GPM	F	%	F	-	-	HP	%	F
26432	72.56	65.30	19.80	1.046	1.389	156	1.61	0.00
26432	45.66	41.00	19.80	0.998	1.423	162	1.30	0.00
26432	48.98	44.00	19.80	1.003	1.419	161	1.35	0.00
26432	52.30	47.00	19.80	1.008	1.415	161	1.39	0.00
26432	55.63	50.00	19.80	1.014	1.412	160	1.43	0.00
26432	58.96	53.00	19.80	1.020	1.408	159	1.47	0.00
26432	62.28	56.00	19.80	1.026	1.403	159	1.50	0.00
26432	65.60	59.00	19.80	1.032	1.399	158	1.54	0.00
26432	68.92	62.00	19.80	1.039	1.395	157	1.57	0.00
26432	72.23	65.00	19.80	1.046	1.390	157	1.60	0.00
26432	75.54	68.00	19.80	1.053	1.385	156	1.64	0.00
26432	78.85	71.00	19.80	1.061	1.380	155	1.67	0.00
26432	82.15	74.00	19.80	1.069	1.375	154	1.70	0.00
26432	85.44	77.00	19.80	1.077	1.369	153	1.73	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
26432	72.56	65.30	21.60	1.052	1.386	156	1.75	0.00
26432	45.66	41.00	21.60	1.004	1.419	161	1.44	0.00
26432	48.98	44.00	21.60	1.009	1.415	161	1.47	0.00
26432	52.30	47.00	21.60	1.014	1.411	160	1.52	0.00
26432	55.63	50.00	21.60	1.020	1.408	159	1.56	0.00
26432	58.96	53.00	21.60	1.025	1.404	159	1.60	0.00
26432	62.28	56.00	21.60	1.031	1.400	158	1.64	0.00
26432	65.60	59.00	21.60	1.037	1.395	157	1.67	0.00
26432	68.92	62.00	21.60	1.044	1.391	157	1.71	0.00
26432	72.23	65.00	21.60	1.051	1.386	156	1.74	0.00
26432	75.54	68.00	21.60	1.058	1.382	155	1.78	0.00
26432	78.85	71.00	21.60	1.066	1.377	155	1.81	0.00
26432	82.15	74.00	21.60	1.074	1.372	154	1.84	0.00
26432	85.44	77.00	21.60	1.082	1.366	153	1.87	0.00

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* User name:   D55300                    Queue:  GS/RSLLSR              *
* File name:                             Server  RSLLSR                 *
* Directory:                                                            *
* Description: LPT1 Catch                                               *
*              March 10, 94                       1:54pm                *
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Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
26432	72.56	65.30	18.00	1.041	0.000	157	1.47	0.00
26432	45.66	41.00	18.00	0.992	1.427	163	1.19	0.00
26432	48.98	44.00	18.00	0.997	1.423	162	1.23	0.00
26432	52.30	47.00	18.00	1.003	1.420	161	1.26	0.00
26432	55.63	50.00	18.00	1.008	1.416	161	1.30	0.00
26432	58.96	53.00	18.00	1.014	1.411	160	1.33	0.00
26432	62.28	56.00	18.00	1.020	1.407	159	1.37	0.00
26432	65.60	59.00	18.00	1.027	1.403	159	1.40	0.00
26432	68.92	62.00	18.00	1.033	1.398	158	1.43	0.00
26432	72.23	65.00	18.00	1.040	1.394	157	1.47	0.00
26432	75.54	68.00	18.00	1.048	1.389	156	1.50	0.00
26432	78.85	71.00	18.00	1.055	1.384	156	1.53	0.00
26432	82.15	74.00	18.00	1.064	1.378	155	1.55	0.00
26432	85.44	77.00	18.00	1.072	1.373	154	1.58	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
26432	72.56	65.30	14.40	1.030	1.400	158	1.20	0.00
26432	45.66	41.00	14.40	0.980	1.436	164	0.95	0.00
26432	48.98	44.00	14.40	0.985	1.432	164	0.98	0.00
26432	52.30	47.00	14.40	0.991	1.428	163	1.01	0.00
26432	55.63	50.00	14.40	0.997	1.424	162	1.05	0.00
26432	58.96	53.00	14.40	1.003	1.419	161	1.08	0.00
26432	62.28	56.00	14.40	1.009	1.415	161	1.11	0.00
26432	65.60	59.00	14.40	1.016	1.410	160	1.14	0.00
26432	68.92	62.00	14.40	1.022	1.406	159	1.16	0.00
26432	72.23	65.00	14.40	1.030	1.401	158	1.19	0.00
26432	75.54	68.00	14.40	1.037	1.396	157	1.22	0.00
26432	78.85	71.00	14.40	1.045	1.390	157	1.25	0.00
26432	82.15	74.00	14.40	1.053	1.385	156	1.27	0.00
26432	85.44	77.00	14.40	1.062	1.379	155	1.30	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
26432	72.56	65.30	16.20	1.036	1.397	158	1.33	0.00
26432	45.66	41.00	16.20	0.986	1.432	164	1.07	0.00
26432	48.98	44.00	16.20	0.991	1.428	163	1.10	0.00
26432	52.30	47.00	16.20	0.997	1.424	162	1.14	0.00
26432	55.63	50.00	16.20	1.002	1.420	162	1.17	0.00
26432	58.96	53.00	16.20	1.008	1.415	161	1.20	0.00
26432	62.28	56.00	16.20	1.015	1.411	160	1.24	0.00
26432	65.60	59.00	16.20	1.021	1.407	159	1.27	0.00
26432	68.92	62.00	16.20	1.028	1.402	158	1.30	0.00
26432	72.23	65.00	16.20	1.035	1.397	158	1.33	0.00
26432	75.54	68.00	16.20	1.042	1.392	157	1.36	0.00
26432	78.85	71.00	16.20	1.050	1.387	156	1.39	0.00
26432	82.15	74.00	16.20	1.058	1.382	155	1.41	0.00
26432	85.44	77.00	16.20	1.067	1.376	154	1.44	0.00

