

1) Barometric Pressure	=	28.650	"Hg
2) Pressure drop Through Coil	=	.031529	"H2O
3) Static Pressure at coil inlet	=	.14087	"H2O
4) Average absolute static pressure	=	28.659	"Hg
5) Dry Bulb Temp. at Inlet of Coil	=	94.579	Deg. F
6) Wet Bulb Temp. at Inlet of Coil	=	71.386	Deg. F
7) Saturated vapor pressure at Inlet of Coil	=	.77534	"Hg
8) Specific humidity at Inlet of Coil	=	.011893	lb/lb
9) Enthalpy at Inlet of Coil	=	35.817	Btu/lb
10) Dry Bulb Temp. at Outlet of Coil	=	125.03	Deg. F
11) Wet Bulb Temp. at Outlet of Coil	=	79.942	Deg. F
12) Saturated vapor pressure at Outlet of Coil	=	1.0310	"Hg
13) Specific humidity at Outlet of Coil	=	.012647	lb/lb
14) Enthalpy at Outlet of Coil	=	44.130	BTU/lb
15) Average Humidity Ratio	=	.012270	lb/lb
16) Average Specific gravity	=	.99268	
17) Difference in humidity ratio	=	-.000754	lb/lb
18) Average absolute temperature	=	569.80	Deg. F
19) Average Density	=	.066271	lb/cu.ft
20) Air Pressure drop Corrected	=	.027859	"H2O
21) Dry Bulb Temp at Nozzle	=	125.03	Deg. F
22) Specific Humidity at Nozzle	=	.012115	lb/lb
23) Specific Volume at Nozzle	=	15.033	cu.fy/lb
24) Static Pressure at Nozzle	=	-.86563	"H2O
25) Pressure drop across nozzle	=	.95087	"H2O
26) Total area of nozzles	=	.19589	sq.ft
27) Face area of test coil	=	4.0000	sq.ft
28) Dry Air Flow	=	51.947	lb/min
29) Standard Air Flow	=	173.15	ft/min
30) Ambient air temp	=	74.961	Deg. F
31) Outlet duct heat leakage constant	=	7.1186	Btu/hr-F
32) Inlet duct heat leakage constant	=	3.0651	Btu/hr-F
33) Enthalpy entering test coil Corrected	=	35.798	Btu/lb
34) Air Temp entering test coil Corrected	=	94.499	Deg. F
35) Enthalpy leaving test coil Corrected	=	44.245	Btu/lb
36) Air Temp leaving test coil Corrected	=	125.51	Deg. F
37) Sensible Air-Side Capacity	=	23295.	Btu/hr
39) Water Enter Coil Temp	=	135.61	Deg. F
40) Water Leaving Coil Temp	=	119.26	Deg. F
41) Actual Water flow rate	=	2.9896	GPM
42) Water flow rate	=	1472.6	lb/hr
43) Total Water-Side Capacity	=	24081.	Btu/hr
44) Average Total Capacity	=	23688.	Btu/hr
45) Average Sensible Capacity	=	23688.	Btu/hr
46) Heat Balance	=	-3.3189	%
47) Average water temp	=	127.43	Deg. F
48) Temp Correction Factor	=	.81411	
49) Water pressure drop	=	35.943	"Hg
50) Water pressure drop Uncorrected	=	40.720	'H2O
51) Water Pressure drop Corrected	=	50.017	'H2O
52) Rated Air Pressure Drop	=	.0	"H2O
53) % of Rated Air Pressure Drop	=	Inf.	%
54) Rated Capacity	=	.0	Btu/hr
55) % of Rated Capacity	=	Inf.	%
56) Rated Water Pressure Drop	=	.0	'H2O
57) % of Rated Water Pressure Drop	=	Inf.	%
58) Airflow	=	692.63	SCFM
52) Airflow	=	806.70	ACFM

Harold O'Connor 800
6/4/08

Intertek Testing Services, Coil Test Facility
Test: 8K Water Heating Sensible Coils

