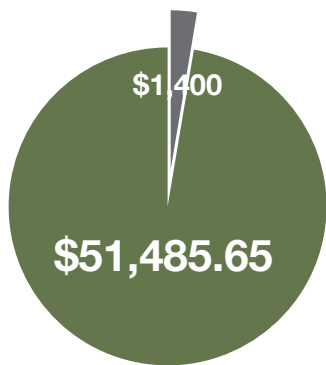
Thermography report shows 32.1 degree drop in surface temperature when UniTherm Insulation Systems are installed.

*Yielding a 34% (per machine) drop in radiant heat loss into climate controlled facility.

KWH Study		Uninsulated		Insulated	
Test Environment		Energy Usage		Energy Usage	
60	Minutes	52.87	KWH Uninsulated	30.873	KWH Insulated
1	Segments	52.87	KWH/Hour	30.873	KWH/Hour
24	Hr/Day	1268.88	KWH	740.952	KWH
0.09	KWH Rate	\$114.20	Cost/Day	\$66.69	Cost/Day
7	Days/Wk	\$799.39	Cost/Week	\$466.80	Cost/Week
4.3	Weeks/Month	\$3,437.40	Cost/Month	\$2,007.24	Cost/Month
12	Months/Yr	\$41,248.75	Cost/Year	\$24,086.87	Cost/Year
Summary of Monthly Savings		BTU Survey		Infra Red Survey	
Uninsulated	100.00%	\$3,437.40	BTU Loss	Deg F	
Insulated	58.39%	\$2,007.24	Uninsulated	157.680	Without Uni-Vest
Savings/month	41.61%	\$1,430.16	Insulated	17.7390	With Uni-Vest
Cost to Insulate		\$1,400.00	BTU Reduction	88.75%	Percent Reduced
Payback Period		0.98 months			70.0

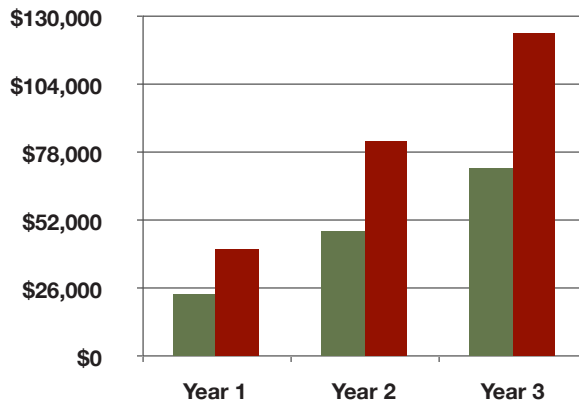


3 Year Return on Investment



● Investment ● Savings

3 Year Electricity Cost Comparison



■ Insulated ■ Uninsulated



Everything for the Plastics Processing Industry

Call: 800.537.5375 • www.imscompany.com • sales@imscompany.com



KWH Study Thermography Report

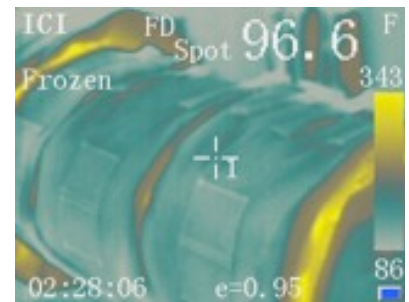
Van Dorn - 2450 Ton

Cost to insulate: \$1,638.00

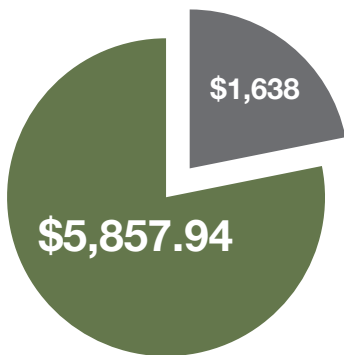
Thermography report shows 315 degree drop in surface temperature when UniTherm Insulation Systems are installed.

*Yielding a 70% (per machine) drop in radiant heat loss into climate controlled facility.

KWH Study		Uninsulated		Insulated	
Test Environment		Energy Usage		Energy Usage	
60	Minutes	13.24	KWH Uninsulated	9.53	KWH Insulated
1	Segments	13.24	KWH/Hour	9.53	KWH/Hour
24	Hr/Day	317.76	KWH	228.72	KWH
0.085	KWH Rate	\$27.01	Cost/Day	\$19.44	Cost/Day
5	Days/Wk	\$135.05	Cost/Week	\$97.21	Cost/Week
4.3	Weeks/Month	\$580.71	Cost/Month	\$417.99	Cost/Month
12	Months/Yr	\$6,968.48	Cost/Year	\$5,015.83	Cost/Year
Summary of Monthly Savings			Infra Red Survey		
Uninsulated	100.00%	\$580.71	Deg F		
Insulated	71.98%	\$417.99	Without Uni-Vest	450	
Savings/month	28.02%	\$162.72	With Uni-Vest	135	
Cost to Insulate		\$1,638.00	Percent Reduced	70.0	
Payback Period	10.07 months				

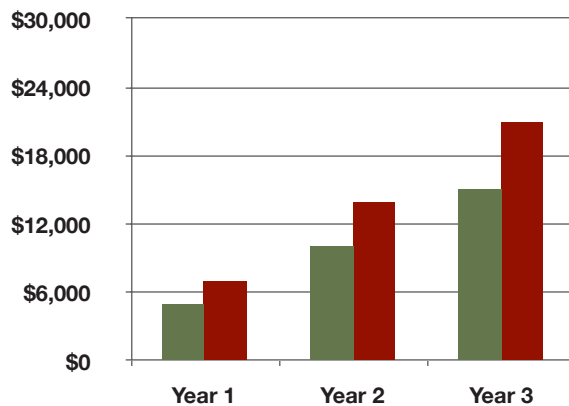


3 Year Return on Investment



● Investment ● Savings

3 Year Electricity Cost Comparison



■ Insulated ■ Uninsulated



Everything for the Plastics Processing Industry

Call: 800.537.5375 • www.imscompany.com • sales@imscompany.com