Water flow	Dry bulb	Wet bulb	Range	L/G	KaV/L	Fan power	Evap.	Cold water

GPM	F	%	F	-	-	HP	%	F
26432	72.56	65.30	19.80	1.046	1.389	156	1.61	0.00
26432	45.66	41.00	19.80	0.998	1.423	162	1.30	0.00
26432	48.98	44.00	19.80	1.003	1.419	161	1.35	0.00
26432	52.30	47.00	19.80	1.008	1.415	161	1.39	0.00
26432	55.63	50.00	19.80	1.014	1.412	160	1.43	0.00
26432	58.96	53.00	19.80	1.020	1.408	159	1.47	0.00
26432	62.28	56.00	19.80	1.026	1.403	159	1.50	0.00
26432	65.60	59.00	19.80	1.032	1.399	158	1.54	0.00
26432	68.92	62.00	19.80	1.039	1.395	157	1.57	0.00
26432	72.23	65.00	19.80	1.046	1.390	157	1.60	0.00
26432	75.54	68.00	19.80	1.053	1.385	156	1.64	0.00
26432	78.85	71.00	19.80	1.061	1.380	155	1.67	0.00
26432	82.15	74.00	19.80	1.069	1.375	154	1.70	0.00
26432	85.44	77.00	19.80	1.077	1.369	153	1.73	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
26432	72.56	65.30	21.60	1.052	1.386	156	1.75	0.00
26432	45.66	41.00	21.60	1.004	1.419	161	1.44	0.00
26432	48.98	44.00	21.60	1.009	1.415	161	1.47	0.00
26432	52.30	47.00	21.60	1.014	1.411	160	1.52	0.00
26432	55.63	50.00	21.60	1.020	1.408	159	1.56	0.00
26432	58.96	53.00	21.60	1.025	1.404	159	1.60	0.00
26432	62.28	56.00	21.60	1.031	1.400	158	1.64	0.00
26432	65.60	59.00	21.60	1.037	1.395	157	1.67	0.00
26432	68.92	62.00	21.60	1.044	1.391	157	1.71	0.00
26432	72.23	65.00	21.60	1.051	1.386	156	1.74	0.00
26432	75.54	68.00	21.60	1.058	1.382	155	1.78	0.00
26432	78.85	71.00	21.60	1.066	1.377	155	1.81	0.00
26432	82.15	74.00	21.60	1.074	1.372	154	1.84	0.00
26432	85.44	77.00	21.60	1.082	1.366	153	1.87	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
22026	72.56	65.30	18.00	0.860	1.533	158	1.49	0.00
22026	45.66	41.00	18.00	0.818	1.571	164	1.18	0.00
22026	48.98	44.00	18.00	0.823	1.567	163	1.23	0.00
22026	52.30	47.00	18.00	0.827	1.563	163	1.26	0.00
22026	55.63	50.00	18.00	0.832	1.558	162	1.30	0.00
22026	58.96	53.00	18.00	0.837	1.553	161	1.34	0.00
22026	62.28	56.00	18.00	0.842	1.549	160	1.38	0.00
22026	65.60	59.00	18.00	0.848	1.544	160	1.42	0.00
22026	68.92	62.00	18.00	0.853	1.538	159	1.45	0.00
22026	72.23	65.00	18.00	0.859	1.533	158	1.48	0.00
22026	75.54	68.00	18.00	0.866	1.528	157	1.52	0.00
22026	78.85	71.00	18.00	0.872	1.522	156	1.55	0.00
22026	82.15	74.00	18.00	0.879	1.516	156	1.58	0.00
22026	85.44	77.00	18.00	0.886	1.510	155	1.61	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
22026	72.56	65.30	14.40	0.853	1.539	159	1.22	0.00
22026	45.66	41.00	14.40	0.809	1.580	166	0.95	0.00
22026	48.98	44.00	14.40	0.814	1.575	165	0.99	0.00
22026	52.30	47.00	14.40	0.819	1.571	164	1.02	0.00
22026	55.63	50.00	14.40	0.824	1.566	163	1.06	0.00
22026	58.96	53.00	14.40	0.829	1.561	162	1.09	0.00
22026	62.28	56.00	14.40	0.834	1.556	162	1.12	0.00
22026	65.60	59.00	14.40	0.840	1.551	161	1.16	0.00
22026	68.92	62.00	14.40	0.846	1.545	160	1.19	0.00
22026	72.23	65.00	14.40	0.852	1.540	159	1.22	0.00
22026	75.54	68.00	14.40	0.858	1.534	158	1.25	0.00
22026	78.85	71.00	14.40	0.865	1.528	157	1.27	0.00
22026	82.15	74.00	14.40	0.872	1.522	156	1.30	0.00
22026	85.44	77.00	14.40	0.879	1.516	156	1.33	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
22026	72.56	65.30	16.20	0.856	1.536	159	1.35	0.00
22026	45.66	41.00	16.20	0.814	1.576	165	1.07	0.00
22026	48.98	44.00	16.20	0.818	1.571	164	1.10	0.00
22026	52.30	47.00	16.20	0.823	1.567	163	1.14	0.00
22026	55.63	50.00	16.20	0.828	1.562	163	1.18	0.00
22026	58.96	53.00	16.20	0.833	1.557	162	1.22	0.00
22026	62.28	56.00	16.20	0.838	1.552	161	1.25	0.00
22026	65.60	59.00	16.20	0.844	1.547	160	1.28	0.00
22026	68.92	62.00	16.20	0.850	1.542	159	1.32	0.00
22026	72.23	65.00	16.20	0.856	1.536	159	1.35	0.00
22026	75.54	68.00	16.20	0.862	1.531	158	1.38	0.00
22026	78.85	71.00	16.20	0.869	1.525	157	1.41	0.00
22026	82.15	74.00	16.20	0.876	1.519	156	1.44	0.00
22026	85.44	77.00	16.20	0.883	1.513	155	1.47	0.00