Project # 3151799/002
Test of

=CONDENSING UNIT=
Manufacturer: HERMANT KALE
Model: B103490 SN:

=EVAPORATOR UNIT=
Manufacturer:
Model: SN:

Started: 6/4/2008 8:50 PM
By: H OCONNOR

95DB
800ACFM
135EWT
3GPM

Test Data for the past 30 minutes:

Barometer	:	28.645 min	28.656 max	28.650 avg	inHg
8K Supply DB	:	94.323 min	94.757 max	94.583 avg	degF
8K Supply WB	:	71.349 min	71.413 max	71.386 avg	degF
8K Discharge DB:		124.91 min	125.36 max	125.03 avg	degF
8K Discharge WB:		79.902 min	80.063 max	79.941 avg	degF
8K Liquid IN	:	135.43 min	135.95 max	135.61 avg	degF
8K Suction OUT	:	119.11 min	119.47 max	119.26 avg	degF
Ambiant Air Tem:		74.188 min	75.822 max	74.951 avg	degF
8K UUT Delta Pr:		.030287 min	.032667 max	.031528 avg	"H2O
8K Static Pres :		.12562 min	.15113 max	.14094 avg	"H2O
8K Static Pres@:		-.88853 min	-.84712 max	-.86573 avg	"H2O
8K Pres Drop Ac:		.92681 min	.96626 max	.95103 avg	"H2O
8K Water Delta :		.025393 min	.028760 max	.027198 avg	"Hg

Last 7 samples taken every 5 minutes:

Barometer	:	28.652	28.650	28.650	28.647	28.649	28.654	28.652
8K Supply DB	:	94.323	94.391	94.512	94.621	94.685	94.746	94.735
8K Supply WB	:	71.365	71.349	71.381	71.404	71.392	71.399	71.365
8K Discharge DB:		125.36	125.09	124.92	124.95	124.99	125.05	125.06
8K Discharge WB:		80.063	79.970	79.927	79.927	79.916	79.923	79.902
8K Liquid IN	:	135.95	135.59	135.43	135.54	135.64	135.68	135.74
8K Suction OUT	:	119.47	119.24	119.13	119.21	119.27	119.33	119.33
Ambiant Air Tem:		75.772	75.266	75.495	74.964	74.491	74.291	74.421
8K UUT Delta Pr:		.030688	.031506	.031391	.031089	.031907	.031693	.031506
8K Static Pres :		.13936	.15063	.1331	.13922	.13597	.14768	.14858
8K Static Pres@:		-.86048	-.86807	-.86048	-.86636	-.87444	-.85705	-.86868
8K Pres Drop Ac:		.93996	.96277	.93805	.94870	.95935	.95870	.95810
8K Tot H2O Flow:		2290.0	2304.9	2319.9	2334.8	2349.7	2364.7	2379.6
8K Water Delta :		.028058	.027006	.028339	.028760	.027427	.027708	.026726

David O'Connor 800

6/4/08

Intertek Testing Services, Coil Test Facility
Test: 8K Water Heating Sensible Coils

Project # 3151799/002
Test of

=CONDENSING UNIT=
Manufacturer: HERMANT KALE
Model: B103490 SN:

=EVAPORATOR UNIT=
Manufacturer:
Model: SN:

Started: 6/4/2008 2:18 PM
By: D.SEAMANS

95DB
1200ACFM
135EWT
3GPM

Test Data for the past 30 minutes:

Barometer	:	28.643 min	28.655 max	28.648 avg	inHg
8K Supply DB	:	94.171 min	95.294 max	94.827 avg	degF
8K Supply WB	:	71.388 min	71.802 max	71.610 avg	degF
8K Discharge DB:		118.64 min	119.65 max	119.18 avg	degF
8K Discharge WB:		78.441 min	78.770 max	78.608 avg	degF
8K Liquid IN	:	134.13 min	135.03 max	134.59 avg	degF
8K Suction OUT	:	114.11 min	115.16 max	114.68 avg	degF
Ambiant Air Tem:		76.865 min	78.168 max	77.463 avg	degF
8K UUT Delta Pr:		.057394 min	.061179 max	.059269 avg	"H2O
8K Static Pres :		.11712 min	.12442 max	.12097 avg	"H2O
8K Static Pres@:		-.74569 min	-.72535 max	-.73634 avg	"H2O
8K Pres Drop Ac:		.74106 min	.77078 max	.75864 avg	"H2O
8K Water Delta :		.023780 min	.027006 max	.025694 avg	"Hg

