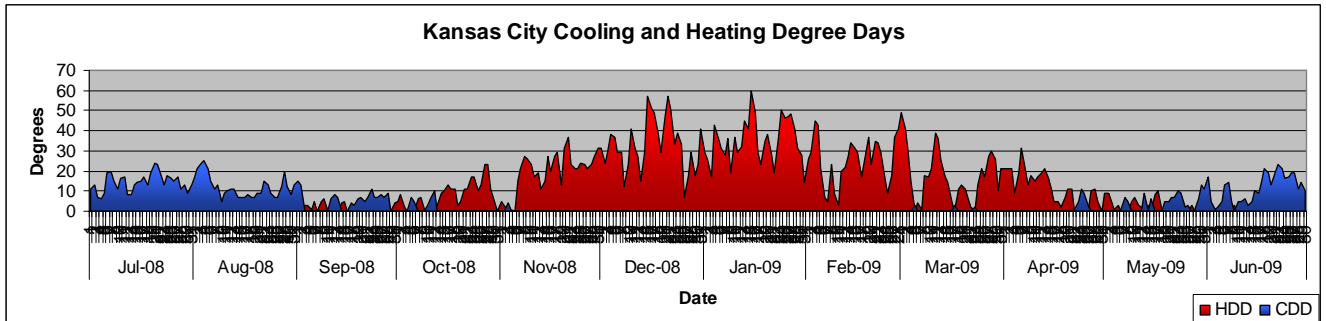
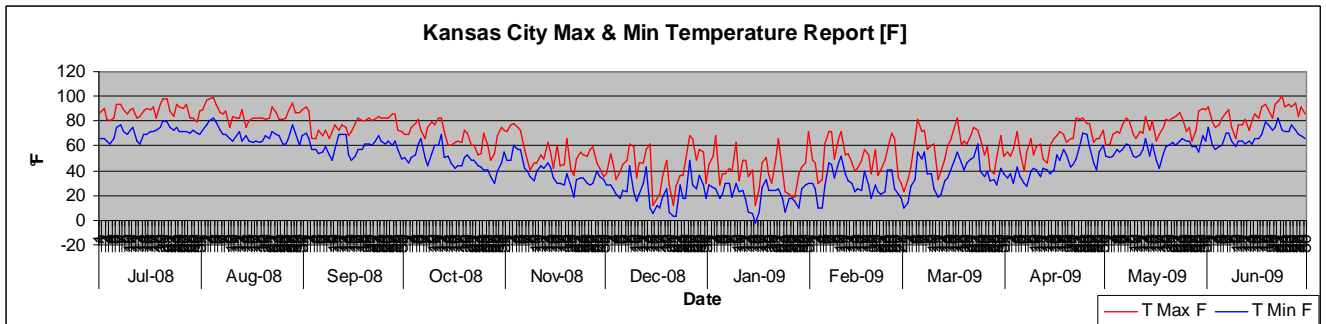


Kansas City

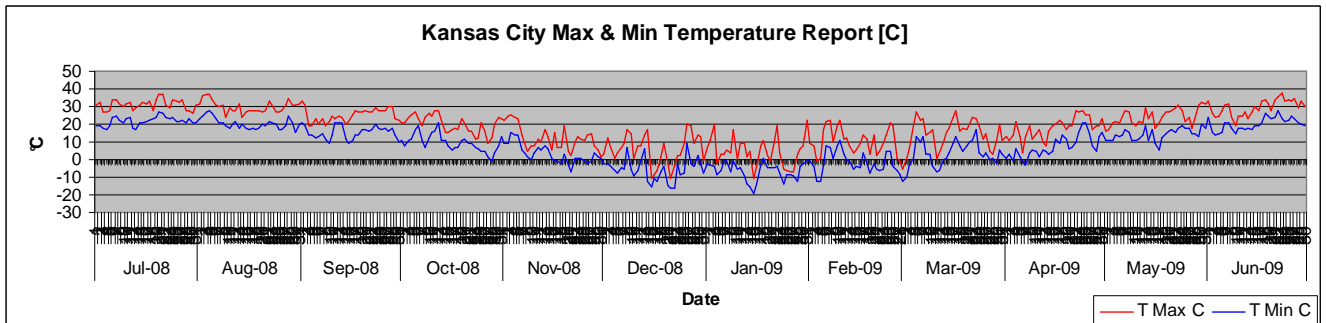
Weather Charts



Avg. T°[F] per month



Avg. T°[C] per month



Weather Breakdown

Month/Yr	hrs/yr <46[F]	Avg[F] <46[F]	hrs/yr <60[F]	Avg[F] <60[F]	HDD/yr	CDD/yr	hrs/yr >65[F]	Avg[F] >65[F]	hrs/yr >75[F]	Avg[F] >75[F]
	2,688	33	4,656	42	4,588	1,465	3,456	75	1,512	81
Month	hrs <46 [F]	Avg[F] <46	hrs <60 [F]	Avg[F] <60	HDD	CDD	hrs >65 [F]	Avg[F] >65	hrs >75 [F]	Avg[F] >75
Jul-2008	0		0		0	440	744	79	600	81
Aug-2008	0		0		0	369	744	77	384	81
Sep-2008	0		96	60	36	132	456	72	72	78
Oct-2008	48	42	480	54	234	32	144	70	0	
Nov-2008	456	40	624	43	580	5	48	68	0	
Dec-2008	624	29	744	32	1,016	0	0		0	
Jan-2009	648	28	744	30	1,071	0	0		0	
Feb-2009	480	34	648	39	695	0	0		0	
Mar-2009	288	35	600	44	541	8	72	68	0	
Apr-2009	144	42	552	50	343	30	144	70	24	76
May-2009	0		168	57	69	107	408	71	48	77
Jun-2009	0		0		3	342	696	77	384	82

The City Heating Season chart depicts the normal months of the year when your sites heating system is in operation. It is not unusual in many areas of the country that your normal site heating system may operate prior to October or after May. When the AMS Waste Heat Recovery Unit is in operation will be up to the individual site regulated by temperature setting.

City Heating Season		
Heating Mo's	Hr's $\leq 60F^{\circ}$	Avg $F^{\circ} \leq 60$
Oct-2008	480	54
Nov-2008	624	43
Dec-2008	744	32
Jan-2009	744	30
Feb-2009	648	39
Mar-2009	600	44
Apr-2009	552	50
May-2009	168	57
Total	4,560	44

Cost Savings

These are examples only. There are many variables that affect the actual outcomes. These would include GPM, temperature of incoming liquid and make-up, fan cfm, size restrictions, current cost of current heating fuel and type of plant heat used. Each AMS Waste Heat Recovery Package Unit is tailor designed to your specific site and needs so that we get the most MMBTU's from your waste heat, heat that is currently going out the stack. Many times, depending upon a sites waste heat availability, multiple units can be deployed multiplying the savings.

Fuel cost/unit	\$7.5000
Fuel BTU/unit	1000000
Efficiency rating of heater	65.00%
Total effective cost of heat in MMBTU**	\$11.54

Example 1:

MMBTU/hr	0.430
hrs ambient temp < 60 deg F/yr	4560
Cost of heat/MMBTU**	\$11.54
Total savings/yr	\$22,624.62

Example 2:

MMBTU/hr	0.713
hrs ambient temp < 60 deg F/yr	4560
Cost of heat/MMBTU**	\$11.54
Total savings/yr	\$37,514.77

**Cost of heat in MMBTU: Assumption: Gas Fuel Steam Heat at \$7.50/unit