Water	Dry	Wet	Range	L/G	KaV/L	Fan	Evap.	Cold

flow GPM	bulb F	bulb %	F	-	-	power HP	%	water F
22026	72.56	65.30	19.80	0.864	1.529	158	1.62	0.00
22026	45.66	41.00	19.80	0.822	1.567	164	1.30	0.00
22026	48.98	44.00	19.80	0.827	1.563	163	1.35	0.00
22026	52.30	47.00	19.80	0.831	1.559	162	1.39	0.00
22026	55.63	50.00	19.80	0.836	1.554	161	1.43	0.00
22026	58.96	53.00	19.80	0.841	1.550	161	1.47	0.00
22026	62.28	56.00	19.80	0.846	1.545	160	1.51	0.00
22026	65.60	59.00	19.80	0.852	1.540	159	1.55	0.00
22026	68.92	62.00	19.80	0.857	1.535	158	1.58	0.00
22026	72.23	65.00	19.80	0.863	1.530	158	1.62	0.00
22026	75.54	68.00	19.80	0.869	1.524	157	1.66	0.00
22026	78.85	71.00	19.80	0.876	1.519	156	1.69	0.00
22026	82.15	74.00	19.80	0.883	1.513	155	1.72	0.00
22026	85.44	77.00	19.80	0.890	1.507	154	1.75	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
22026	72.56	65.30	21.60	0.867	1.526	157	1.76	0.00
22026	45.66	41.00	21.60	0.827	1.563	163	1.43	0.00
22026	48.98	44.00	21.60	0.831	1.559	162	1.47	0.00
22026	52.30	47.00	21.60	0.835	1.555	162	1.52	0.00
22026	55.63	50.00	21.60	0.840	1.551	161	1.56	0.00
22026	58.96	53.00	21.60	0.845	1.546	160	1.60	0.00
22026	62.28	56.00	21.60	0.850	1.542	159	1.64	0.00
22026	65.60	59.00	21.60	0.855	1.537	159	1.68	0.00
22026	68.92	62.00	21.60	0.861	1.532	158	1.72	0.00
22026	72.23	65.00	21.60	0.867	1.527	157	1.76	0.00
22026	75.54	68.00	21.60	0.873	1.521	156	1.79	0.00
22026	78.85	71.00	21.60	0.879	1.516	156	1.83	0.00
22026	82.15	74.00	21.60	0.886	1.510	155	1.86	0.00
22026	85.44	77.00	21.60	0.893	1.504	154	1.90	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
22907	72.56	65.30	18.00	0.896	1.502	158	1.48	0.00
22907	45.66	41.00	18.00	0.853	1.539	164	1.19	0.00
22907	48.98	44.00	18.00	0.857	1.535	163	1.22	0.00
22907	52.30	47.00	18.00	0.862	1.531	162	1.26	0.00
22907	55.63	50.00	18.00	0.867	1.526	162	1.30	0.00
22907	58.96	53.00	18.00	0.872	1.522	161	1.34	0.00
22907	62.28	56.00	18.00	0.878	1.517	160	1.38	0.00
22907	65.60	59.00	18.00	0.883	1.512	159	1.41	0.00
22907	68.92	62.00	18.00	0.889	1.507	159	1.45	0.00
22907	72.23	65.00	18.00	0.895	1.502	158	1.48	0.00
22907	75.54	68.00	18.00	0.902	1.497	157	1.51	0.00
22907	78.85	71.00	18.00	0.909	1.491	156	1.54	0.00
22907	82.15	74.00	18.00	0.916	1.485	155	1.57	0.00
22907	85.44	77.00	18.00	0.923	1.479	155	1.60	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
22907	72.56	65.30	14.40	0.888	1.508	159	1.21	0.00
22907	45.66	41.00	14.40	0.843	1.548	165	0.95	0.00
22907	48.98	44.00	14.40	0.848	1.543	165	0.99	0.00
22907	52.30	47.00	14.40	0.853	1.539	164	1.02	0.00
22907	55.63	50.00	14.40	0.858	1.534	163	1.05	0.00
22907	58.96	53.00	14.40	0.864	1.529	162	1.09	0.00
22907	62.28	56.00	14.40	0.869	1.525	161	1.12	0.00
22907	65.60	59.00	14.40	0.875	1.519	161	1.15	0.00
22907	68.92	62.00	14.40	0.881	1.514	160	1.18	0.00
22907	72.23	65.00	14.40	0.887	1.509	159	1.21	0.00
22907	75.54	68.00	14.40	0.894	1.503	158	1.24	0.00
22907	78.85	71.00	14.40	0.901	1.498	157	1.27	0.00
22907	82.15	74.00	14.40	0.908	1.492	156	1.29	0.00
22907	85.44	77.00	14.40	0.916	1.485	155	1.32	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
22907	72.56	65.30	16.20	0.892	1.505	158	1.35	0.00
22907	45.66	41.00	16.20	0.848	1.544	165	1.07	0.00
22907	48.98	44.00	16.20	0.853	1.539	164	1.10	0.00
22907	52.30	47.00	16.20	0.858	1.535	163	1.14	0.00
22907	55.63	50.00	16.20	0.863	1.530	162	1.18	0.00
22907	58.96	53.00	16.20	0.868	1.526	162	1.21	0.00
22907	62.28	56.00	16.20	0.873	1.521	161	1.25	0.00
22907	65.60	59.00	16.20	0.879	1.516	160	1.28	0.00
22907	68.92	62.00	16.20	0.885	1.511	159	1.31	0.00
22907	72.23	65.00	16.20	0.891	1.505	158	1.35	0.00
22907	75.54	68.00	16.20	0.898	1.500	158	1.38	0.00
22907	78.85	71.00	16.20	0.905	1.494	157	1.41	0.00
22907	82.15	74.00	16.20	0.912	1.488	156	1.43	0.00
22907	85.44	77.00	16.20	0.919	1.482	155	1.46	0.00