Last 7 samples taken every 5 minutes:

Barometer	:	28.645	28.645	28.649	28.645	28.648	28.655	28.652
8K Supply DB	:	94.171	94.453	94.673	94.880	95.001	95.196	95.283
8K Supply WB	:	71.388	71.474	71.544	71.619	71.673	71.748	71.793
8K Discharge DB:		118.64	118.84	118.97	119.18	119.35	119.57	119.64
8K Discharge WB:		78.441	78.507	78.555	78.598	78.652	78.738	78.770
8K Liquid IN	:	134.13	134.25	134.35	134.57	134.80	135.00	135.01
8K Suction OUT	:	114.11	114.34	114.49	114.69	114.84	115.07	115.12
Ambiant Air Tem:		77.560	77.628	77.385	77.230	77.635	77.855	77.747
8K UUT Delta Pr:		.058769	.059846	.058968	.059427	.057994	.059517	.058983
8K Static Pres :		.12109	.12156	.12305	.12127	.11929	.11845	.11922
8K Static Pres@:		-.73809	-.73295	-.73576	-.73821	-.73001	-.73993	-.73062
8K Pres Drop Ac:		.75730	.76204	.75921	.76079	.74981	.76138	.75171
8K Tot H2O Flow:		2009.2	2024.1	2039.0	2053.9	2068.8	2083.7	2098.6
8K Water Delta :		.025393	.025673	.026445	.026094	.025673	.025393	.026024

David O'Connell 1200
6/4/08

1) Barometric Pressure	=	28.648	"Hg
2) Pressure drop Through Coil	=	.059266	"H2O
3) Static Pressure at coil inlet	=	.12099	"H2O
4) Average absolute static pressure	=	28.654	"Hg
5) Dry Bulb Temp. at Inlet of Coil	=	94.818	Deg. F
6) Wet Bulb Temp. at Inlet of Coil	=	71.606	Deg. F
7) Saturated vapor pressure at Inlet of Coil	=	.78117	"Hg
8) Specific humidity at Inlet of Coil	=	.012024	lb/lb
9) Enthalpy at Inlet of Coil	=	36.020	Btu/lb
10) Dry Bulb Temp. at Outlet of Coil	=	119.17	Deg. F
11) Wet Bulb Temp. at Outlet of Coil	=	78.605	Deg. F
12) Saturated vapor pressure at Outlet of Coil	=	.98679	"Hg
13) Specific humidity at Outlet of Coil	=	.012686	lb/lb
14) Enthalpy at Outlet of Coil	=	42.733	BTU/lb
15) Average Humidity Ratio	=	.012355	lb/lb
16) Average Specific gravity	=	.99263	
17) Difference in humidity ratio	=	-.000662	lb/lb
18) Average absolute temperature	=	566.99	Deg. F
19) Average Density	=	.066585	lb/cu.ft
20) Air Pressure drop Corrected	=	.052617	"H2O
21) Dry Bulb Temp at Nozzle	=	119.17	Deg. F
22) Specific Humidity at Nozzle	=	.012150	lb/lb
23) Specific Volume at Nozzle	=	14.883	cu.fy/lb
24) Static Pressure at Nozzle	=	-.73639	"H2O
25) Pressure drop across nozzle	=	.75872	"H2O
26) Total area of nozzles	=	.33179	sq.ft
27) Face area of test coil	=	4.0000	sq.ft
28) Dry Air Flow	=	78.996	lb/min
29) Standard Air Flow	=	263.32	ft/min
30) Ambient air temp	=	77.461	Deg. F
31) Outlet duct heat leakage constant	=	7.1186	Btu/hr-F
32) Inlet duct heat leakage constant	=	3.0651	Btu/hr-F
33) Enthalpy entering test coil Corrected	=	36.009	Btu/lb
34) Air Temp entering test coil Corrected	=	94.771	Deg. F
35) Enthalpy leaving test coil Corrected	=	42.795	Btu/lb
36) Air Temp leaving test coil Corrected	=	119.43	Deg. F
37) Sensible Air-Side Capacity	=	28170.	Btu/hr
39) Water Enter Coil Temp	=	134.58	Deg. F
40) Water Leaving Coil Temp	=	114.67	Deg. F
41) Actual Water flow rate	=	2.9803	GPM
42) Water flow rate	=	1468.5	lb/hr
43) Total Water-Side Capacity	=	29230.	Btu/hr
44) Average Total Capacity	=	28700.	Btu/hr
45) Average Sensible Capacity	=	28700.	Btu/hr
46) Heat Balance	=	-3.6923	%
47) Average water temp	=	124.63	Deg. F
48) Temp Correction Factor	=	.81975	
49) Water pressure drop	=	35.967	"Hg
50) Water pressure drop Uncorrected	=	40.748	"H2O
51) Water Pressure drop Corrected	=	49.707	"H2O
52) Rated Air Pressure Drop	=	.0	"H2O
53) % of Rated Air Pressure Drop	=	Inf.	%
54) Rated Capacity	=	.0	Btu/hr
55) % of Rated Capacity	=	Inf.	%
56) Rated Water Pressure Drop	=	.0	"H2O
57) % of Rated Water Pressure Drop	=	Inf.	%
58) Airflow	=	1053.2	SCFM
52) Airflow	=	1204.1	ACFM

