

NC[®]SERIES

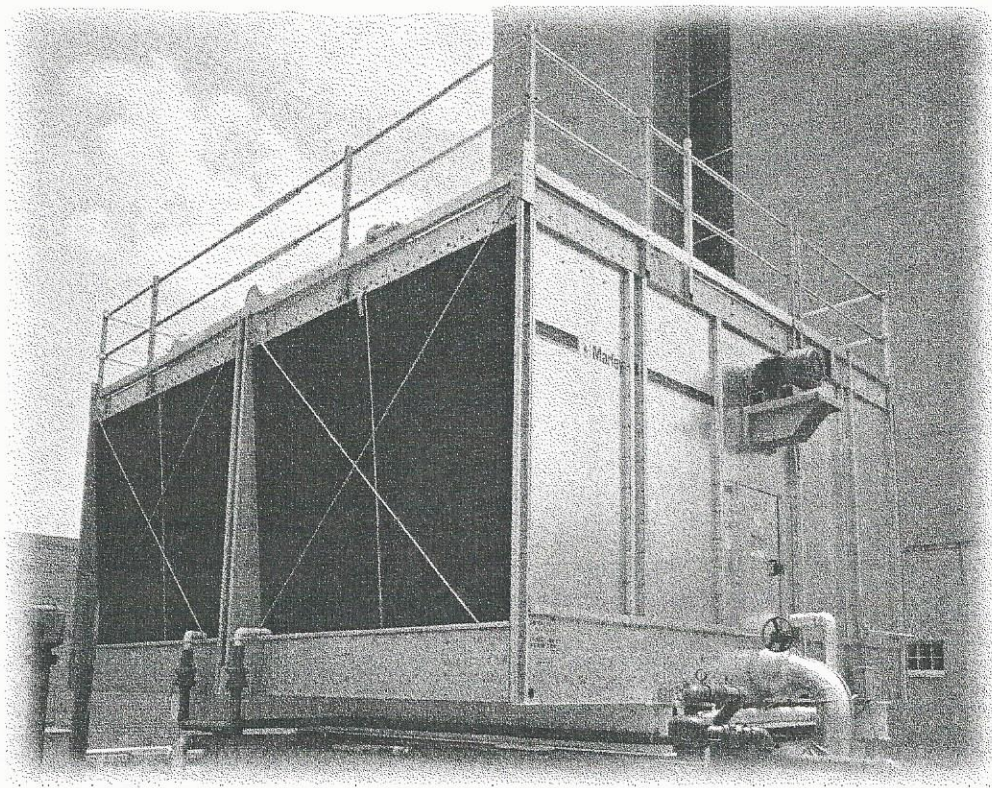
MODEL #: NC9263SM-00
S/N: 174055-003,002,001