Water	Dry	Wet	Range	L/G	KaV/L	Fan	Evap.	Cold

flow GPM	bulb F	bulb %	F	-	-	power HP	%	water F
22907	72.56	65.30	19.80	0.900	1.498	157	1.62	0.00
22907	45.66	41.00	19.80	0.857	1.535	163	1.31	0.00
22907	48.98	44.00	19.80	0.862	1.531	163	1.35	0.00
22907	52.30	47.00	19.80	0.866	1.527	162	1.39	0.00
22907	55.63	50.00	19.80	0.871	1.523	161	1.43	0.00
22907	58.96	53.00	19.80	0.877	1.518	160	1.47	0.00
22907	62.28	56.00	19.80	0.882	1.514	160	1.51	0.00
22907	65.60	59.00	19.80	0.887	1.509	159	1.54	0.00
22907	68.92	62.00	19.80	0.893	1.504	158	1.58	0.00
22907	72.23	65.00	19.80	0.899	1.499	157	1.62	0.00
22907	75.54	68.00	19.80	0.906	1.493	157	1.65	0.00
22907	78.85	71.00	19.80	0.913	1.488	156	1.68	0.00
22907	82.15	74.00	19.80	0.920	1.482	155	1.72	0.00
22907	85.44	77.00	19.80	0.927	1.476	154	1.75	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
22907	72.56	65.30	21.60	0.904	1.495	157	1.76	0.00
22907	45.66	41.00	21.60	0.862	1.531	163	1.43	0.00
22907	48.98	44.00	21.60	0.866	1.527	162	1.47	0.00
22907	52.30	47.00	21.60	0.871	1.523	161	1.52	0.00
22907	55.63	50.00	21.60	0.876	1.519	161	1.56	0.00
22907	58.96	53.00	21.60	0.881	1.514	160	1.60	0.00
22907	62.28	56.00	21.60	0.886	1.510	159	1.64	0.00
22907	65.60	59.00	21.60	0.892	1.505	158	1.68	0.00
22907	68.92	62.00	21.60	0.897	1.500	158	1.72	0.00
22907	72.23	65.00	21.60	0.903	1.495	157	1.75	0.00
22907	75.54	68.00	21.60	0.910	1.490	156	1.79	0.00
22907	78.85	71.00	21.60	0.916	1.485	155	1.82	0.00
22907	82.15	74.00	21.60	0.923	1.479	155	1.86	0.00
22907	85.44	77.00	21.60	0.931	1.473	154	1.89	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
23789	72.56	65.30	18.00	0.932	1.472	158	1.48	0.00
23789	45.66	41.00	18.00	0.887	1.509	164	1.19	0.00
23789	48.98	44.00	18.00	0.892	1.505	163	1.22	0.00
23789	52.30	47.00	18.00	0.897	1.501	162	1.26	0.00
23789	55.63	50.00	18.00	0.902	1.496	162	1.30	0.00
23789	58.96	53.00	18.00	0.908	1.492	161	1.34	0.00
23789	62.28	56.00	18.00	0.913	1.487	160	1.37	0.00
23789	65.60	59.00	18.00	0.919	1.483	159	1.41	0.00
23789	68.92	62.00	18.00	0.925	1.478	158	1.44	0.00
23789	72.23	65.00	18.00	0.931	1.473	158	1.48	0.00
23789	75.54	68.00	18.00	0.938	1.467	157	1.51	0.00
23789	78.85	71.00	18.00	0.945	1.462	156	1.54	0.00
23789	82.15	74.00	18.00	0.953	1.456	155	1.57	0.00
23789	85.44	77.00	18.00	0.960	1.450	154	1.60	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
23789	72.56	65.30	14.40	0.923	1.479	159	1.21	0.00
23789	45.66	41.00	14.40	0.877	1.518	165	0.95	0.00
23789	48.98	44.00	14.40	0.882	1.513	164	0.98	0.00
23789	52.30	47.00	14.40	0.887	1.509	164	1.02	0.00
23789	55.63	50.00	14.40	0.893	1.504	163	1.05	0.00
23789	58.96	53.00	14.40	0.898	1.500	162	1.08	0.00
23789	62.28	56.00	14.40	0.904	1.495	161	1.12	0.00
23789	65.60	59.00	14.40	0.910	1.490	160	1.15	0.00
23789	68.92	62.00	14.40	0.916	1.485	160	1.18	0.00
23789	72.23	65.00	14.40	0.923	1.480	159	1.21	0.00
23789	75.54	68.00	14.40	0.930	1.474	158	1.23	0.00
23789	78.85	71.00	14.40	0.937	1.469	157	1.26	0.00
23789	82.15	74.00	14.40	0.944	1.463	156	1.29	0.00
23789	85.44	77.00	14.40	0.952	1.457	155	1.31	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
23789	72.56	65.30	16.20	0.928	1.476	158	1.34	0.00
23789	45.66	41.00	16.20	0.882	1.513	164	1.07	0.00
23789	48.98	44.00	16.20	0.887	1.509	164	1.10	0.00
23789	52.30	47.00	16.20	0.892	1.505	163	1.14	0.00
23789	55.63	50.00	16.20	0.897	1.500	162	1.17	0.00
23789	58.96	53.00	16.20	0.903	1.496	161	1.21	0.00
23789	62.28	56.00	16.20	0.909	1.491	161	1.24	0.00
23789	65.60	59.00	16.20	0.914	1.486	160	1.28	0.00
23789	68.92	62.00	16.20	0.921	1.481	159	1.31	0.00
23789	72.23	65.00	16.20	0.927	1.476	158	1.34	0.00
23789	75.54	68.00	16.20	0.934	1.471	157	1.37	0.00
23789	78.85	71.00	16.20	0.941	1.465	157	1.40	0.00
23789	82.15	74.00	16.20	0.948	1.460	156	1.43	0.00
23789	85.44	77.00	16.20	0.956	1.454	155	1.46	0.00

Water	Dry	Wet	Range	L/G	KaV/L	Fan	Evap.	Cold

flow GPM	bulb F	bulb %	F	-	-	power HP	%	water F
23789	72.56	65.30	19.80	0.936	1.469	157	1.62	0.00
23789	45.66	41.00	19.80	0.892	1.505	163	1.31	0.00
23789	48.98	44.00	19.80	0.897	1.501	162	1.35	0.00
23789	52.30	47.00	19.80	0.902	1.497	162	1.39	0.00
23789	55.63	50.00	19.80	0.907	1.493	161	1.43	0.00
23789	58.96	53.00	19.80	0.912	1.488	160	1.47	0.00
23789	62.28	56.00	19.80	0.918	1.484	159	1.50	0.00
23789	65.60	59.00	19.80	0.923	1.479	159	1.54	0.00
23789	68.92	62.00	19.80	0.929	1.474	158	1.58	0.00
23789	72.23	65.00	19.80	0.936	1.469	157	1.61	0.00
23789	75.54	68.00	19.80	0.942	1.464	156	1.65	0.00
23789	78.85	71.00	19.80	0.949	1.459	156	1.68	0.00
23789	82.15	74.00	19.80	0.957	1.453	155	1.71	0.00
23789	85.44	77.00	19.80	0.964	1.447	154	1.74	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
23789	72.56	65.30	21.60	0.941	1.465	157	1.75	0.00
23789	45.66	41.00	21.60	0.897	1.501	162	1.42	0.00
23789	48.98	44.00	21.60	0.902	1.497	162	1.48	0.00
23789	52.30	47.00	21.60	0.906	1.493	161	1.52	0.00
23789	55.63	50.00	21.60	0.911	1.489	160	1.56	0.00
23789	58.96	53.00	21.60	0.917	1.485	160	1.60	0.00
23789	62.28	56.00	21.60	0.922	1.480	159	1.64	0.00
23789	65.60	59.00	21.60	0.928	1.476	158	1.68	0.00
23789	68.92	62.00	21.60	0.934	1.471	157	1.71	0.00
23789	72.23	65.00	21.60	0.940	1.466	157	1.75	0.00
23789	75.54	68.00	21.60	0.947	1.461	156	1.79	0.00
23789	78.85	71.00	21.60	0.954	1.456	155	1.82	0.00
23789	82.15	74.00	21.60	0.961	1.450	154	1.85	0.00
23789	85.44	77.00	21.60	0.969	1.444	153	1.89	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
24670	72.56	65.30	18.00	0.968	1.444	157	1.48	0.00
24670	45.66	41.00	18.00	0.922	1.480	163	1.19	0.00
24670	48.98	44.00	18.00	0.927	1.476	163	1.23	0.00
24670	52.30	47.00	18.00	0.932	1.472	162	1.26	0.00
24670	55.63	50.00	18.00	0.937	1.468	161	1.30	0.00
24670	58.96	53.00	18.00	0.943	1.464	161	1.34	0.00
24670	62.28	56.00	18.00	0.949	1.459	160	1.37	0.00
24670	65.60	59.00	18.00	0.955	1.455	159	1.41	0.00
24670	68.92	62.00	18.00	0.961	1.450	158	1.44	0.00
24670	72.23	65.00	18.00	0.968	1.445	158	1.47	0.00
24670	75.54	68.00	18.00	0.975	1.440	157	1.50	0.00
24670	78.85	71.00	18.00	0.982	1.434	156	1.53	0.00
24670	82.15	74.00	18.00	0.989	1.429	155	1.56	0.00
24670	85.44	77.00	18.00	0.997	1.423	154	1.59	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
24670	72.56	65.30	14.40	0.959	1.451	159	1.20	0.00
24670	45.66	41.00	14.40	0.911	1.489	165	0.95	0.00
24670	48.98	44.00	14.40	0.916	1.485	164	0.98	0.00
24670	52.30	47.00	14.40	0.922	1.480	163	1.02	0.00
24670	55.63	50.00	14.40	0.927	1.476	163	1.05	0.00
24670	58.96	53.00	14.40	0.933	1.472	162	1.08	0.00
24670	62.28	56.00	14.40	0.939	1.467	161	1.11	0.00
24670	65.60	59.00	14.40	0.945	1.462	160	1.14	0.00
24670	68.92	62.00	14.40	0.951	1.457	159	1.17	0.00
24670	72.23	65.00	14.40	0.958	1.452	159	1.20	0.00
24670	75.54	68.00	14.40	0.965	1.447	158	1.23	0.00
24670	78.85	71.00	14.40	0.973	1.441	157	1.26	0.00
24670	82.15	74.00	14.40	0.980	1.435	156	1.28	0.00
24670	85.44	77.00	14.40	0.989	1.429	155	1.31	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
24670	72.56	65.30	16.20	0.964	1.448	158	1.34	0.00
24670	45.66	41.00	16.20	0.917	1.485	164	1.07	0.00
24670	48.98	44.00	16.20	0.922	1.480	163	1.10	0.00
24670	52.30	47.00	16.20	0.927	1.476	163	1.14	0.00
24670	55.63	50.00	16.20	0.932	1.472	162	1.17	0.00
24670	58.96	53.00	16.20	0.938	1.468	161	1.21	0.00
24670	62.28	56.00	16.20	0.944	1.463	160	1.24	0.00
24670	65.60	59.00	16.20	0.950	1.458	160	1.27	0.00
24670	68.92	62.00	16.20	0.956	1.453	159	1.30	0.00
24670	72.23	65.00	16.20	0.963	1.448	158	1.34	0.00
24670	75.54	68.00	16.20	0.970	1.443	157	1.37	0.00
24670	78.85	71.00	16.20	0.977	1.438	156	1.39	0.00
24670	82.15	74.00	16.20	0.985	1.432	156	1.42	0.00
24670	85.44	77.00	16.20	0.993	1.426	155	1.45	0.00