David O'Con
6/4/08

1200

Intertek Testing Services, Coil Test Facility
Test: 8K Water Heating Sensible Coils

Project # 3151799/002
Test of

=CONDENSING UNIT=
Manufacturer: HERMANT KALE
Model: B103490 SN:

=EVAPORATOR UNIT=
Manufacturer:
Model: SN:

Started: 6/4/2008 1:29 PM
By: D.SEAMANS

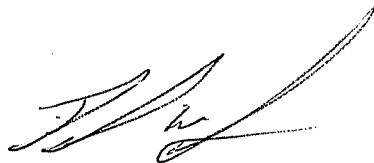
95DB
1600ACFM
135EWT
3GPM

Test Data for the past 30 minutes:

Barometer	:	28.618 min	28.625 max	28.621 avg	inHg
8K Supply DB	:	95.376 min	95.803 max	95.545 avg	degF
8K Supply WB	:	71.268 min	71.544 max	71.414 avg	degF
8K Discharge DB:		115.50 min	115.95 max	115.65 avg	degF
8K Discharge WB:		77.090 min	77.235 max	77.150 avg	degF
8K Liquid IN	:	134.11 min	135.10 max	134.33 avg	degF
8K Suction OUT	:	111.93 min	112.37 max	112.07 avg	degF
Ambiant Air Tem:		76.363 min	78.686 max	77.624 avg	degF
8K UUT Delta Pr:		.091543 min	.099990 max	.095318 avg	"H2O
8K Static Pres :		.15614 min	.16942 max	.16100 avg	"H2O
8K Static Pres@:		-1.0183 min	-.94733 max	-.97146 avg	"H2O
8K Pres Drop Ac:		.95870 min	1.0293 max	.98113 avg	"H2O
8K Water Delta :		.028058 min	.035985 max	.031881 avg	"Hg

Last 7 samples taken every 5 minutes:

Barometer	:	28.622	28.622	28.622	28.620	28.620	28.620	28.620
8K Supply DB	:	95.376	95.485	95.442	95.451	95.596	95.717	95.803
8K Supply WB	:	71.268	71.345	71.365	71.408	71.456	71.510	71.544
8K Discharge DB:		115.82	115.88	115.63	115.59	115.50	115.56	115.69
8K Discharge WB:		77.090	77.144	77.121	77.155	77.149	77.169	77.235
8K Liquid IN	:	135.10	134.62	134.19	134.18	134.13	134.12	134.46
8K Suction OUT	:	112.22	112.30	112.04	111.99	111.93	111.99	112.11
Ambiant Air Tem:		76.363	76.800	77.392	78.345	78.220	77.727	77.929
8K UUT Delta Pr:		.095110	.093648	.093579	.094480	.097882	.095659	.095500
8K Static Pres :		.15929	.15807	.15646	.15633	.16239	.16385	.16493
8K Static Pres@:		-.95554	-.95493	-.95836	-.95603	-.98408	-.98641	-.98286
8K Pres Drop Ac:		.96402	.96626	.96277	.96718	.99249	.99749	.98875
8K Tot H2O Flow:		942.40	957.35	972.29	987.23	1002.1	1017.0	1031.9
8K Water Delta :		.029391	.029672	.030022	.032407	.032758	.035073	.035353



1) Barometric Pressure	=	28.621	"Hg
2) Pressure drop Through Coil	=	.095299	"H2O
3) Static Pressure at coil inlet	=	.16094	"H2O
4) Average absolute static pressure	=	28.629	"Hg
5) Dry Bulb Temp. at Inlet of Coil	=	95.542	Deg. F
6) Wet Bulb Temp. at Inlet of Coil	=	71.411	Deg. F
7) Saturated vapor pressure at Inlet of Coil	=	.77602	"Hg
8) Specific humidity at Inlet of Coil	=	.011711	lb/lb
9) Enthalpy at Inlet of Coil	=	35.852	Btu/lb
10) Dry Bulb Temp. at Outlet of Coil	=	115.65	Deg. F
11) Wet Bulb Temp. at Outlet of Coil	=	77.149	Deg. F
12) Saturated vapor pressure at Outlet of Coil	=	.94049	"Hg
13) Specific humidity at Outlet of Coil	=	.012127	lb/lb
14) Enthalpy at Outlet of Coil	=	41.248	BTU/lb
15) Average Humidity Ratio	=	.011919	lb/lb
16) Average Specific gravity	=	.99289	
17) Difference in humidity ratio	=	-.000416	lb/lb
18) Average absolute temperature	=	565.59	Deg. F
19) Average Density	=	.066708	lb/cu.ft
20) Air Pressure drop Corrected	=	.084763	"H2O
21) Dry Bulb Temp at Nozzle	=	115.65	Deg. F
22) Specific Humidity at Nozzle	=	.011604	lb/lb
23) Specific Volume at Nozzle	=	14.780	cu.fy/lb
24) Static Pressure at Nozzle	=	-.97115	"H2O
25) Pressure drop across nozzle	=	.98084	"H2O
26) Total area of nozzles	=	.39148	sq.ft
27) Face area of test coil	=	4.0000	sq.ft
28) Dry Air Flow	=	106.29	lb/min
29) Standard Air Flow	=	354.30	ft/min
30) Ambient air temp	=	77.610	Deg. F
31) Outlet duct heat leakage constant	=	7.1186	Btu/hr-F
32) Inlet duct heat leakage constant	=	3.0651	Btu/hr-F
33) Enthalpy entering test coil Corrected	=	35.844	Btu/lb
34) Air Temp entering test coil Corrected	=	95.506	Deg. F
35) Enthalpy leaving test coil Corrected	=	41.290	Btu/lb
36) Air Temp leaving test coil Corrected	=	115.83	Deg. F
37) Sensible Air-Side Capacity	=	31241.	Btu/hr
39) Water Enter Coil Temp	=	134.33	Deg. F
40) Water Leaving Coil Temp	=	112.07	Deg. F
41) Actual Water flow rate	=	2.9836	GPM
42) Water flow rate	=	1470.2	lb/hr
43) Total Water-Side Capacity	=	32726.	Btu/hr
44) Average Total Capacity	=	31984.	Btu/hr
45) Average Sensible Capacity	=	31984.	Btu/hr
46) Heat Balance	=	-4.6437	%
47) Average water temp	=	123.20	Deg. F
48) Temp Correction Factor	=	.82266	
49) Water pressure drop	=	36.223	"Hg
50) Water pressure drop Uncorrected	=	41.037	"H2O
51) Water Pressure drop Corrected	=	49.884	"H2O
52) Rated Air Pressure Drop	=	.0	"H2O
53) % of Rated Air Pressure Drop	=	Inf.	%
54) Rated Capacity	=	.0	Btu/hr
55) % of Rated Capacity	=	Inf.	%
56) Rated Water Pressure Drop	=	.0	"H2O
57) % of Rated Water Pressure Drop	=	Inf.	%
58) Airflow	=	1417.2	SCFM
52) Airflow	=	1623.8	ACFM



