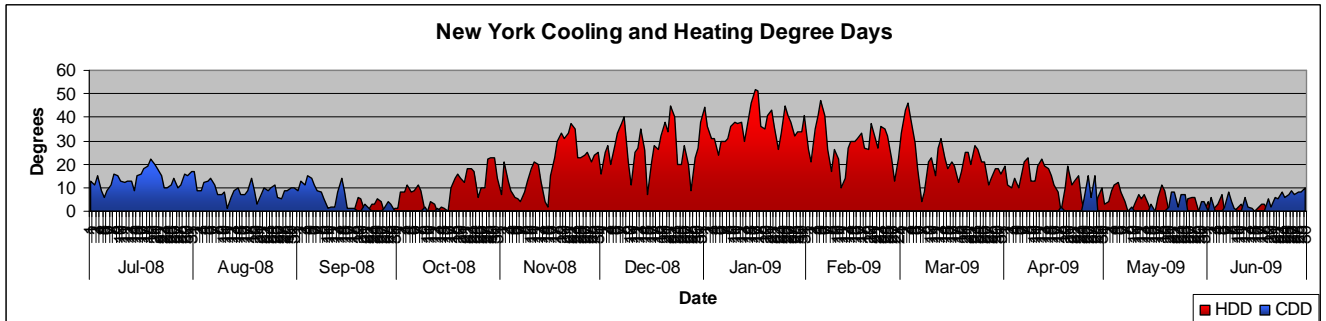
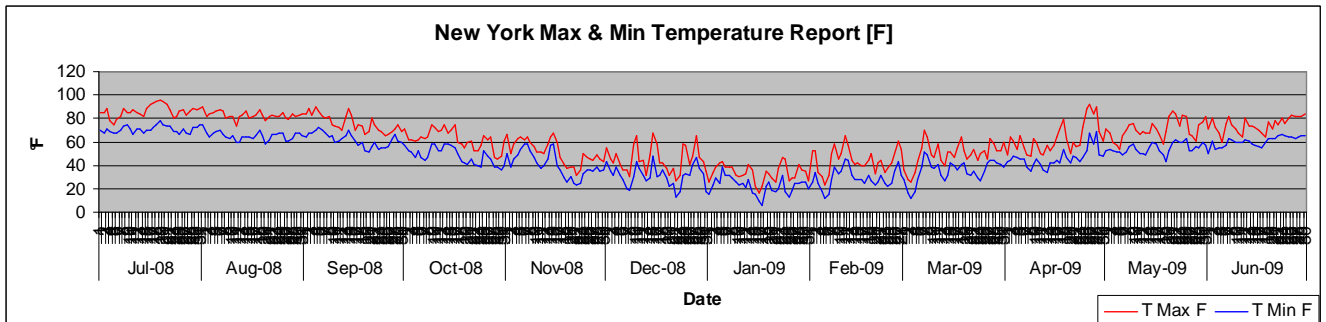


New York, NY

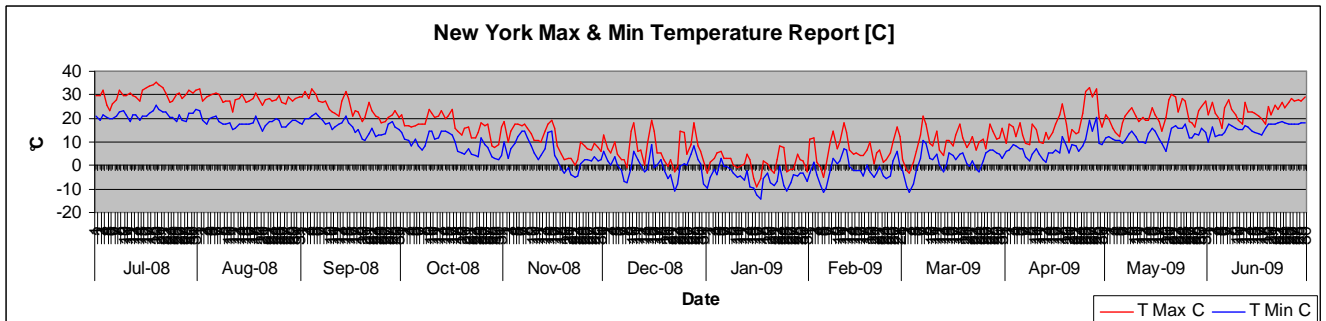
Weather Charts



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]
	2,952	35	5,064	42	4,835	1,051	2,928	74	936	79
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	422	744	79	576	80
Aug-2008	0		0		0	278	744	74	168	78
Sep-2008	0		72	60	27	147	552	71	144	78
Oct-2008	72	42	528	52	302	3	48	67	0	
Nov-2008	408	39	648	44	566	0	0		0	
Dec-2008	648	36	744	38	828	0	0		0	
Jan-2009	744	28	744	28	1,139	0	0		0	
Feb-2009	576	35	672	37	785	0	0		0	
Mar-2009	432	37	720	42	690	0	0		0	
Apr-2009	72	43	600	51	350	43	120	74	48	80
May-2009	0		312	57	119	47	240	70	0	
Jun-2009	0		24	58	29	111	480	71	0	

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	528	52
Nov-2008	648	44
Dec-2008	744	38
Jan-2009	744	28
Feb-2009	672	37
Mar-2009	720	42
Apr-2009	600	51
May-2009	312	57
Total	4,968	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	4968
Cost of heat/MMBTU**	\$11.54
Total savings/yr	\$24,648.92

Example 2:

MMBTU/hr	0.713
hrs ambient temp < 60 deg F/yr	4968
Cost of heat/MMBTU**	\$11.54
Total savings/yr	\$40,871.35

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