Water	Dry	Wet	Range	L/G	KaV/L	Fan	Evap.	Cold

flow GPM	bulb F	bulb %	F	-	-	power HP	%	water F
24670	72.56	65.30	19.80	0.973	1.441	157	1.61	0.00
24670	45.66	41.00	19.80	0.927	1.476	163	1.31	0.00
24670	48.98	44.00	19.80	0.932	1.472	162	1.35	0.00
24670	52.30	47.00	19.80	0.937	1.468	161	1.39	0.00
24670	55.63	50.00	19.80	0.942	1.464	161	1.43	0.00
24670	58.96	53.00	19.80	0.948	1.460	160	1.47	0.00
24670	62.28	56.00	19.80	0.954	1.456	159	1.50	0.00
24670	65.60	59.00	19.80	0.959	1.451	158	1.54	0.00
24670	68.92	62.00	19.80	0.966	1.446	158	1.57	0.00
24670	72.23	65.00	19.80	0.972	1.441	157	1.61	0.00
24670	75.54	68.00	19.80	0.979	1.436	156	1.64	0.00
24670	78.85	71.00	19.80	0.986	1.431	155	1.67	0.00
24670	82.15	74.00	19.80	0.994	1.426	155	1.71	0.00
24670	85.44	77.00	19.80	1.002	1.420	154	1.74	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
24670	72.56	65.30	21.60	0.978	1.438	156	1.75	0.00
24670	45.66	41.00	21.60	0.932	1.472	162	1.44	0.00
24670	48.98	44.00	21.60	0.937	1.468	161	1.48	0.00
24670	52.30	47.00	21.60	0.942	1.464	161	1.52	0.00
24670	55.63	50.00	21.60	0.947	1.460	160	1.56	0.00
24670	58.96	53.00	21.60	0.953	1.456	159	1.60	0.00
24670	62.28	56.00	21.60	0.958	1.452	159	1.64	0.00
24670	65.60	59.00	21.60	0.964	1.447	158	1.67	0.00
24670	68.92	62.00	21.60	0.970	1.443	157	1.71	0.00
24670	72.23	65.00	21.60	0.977	1.438	156	1.75	0.00
24670	75.54	68.00	21.60	0.984	1.433	156	1.78	0.00
24670	78.85	71.00	21.60	0.991	1.428	155	1.82	0.00
24670	82.15	74.00	21.60	0.998	1.423	154	1.85	0.00
24670	85.44	77.00	21.60	1.006	1.417	153	1.88	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
25551	72.56	65.30	18.00	1.005	1.418	157	1.47	0.00
25551	45.66	41.00	18.00	0.957	1.453	163	1.19	0.00
25551	48.98	44.00	18.00	0.962	1.449	162	1.23	0.00
25551	52.30	47.00	18.00	0.967	1.445	162	1.26	0.00
25551	55.63	50.00	18.00	0.973	1.441	161	1.30	0.00
25551	58.96	53.00	18.00	0.978	1.437	160	1.33	0.00
25551	62.28	56.00	18.00	0.984	1.433	160	1.37	0.00
25551	65.60	59.00	18.00	0.991	1.428	159	1.40	0.00
25551	68.92	62.00	18.00	0.997	1.423	158	1.44	0.00
25551	72.23	65.00	18.00	1.004	1.419	157	1.47	0.00
25551	75.54	68.00	18.00	1.011	1.414	157	1.50	0.00
25551	78.85	71.00	18.00	1.019	1.408	156	1.53	0.00
25551	82.15	74.00	18.00	1.026	1.403	155	1.56	0.00
25551	85.44	77.00	18.00	1.035	1.397	154	1.59	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
25551	72.56	65.30	14.40	0.995	1.425	158	1.20	0.00
25551	45.66	41.00	14.40	0.945	1.462	165	0.95	0.00
25551	48.98	44.00	14.40	0.951	1.458	164	0.98	0.00
25551	52.30	47.00	14.40	0.956	1.454	163	1.01	0.00
25551	55.63	50.00	14.40	0.962	1.449	162	1.05	0.00
25551	58.96	53.00	14.40	0.968	1.445	162	1.08	0.00
25551	62.28	56.00	14.40	0.974	1.440	161	1.11	0.00
25551	65.60	59.00	14.40	0.980	1.436	160	1.14	0.00
25551	68.92	62.00	14.40	0.987	1.431	159	1.17	0.00
25551	72.23	65.00	14.40	0.994	1.426	158	1.20	0.00
25551	75.54	68.00	14.40	1.001	1.421	158	1.22	0.00
25551	78.85	71.00	14.40	1.009	1.415	157	1.25	0.00
25551	82.15	74.00	14.40	1.017	1.410	156	1.28	0.00
25551	85.44	77.00	14.40	1.025	1.404	155	1.30	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
25551	72.56	65.30	16.20	1.000	1.422	158	1.33	0.00
25551	45.66	41.00	16.20	0.951	1.457	164	1.07	0.00
25551	48.98	44.00	16.20	0.956	1.453	163	1.10	0.00
25551	52.30	47.00	16.20	0.962	1.449	162	1.14	0.00
25551	55.63	50.00	16.20	0.967	1.445	162	1.17	0.00
25551	58.96	53.00	16.20	0.973	1.441	161	1.21	0.00
25551	62.28	56.00	16.20	0.979	1.436	160	1.24	0.00
25551	65.60	59.00	16.20	0.985	1.432	159	1.27	0.00
25551	68.92	62.00	16.20	0.992	1.427	159	1.30	0.00
25551	72.23	65.00	16.20	0.999	1.422	158	1.33	0.00
25551	75.54	68.00	16.20	1.006	1.417	157	1.36	0.00
25551	78.85	71.00	16.20	1.014	1.412	156	1.39	0.00
25551	82.15	74.00	16.20	1.022	1.406	155	1.42	0.00
25551	85.44	77.00	16.20	1.030	1.400	155	1.44	0.00