Intertek Testing Services, Coil Test Facility
Test: 8K Water Heating Sensible Coils

Project # 3151799/002
Test of

=CONDENSING UNIT=
Manufacturer: HERMANT KALE
Model: B103490 SN:

=EVAPORATOR UNIT=
Manufacturer:
Model: SN:

Started: 6/4/2008 8:25 AM
By: D. AYERS

95DB
2000ACFM
135EWT
3GPM

Test Data for the past 30 minutes:

Barometer	:	28.630 min	28.640 max	28.636 avg	inHg
8K Supply DB	:	95.517 min	95.940 max	95.707 avg	degF
8K Supply WB	:	71.170 min	71.376 max	71.293 avg	degF
8K Discharge DB:	:	113.07 min	113.59 max	113.37 avg	degF
8K Discharge WB:	:	76.214 min	76.451 max	76.365 avg	degF
8K Liquid IN	:	134.49 min	134.76 max	134.68 avg	degF
8K Suction OUT	:	109.67 min	110.09 max	109.89 avg	degF
Ambiant Air Tem:	:	75.080 min	78.153 max	76.422 avg	degF
8K UUT Delta Pr:	:	.13707 min	.14419 max	.14067 avg	"H2O
8K Static Pres	:	.23826 min	.27602 max	.24730 avg	"H2O
8K Static Pres@:	:	-1.5294 min	-1.4910 max	-1.5183 avg	"H2O
8K Pres Drop Ac:	:	1.5419 min	1.5588 max	1.5507 avg	"H2O
8K Water Delta	:	.026024 min	.030794 max	.028347 avg	"Hg

Last 7 samples taken every 5 minutes:

Barometer	:	28.636	28.638	28.638	28.638	28.636	28.636	28.630
8K Supply DB	:	95.517	95.549	95.596	95.706	95.792	95.869	95.940
8K Supply WB	:	71.170	71.225	71.263	71.306	71.338	71.349	71.376
8K Discharge DB:	:	113.07	113.19	113.30	113.42	113.48	113.53	113.59
8K Discharge WB:	:	76.225	76.291	76.338	76.381	76.413	76.424	76.442
8K Liquid IN	:	134.49	134.62	134.68	134.76	134.72	134.73	134.74
8K Suction OUT	:	109.67	109.73	109.81	109.92	109.98	110.03	110.09
Ambiant Air Tem:	:	77.644	77.157	77.614	76.549	75.080	75.655	75.963
8K UUT Delta Pr:	:	.13971	.13984	.14062	.13918	.13994	.13973	.13897
8K Static Pres	:	.24766	.24768	.24518	.24834	.24729	.24517	.24740
8K Static Pres@:	:	-1.5172	-1.5218	-1.5212	-1.5195	-1.5218	-1.5200	-1.5147
8K Pres Drop Ac:	:	1.5460	1.5588	1.5522	1.5535	1.5491	1.5544	1.5503
8K Tot H2O Flow:	:	816.66	831.51	846.37	861.22	876.08	890.93	905.80
8K Water Delta	:	.027778	.028760	.029111	.030093	.028129	.027427	.027006