ALL S-S CONSTRUCTION

VR: 2000

1,000 TONS

3,000 GPM



Technical Reference



Marley



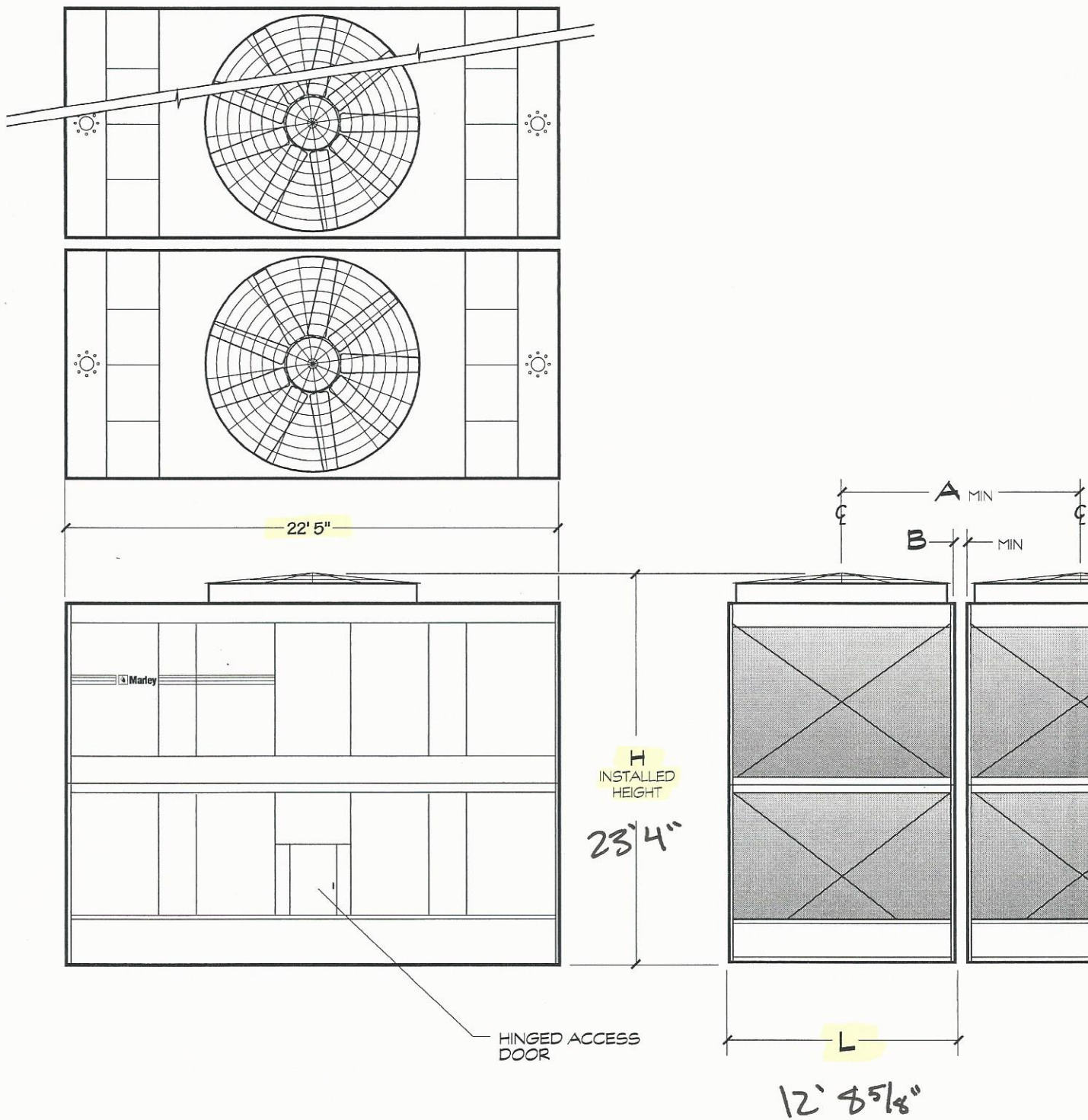
Tower Model	Motor bhp	temp	GPM cooling capability at indicated Hot Water, Cold Water and Wet-Bulb temperatures											
		HW ° F	95	96	100	102	95	97	100	102	95	97	100	102
		CW ° F	85	86	85	87	85	87	85	87	85	87	85	87
		WB ° F	80	80	80	80	78	78	78	78	76	76	76	76
NC8201	25		1542	1730	1267	1554	1833	2173	1486	1753	2088	2404	1679	1931
NC8211	30		1636	1835	1345	1648	1944	2303	1577	1859	2213	2547	1781	2047
NC8221	40		1784	2000	1467	1797	2118	2506	1720	2026	2409	2768	1942	2230
NC8231	50		1973	2206	1627	1988	2334	2748	1903	2235	2645	3025	2144	2454
NC8241	60		2065	2309	1703	2080	2442	2875	1992	2339	2767	3164	2243	2567
NC9201	25		1704	1907	1404	1717	2019	2385	1643	1932	2293	2632	1852	2124
NC9211	30		1787	2001	1472	1800	2118	2502	1723	2027	2406	2762	1943	2229
NC9221	40		1984	2218	1637	1998	2346	2763	1913	2247	2659	3043	2155	2467
NC9231	50		2111	2360	1741	2126	2496	2939	2036	2390	2828	3235	2293	2624
NC9241	60		2258	2519	1869	2275	2661	3119	2180	2551	3005	3424	2449	2794
NC9251	75		2403	2676	1993	2420	2823	3295	2321	2709	3178	3498*	2603	2961
NC9261	75		2562	2847	2130	2580	3000	3486	2476	2881	3367	3498*	2771	3142
NCC201	25		1902	2132	1569	1917	2259	2682	1834	2160	2575	2974	2070	2380
NCC211	30		2007	2248	1655	2022	2382	2826	1935	2278	2714	3131	2183	2509
NCC221	40		2209	2473	1822	2225	2619	3101	2130	2506	2979	3430	2402	2757
NCC231	50		2407	2693	1987	2425	2850	3367	2321	2728	3237	3591*	2615	2999
NCC241	60		2437	2730	2007	2455	2892	3427	2349	2766	3292	3792	2651	3045
NCC251	75		2619	2933	2160	2639	3105	3672	2526	2971	3529	4057	2848	3268
NCC261	75		2819	3135	2344	2839	3306	3857	2723	3173	3721	4100*	3050	3466