Water	Dry	Wet	Range	L/G	KaV/L	Fan	Evap.	Cold

flow GPM	bulb F	bulb %	F	-	-	power HP	%	water F
25551	72.56	65.30	19.80	1.010	1.415	157	1.61	0.00
25551	45.66	41.00	19.80	0.962	1.449	162	1.30	0.00
25551	48.98	44.00	19.80	0.967	1.445	162	1.35	0.00
25551	52.30	47.00	19.80	0.973	1.441	161	1.39	0.00
25551	55.63	50.00	19.80	0.978	1.437	160	1.43	0.00
25551	58.96	53.00	19.80	0.984	1.433	160	1.47	0.00
25551	62.28	56.00	19.80	0.990	1.429	159	1.50	0.00
25551	65.60	59.00	19.80	0.996	1.424	158	1.54	0.00
25551	68.92	62.00	19.80	1.002	1.420	158	1.57	0.00
25551	72.23	65.00	19.80	1.009	1.415	157	1.61	0.00
25551	75.54	68.00	19.80	1.016	1.410	156	1.64	0.00
25551	78.85	71.00	19.80	1.023	1.405	155	1.67	0.00
25551	82.15	74.00	19.80	1.031	1.400	154	1.70	0.00
25551	85.44	77.00	19.80	1.039	1.394	154	1.73	0.00

Water flow GPM	Dry bulb F	Wet bulb %	Range F	L/G -	KaV/L -	Fan power HP	Evap. %	Cold water F
25551	72.56	65.30	21.60	1.015	1.411	156	1.75	0.00
25551	45.66	41.00	21.60	0.968	1.445	162	1.44	0.00
25551	48.98	44.00	21.60	0.973	1.441	161	1.48	0.00
25551	52.30	47.00	21.60	0.978	1.437	160	1.52	0.00
25551	55.63	50.00	21.60	0.983	1.433	160	1.56	0.00
25551	58.96	53.00	21.60	0.989	1.429	159	1.60	0.00
25551	62.28	56.00	21.60	0.995	1.425	158	1.64	0.00
25551	65.60	59.00	21.60	1.001	1.421	158	1.67	0.00
25551	68.92	62.00	21.60	1.007	1.416	157	1.71	0.00
25551	72.23	65.00	21.60	1.014	1.412	156	1.75	0.00
25551	75.54	68.00	21.60	1.021	1.407	155	1.78	0.00
25551	78.85	71.00	21.60	1.028	1.402	155	1.81	0.00
25551	82.15	74.00	21.60	1.036	1.396	154	1.84	0.00
25551	85.44	77.00	21.60	1.044	1.391	153	1.88	0.00

Correction factors to match design point : KaV/L 0.932 Pr drop 1.000

ipp
03-10-1994 13:51:00
Example 6. Metric units. 6 flows

********** Cold Water Temperatures. F **********

Waterflow GPM 26431.72

Range F	Wet Bulbs F 41.00	47.00	53.00	59.00	65.00	71.00	77.00
18.00	1.00	2.00	3.00	4.00	5.00	6.00	
14.40	1.00	2.00	3.00	4.00	5.00	6.00	
16.20	1.00	2.00	3.00	4.00	5.00	6.00	
19.80	1.00	2.00	3.00	4.00	5.00	6.00	
21.60	1.00	2.00	3.00	4.00	5.00	6.00	

Waterflow GPM 22026.43

Range F	Wet Bulbs F 41.00	47.00	53.00	59.00	65.00	71.00	77.00
18.00	1.00	2.00	3.00	4.00	5.00	6.00	
14.40	1.00	2.00	3.00	4.00	5.00	6.00	
16.20	1.00	2.00	3.00	4.00	5.00	6.00	
19.80	1.00	2.00	3.00	4.00	5.00	6.00	
21.60	1.00	2.00	3.00	4.00	5.00	6.00	

Waterflow GPM 22907.49

Range F	Wet Bulbs F 41.00	47.00	53.00	59.00	65.00	71.00	77.00
18.00	1.00	2.00	3.00	4.00	5.00	6.00	
14.40	1.00	2.00	3.00	4.00	5.00	6.00	
16.20	1.00	2.00	3.00	4.00	5.00	6.00	
19.80	1.00	2.00	3.00	4.00	5.00	6.00	
21.60	1.00	2.00	3.00	4.00	5.00	6.00	

Waterflow GPM 23788.55

Range F	Wet Bulbs F 41.00	47.00	53.00	59.00	65.00	71.00	77.00
18.00	1.00	2.00	3.00	4.00	5.00	6.00	
14.40	1.00	2.00	3.00	4.00	5.00	6.00	
16.20	1.00	2.00	3.00	4.00	5.00	6.00	
19.80	1.00	2.00	3.00	4.00	5.00	6.00	
21.60	1.00	2.00	3.00	4.00	5.00	6.00	

Waterflow GPM 24669.6

Range F	Wet Bulbs F 41.00	47.00	53.00	59.00	65.00	71.00	77.00
18.00	1.00	2.00	3.00	4.00	5.00	6.00	
14.40	1.00	2.00	3.00	4.00	5.00	6.00	
16.20	1.00	2.00	3.00	4.00	5.00	6.00	
19.80	1.00	2.00	3.00	4.00	5.00	6.00	
21.60	1.00	2.00	3.00	4.00	5.00	6.00	

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03-10-1994 13:51:00
Example 6. Metric units. 6 flows