1) Barometric Pressure	=	28.636	"Hg
2) Pressure drop Through Coil	=	.14068	"H2O
3) Static Pressure at coil inlet	=	.24728	"H2O
4) Average absolute static pressure	=	28.649	"Hg
5) Dry Bulb Temp. at Inlet of Coil	=	95.704	Deg. F
6) Wet Bulb Temp. at Inlet of Coil	=	71.291	Deg. F
7) Saturated vapor pressure at Inlet of Coil	=	.77287	"Hg
8) Specific humidity at Inlet of Coil	=	.011562	lb/lb
9) Enthalpy at Inlet of Coil	=	35.728	Btu/lb
10) Dry Bulb Temp. at Outlet of Coil	=	113.37	Deg. F
11) Wet Bulb Temp. at Outlet of Coil	=	76.363	Deg. F
12) Saturated vapor pressure at Outlet of Coil	=	.91633	"Hg
13) Specific humidity at Outlet of Coil	=	.011909	lb/lb
14) Enthalpy at Outlet of Coil	=	40.445	BTU/lb
15) Average Humidity Ratio	=	.011736	lb/lb
16) Average Specific gravity	=	.99299	
17) Difference in humidity ratio	=	-.000346	lb/lb
18) Average absolute temperature	=	564.53	Deg. F
19) Average Density	=	.066887	lb/cu.ft
20) Air Pressure drop Corrected	=	.12546	"H2O
21) Dry Bulb Temp at Nozzle	=	113.37	Deg. F
22) Specific Humidity at Nozzle	=	.011403	lb/lb
23) Specific Volume at Nozzle	=	14.717	cu.fy/lb
24) Static Pressure at Nozzle	=	-1.5183	"H2O
25) Pressure drop across nozzle	=	1.5507	"H2O
26) Total area of nozzles	=	.39148	sq.ft
27) Face area of test coil	=	4.0000	sq.ft
28) Dry Air Flow	=	133.89	lb/min
29) Standard Air Flow	=	446.30	ft/min
30) Ambient air temp	=	76.434	Deg. F
31) Outlet duct heat leakage constant	=	7.1186	Btu/hr-F
32) Inlet duct heat leakage constant	=	3.0651	Btu/hr-F
33) Enthalpy entering test coil Corrected	=	35.721	Btu/lb
34) Air Temp entering test coil Corrected	=	95.673	Deg. F
35) Enthalpy leaving test coil Corrected	=	40.477	Btu/lb
36) Air Temp leaving test coil Corrected	=	113.51	Deg. F
37) Sensible Air-Side Capacity	=	34532.	Btu/hr
39) Water Enter Coil Temp	=	134.68	Deg. F
40) Water Leaving Coil Temp	=	109.89	Deg. F
41) Actual Water flow rate	=	2.9713	GPM
42) Water flow rate	=	1464.0	lb/hr
43) Total Water-Side Capacity	=	36296.	Btu/hr
44) Average Total Capacity	=	35414.	Btu/hr
45) Average Sensible Capacity	=	35414.	Btu/hr
46) Heat Balance	=	-4.9814	%
47) Average water temp	=	122.28	Deg. F
48) Temp Correction Factor	=	.82455	
49) Water pressure drop	=	35.974	"Hg
50) Water pressure drop Uncorrected	=	40.755	'H2O
51) Water Pressure drop Corrected	=	49.427	'H2O
52) Rated Air Pressure Drop	=	.0	"H2O
53) % of Rated Air Pressure Drop	=	Inf.	%
54) Rated Capacity	=	.0	Btu/hr
55) % of Rated Capacity	=	Inf.	%
56) Rated Water Pressure Drop	=	.0	'H2O
57) % of Rated Water Pressure Drop	=	Inf.	%
58) Airflow	=	1785.2	SCFM
52) Airflow	=	2029.0	ACFM

