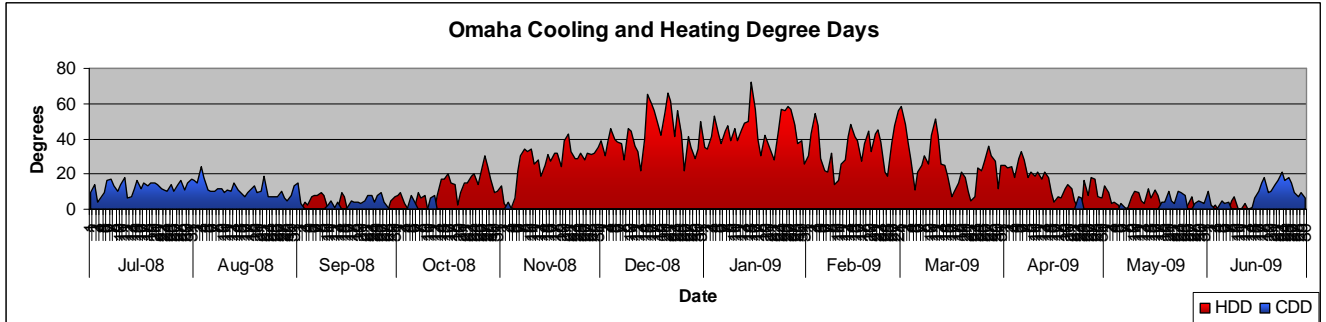
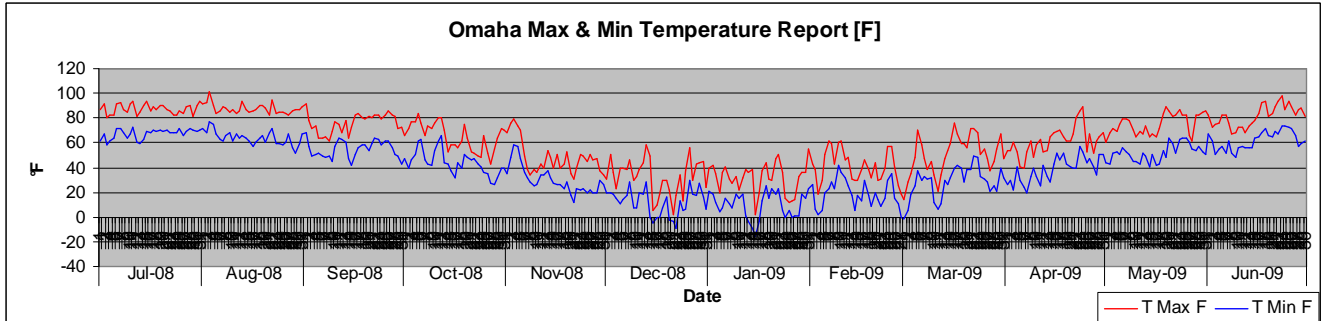


Omaha, NB

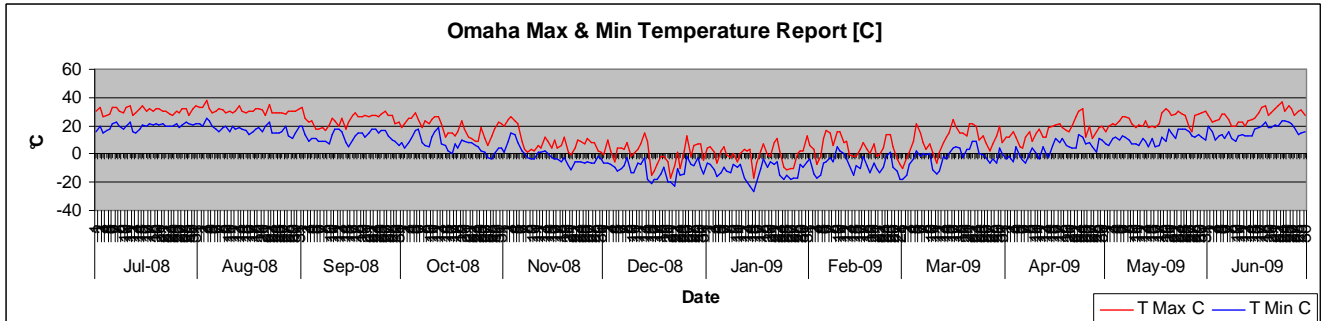
Weather Charts



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]
	3,504	28	5,280	37	6,227	1,164	3,024	74	1,080	80
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	386	744	77	528	79
Aug-2008	0		0		0	342	744	76	336	79
Sep-2008	0		216	57	74	94	456	70	24	80
Oct-2008	120	42	552	50	340	27	96	72	0	
Nov-2008	576	34	648	36	782	5	48	68	0	
Dec-2008	744	22	744	22	1,320	0	0		0	
Jan-2009	744	21	744	21	1,363	0	0		0	
Feb-2009	600	28	672	30	978	0	0		0	
Mar-2009	504	33	744	40	785	0	0		0	
Apr-2009	216	40	648	48	456	13	48	72	0	
May-2009	0		264	56	112	72	336	70	0	
Jun-2009	0		48	59	17	225	552	75	192	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 ≤60F ^o	Avg F ^o ≤60
Oct-2008	552	50
Nov-2008	648	36
Dec-2008	744	22
Jan-2009	744	21
Feb-2009	672	30
Mar-2009	744	40
Apr-2009	648	48
May-2009	264	56
Total	5,016	38

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	5016
Cost of heat/MMBTU**	\$11.54
Total savings/yr	\$24,887.08

Example 2:

MMBTU/hr	0.713
hrs ambient temp <60 deg F/yr	5016
Cost of heat/MMBTU**	\$11.54
Total savings/yr	\$41,266.25

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