********** Cold Water Temperatures. F **********
Waterflow GPM 25550.66

	Wet Bulbs F					
Range F	41.00	47.00	53.00	59.00	65.00	71.00	77.00
18.00	1.00	2.00	3.00	4.00	5.00	6.00	
14.40	1.00	2.00	3.00	4.00	5.00	6.00	
16.20	1.00	2.00	3.00	4.00	5.00	6.00	
19.80	1.00	2.00	3.00	4.00	5.00	6.00	
21.60	1.00	2.00	3.00	4.00	5.00	6.00	

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03-10-1994 13:51:09
Example 6. Metric units. 6 flows

********** Cold Water Temperatures. F **********

Waterflow GPM 26431.72

Range F	41.00	47.00	53.00	59.00	65.00	71.00	77.00
	Wet Bulbs F						
18.00	1.00	2.00	3.00	4.00	5.00	6.00	
14.40	1.00	2.00	3.00	4.00	5.00	6.00	
16.20	1.00	2.00	3.00	4.00	5.00	6.00	
19.80	1.00	2.00	3.00	4.00	5.00	6.00	
21.60	1.00	2.00	3.00	4.00	5.00	6.00	

Waterflow GPM 22026.43

Range F	41.00	47.00	53.00	59.00	65.00	71.00	77.00
	Wet Bulbs F						
18.00	1.00	2.00	3.00	4.00	5.00	6.00	
14.40	1.00	2.00	3.00	4.00	5.00	6.00	
16.20	1.00	2.00	3.00	4.00	5.00	6.00	
19.80	1.00	2.00	3.00	4.00	5.00	6.00	
21.60	1.00	2.00	3.00	4.00	5.00	6.00	

Waterflow GPM 22907.49

Range F	41.00	47.00	53.00	59.00	65.00	71.00	77.00
	Wet Bulbs F						
18.00	1.00	2.00	3.00	4.00	5.00	6.00	
14.40	1.00	2.00	3.00	4.00	5.00	6.00	
16.20	1.00	2.00	3.00	4.00	5.00	6.00	
19.80	1.00	2.00	3.00	4.00	5.00	6.00	
21.60	1.00	2.00	3.00	4.00	5.00	6.00	

Waterflow GPM 23788.55

Range F	41.00	47.00	53.00	59.00	65.00	71.00	77.00
	Wet Bulbs F						
18.00	1.00	2.00	3.00	4.00	5.00	6.00	
14.40	1.00	2.00	3.00	4.00	5.00	6.00	
16.20	1.00	2.00	3.00	4.00	5.00	6.00	
19.80	1.00	2.00	3.00	4.00	5.00	6.00	
21.60	1.00	2.00	3.00	4.00	5.00	6.00	

Waterflow GPM 24669.6

Range F	41.00	47.00	53.00	59.00	65.00	71.00	77.00
	Wet Bulbs F						
18.00	1.00	2.00	3.00	4.00	5.00	6.00	
14.40	1.00	2.00	3.00	4.00	5.00	6.00	
16.20	1.00	2.00	3.00	4.00	5.00	6.00	
19.80	1.00	2.00	3.00	4.00	5.00	6.00	
21.60	1.00	2.00	3.00	4.00	5.00	6.00	

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03-10-1994 13:51:09
Example 6. Metric units. 6 flows

********** Cold Water Temperatures. F **********
Waterflow GPM 25550.66

	Wet Bulbs F					
Range F	41.00	47.00	53.00	59.00	65.00	71.00	77.00
18.00	1.00	2.00	3.00	4.00	5.00	6.00
14.40	1.00	2.00	3.00	4.00	5.00	6.00
16.20	1.00	2.00	3.00	4.00	5.00	6.00
19.80	1.00	2.00	3.00	4.00	5.00	6.00
21.60	1.00	2.00	3.00	4.00	5.00	6.00

M.R.L. Corporation
COOLING TOWER SPECIALISTS
15990, TRIPLE CROWN COURT.
FORT MYERS, FL 33912, USA.
Phone 813-481 [illegible], FAX 813-481 2866

From MARCEL R. LEFEVRE, to .....

Attention ..Mr. Aaron Nisson

We are sending you :

.....a demonstration program.....

- [ ] For your information.
- [ ] For your approval.
- [x] As requested/promised.
- [ ] Your comments please.

Date .....February 11, 1994

Signed ..Marcel Lefevre.....

IP7_039205

M.R.L Corporation
COOLING TOWER SPECIALISTS.

15990, TRIPLE CROWN COURT.
FORT MYERS, FL 33912, USA.
FAX (813) 481-2866
Phone (813) 481 9653

FACSIMILE TRANSMISSION.

Date MAR 9 1994
Number of pages, including this first page 4
TO INTERMOUTAIN POWER
Attention Mr/Mrs AARON NISSEN
FAX # 1-801-864 4970
Reference SOFTWARE

Message.
As requested
Price list
Brief description all programs
Manuel R Lafere

If not correctly received, call (813) 481 9653 or FAX at (813) 481 2866

M.R.L Corporation

15990 TRIPLE CROWN COURT
FORT MYERS, FL 33912, USA
TEL (813) 481 9653
FAX (813) 481 2866

COOLING TOWER SPECIALISTS

COMPUTER PROGRAM PRICE LIST.

IDCF	Induced Draft Counterflow.	$ 1,500
	same with proposal printing.	$ 2,000
IDXF	Induced Draft Crossflow.	$ 2,500
	same with proposal printing	$ 3,000
PC	Performance curve plotting.	$ 1,500
KAV/L	Counterflow demand curves plotting.	$ 1,000
KAH/L	Crossflow demand curve plotting.	$ 1,500
V O C	VOC stripper design. (Volatile Organic Compound removal)	$ 3,000
NDCF	Natural Draft Counterflow.	$ 3,000
NDXF	Natural Draft Crossflow.	in preparation.
CTItest	Test interpretation by CTI ATC-105 ATC-23 test codes.	$ 1,000

IDCF $1500
w/proposal printing

PC 1500

CTI test 1000

~~KAV/L~~

ustomary units and METRIC units.

by FAX for 1 year.

est to all program users are usually done as part of the free
her users.
can be done on a consulting basis.

n IBM compatibles computers. Standard version will work on
it math co-processor. Version for math co-processors orolder
est.
and 3 1/2 inch diskettes, please specify.

l the source codes are not provided. They allow 5 removal

ricting the use of the program by the original owner and his

AMS.

e. They work exactly as the actual program but the results
re added to the program name and plenty of warnings built-
ersions.

M.R.L Corporation

15990 TRIPLE CROWN COURT
FORT MYERS, FL 33912, USA
TEL (813) 481 9653
FAX (813) 481 2866

COOLING TOWER SPECIALISTS

COMPUTER PROGRAM PRICE LIST.

IDCF	Induced Draft Counterflow.	$ 1,500
	same with proposal printing.	$ 2,000
IDXF	Induced Draft Crossflow.	$ 2,500
	same with proposal printing	$ 3,000
PC	Performance curve plotting.	$ 1,500
KAV/L	Counterflow demand curves plotting.	$ 1,000
KAH/L	Crossflow demand curve plotting.	$ 1,500
V O C	VOC stripper design. (Volatile Organic Compound removal)	$ 3,000
NDCF	Natural Draft Counterflow.	$ 3,000
NDXF	Natural Draft Crossflow.	in preparation.
CTItest	Test interpretation by CTI ATC-105 and ASME PTC-23 test codes.	$ 1,000

S.

All programs are dual units : US customary units and METRIC units.

PORT and SERVICE.

Free technical support by phone or by FAX for 1 year.

OMIZING.

Minor customizing changes of interest to all program users are usually done as part of the free service and made available to other users.

Other changes, proprietary or not, can be done on a consulting basis.

I WARE.

All programs are compiled for use on IBM compatibles computers. Standard version will work on 2 and 486 processors, with or without math co-processor. Version for math co-processors orolder 8 3086 processors available on request.

The programs are available on 5 1/4 and 3 1/2 inch diskettes, please specify.

A EMENT.

programs are copy protected and the source codes are not provided. They allow 5 removal in nlimited number of uses.

agreement has to be signed, restricting the use of the program by the original owner and his fu mployees only.

D NSTRATION PROGRAMS.

monstration programs are available. They work exactly as the actual program but the results are ely incorrect. The two letters DM are added to the program name and plenty of warnings built-in nt inadvertent use of the DEMO versions.

MRL june 1993

M.R.L. Corporation

COOLING TOWER SPECIALISTS.

15990, TRIPLE CROWN COURT.
FORT MYERS, FL 33912, USA.
FAX (813) 481-2866
PHONE (813) 481-9653

BRIEF PROGRAM DESCRIPTIONS.

IDCF

This program is a multipurpose counterflow design program.

Input and output can be in US or metric units.

The data for each calculation is stored on the disk drive of your choice and can be retrieved for future use.

The user enters, or more exactly edits, the tower, fill, drift eliminators and fan dimensions and characteristics.

For the thermal data, depending on the data entered, the user has 4 options.

- Calculate cold water temperature.
- Calculate fan horsepower required.
- Calculate water flow the tower is capable of cooling.
- Calculate tower capability. (CTI definition.)

The program will calculate whichever value is left zero in the input data menu.

KaV/L and pressure drop data for approximately 30 different fills is already built into the program and there is room for the user to enter the data for 20 more fills of his choice.

The output gives all the calculation details in US and/or metric units.

IDXF

This program is similar to the IDCF program, for crossflow cooling tower design.

FDCF

This program has the same features as the IDCF 3.x for Forced Draft Cooling Towers. There are 6 options for the fan type and method of entering fan data:

1. Centrifugal fan, single inlet, static efficiency known.
2. Same, static efficiency unknown. Enter dimensions and total efficiency.
3. Centrifugal fan, double inlet, static efficiency known.
4. Same, static efficiency unknown. Enter fan discharge dimensions and total efficiency.
5. Axial (propeller) fan, fan static efficiency known.
6. Axial (propeller) fan, static efficiency unknown, enter discharge dimensions and total efficiency.

(US units only. Dual unit version in preparation.)

PC

This program calculates and displays counterflow (and crossflow) cooling tower performance curves, as required for CTI tests. It works on CGA, EGA and VGA monitors. Units are US or metric for input and output.

The curves can then be printed (dumped) on any DOT matrix printer with graphic capability and most laser printer.

Depending on the type of graphic adapter and printer available, the graphic dump can be done simply using the GRAPHICS DOS program or may require commercially available, inexpensive, GRAPHICS dump program.

If you have a plotter available, future versions of the program will have the capability to plot in HPGL format.

MRL Corporation. Brief program descriptions. Page 2.

CTItest This "Test Interpretation" program makes cooling tower test interpretation easy. It calculates the tower capability, based on tests results, by according to the CTI ATP-105 or ASME PTC-23 test code. The manufacturer's performance code method or the CTI characteristics method can be used. It generates a printed report sheet, including the characteristics curves needed for the report. (Presently, US units only.)

KaV/L

This program displays and gives you the capability to print, using screen graphics dump capability, any counterflow demand curves. It is like having a thousand CTI blue books, as it can gives you any set of curves for any wet bulb, range and approach. In addition, it will work for any altitude, not just sea level. It has the added capability to add the tower "characteristics" curve, so it can be used to generate the curves specified for CTI tests interpretation by the characteristics curve method.

Graphs limits can be selected automatically or by the user, to increase readability or "zoom in" on details. (Units US and metric)

KaH/I Same features as KaV/I program but for crossflow towers.

NDCF Natural Draft CounterFlow performance program. Calculates the performance of any natural draft counterflow tower. It accepts as many as 16 different fill types, fill depths, water loading in the same tower and determine air velocity distribution in each sector. Heat transfer calculations account for heat transfer in the rain zone and also determine water temperatures in each sectors.

This program is ideally suited to determine retrofit and upgrading capability for existing towers but can be used for new towers as well.

NDXF Same as NDCF for crossflow towers. (In ~~preparation~~.) ready

Units Except as indicated, the programs are dual units versions. They accept metric and US units for input and can print results in either system.

IP7_039210

Hudson Products Corporation
a McDermott company

Post Office Box 36100
Houston, TX 77236
801 N. Eldridge
Houston, TX 77079
Direct (713) 870-5906
Fax (713) 870-5992

Lynn Bennett
Fans and Parts Sales Supervisor

March 10, 1994

Intermountain Power Company
850 West Rush Wellman road
Rt 1, Box 864
Delta, UT 84624

Attention Mr. Arron Nissen, Plant Engineer

Subject: HUDSON PRODUCTS CORPORATION TUFLITE FAN COMPUTER RATING PROGRAM

Dear Mr. Nissen:

In response to your request, we are enclosing a copy of the Hudson Products Corporation TUFLITE fan computer rating program. Please note that each program has a serial number on it and our records will show that this program was issued to you and we will issue any future program updates to you as they occur.

The program is designed to run on an IBM or IBM compatible computer using Microsoft DOS operating system, Rev. 3.0 or higher, with a CGA or better video card. The enclosed package includes the same program on both 5 1/4" 360K floppy disk and 3 1/2" 744K floppy disk, for your convenience. The instruction manual enclosed describes how to set-up the program and the input variables.

Please notify us if you have any problems with the program. We thank you for your continued interest in Hudson Products Corporation fan products and look forward to working with you in the future.

Very truly yours,

HUDSON PRODUCTS CORPORATION

Lynn Bennett

Lynn Bennett
Fans and Parts Sales Supervisor

/llb
enclosure