• Thermal performance of the NC Series has been certified by CTI (Cooling Tower Institute) in accordance with CTI Standard STD-201(96), and has been assigned CTI certification validation number 92-14-01.

• CTI Certification under STD-201(96) applies ONLY to selections with entering water temperature of 125°F or less, temperature ranges of 4°F or more, temperature approaches of 5°F or more, and wet bulb temperatures between 60°F and 85°F.

* Indicates maximum hydraulic limit.

TOWER SCHEMATIC



Tower Model Note 2	Nominal Tons Note 3	DIMENSIONS				Design Operating Wt/Cell lb	Motor hp	Shipping Weight lb	
		L	H	A	B			Weight/Cell	Heaviest Section
NC8201	611	10'-10 3/4" 3321mm	19'-9 3/4" 6039mm	11'-2 1/4" 3410mm	3 1/2" 89mm	33,014	25	15,337	8,338
NC8211	648					33,076	30	15,399	8,400
NC8221	706					33,219	40	15,542	8,543
NC8231	778					33,285	50	15,608	8,609
NC8241	814					33,557	60	15,880	8,881
NC9201	673	11'-10 3/4" 3626mm	19'-9 3/4" 6039mm	12'-2 1/4" 3715mm	3 1/2" 89mm	35,689	25	16,335	8,838
NC9211	706					35,751	30	16,397	8,900
NC9221	782					35,815	40	16,461	8,964
NC9231	832					35,881	50	16,527	9,030
NC9241	887					36,153	60	16,799	9,302
NC9251	941					36,292	75	16,938	9,441
NC9261	1,000	12'-8 3/8" 3877mm	23'-4" 7112mm	12'-9 1/2" 3899mm	10 3/4" 273mm	36,372	75	17,018	9,521
NCC201	753	13'-10 3/4" 4236mm	19'-9 3/4" 6039mm	14'-2 1/4" 4325mm	3 1/2" 89mm	41,545	25	18,905	9,997
NCC211	794					41,607	30	18,967	10,059
NCC221	873					41,751	40	19,110	10,202
NCC231	950					41,817	50	19,176	10,268
NCC241	964					42,299	60	19,658	10,750
NCC251	1035					42,354	75	19,718	10,810
NCC261	1,102	13'-10 3/4" 4236mm	23'-4" 7112mm	14'-2 1/4" 4325mm	3 1/2" 89mm	42,451	75	19,810	10,902

NOTE

- 1 Use this bulletin for preliminary layouts only. Obtain current drawings from your Marley sales representative. All table data is per cell.
- 2 Last numeral of model number indicates number of cells. Change as appropriate for your selection.
- 3 Nominal tons are based upon 95°F HW, 85°F CW, 78°F WB and 3 GPM/ton.
- 4 Standard overflow is a 4" dia. standpipe in the collection basin floor. The standpipe removes for flush-out and draining. See page 16 for side overflow option.
- 5 Outlet sizes vary according to GPM and arrangement. See pages 16 and 17 for outlet sizes and details.
- 6 Makeup water connection may be 1" or 2" dia., depending upon tower heat load, water pressure, and desired connections. See page 11 for additional information.

THE MARLEY COOLING TOWER COMPANY
OVERLAND PARK, KS USA 913-664-7400

SERIAL NUMBER

174055-002 NC92633M-00

MADE IN U.S.A.

ALL MODELS OF WATER COOLING TOWERS MANUFACTURED,
RECONSTRUCTED BY THE MARLEY COOLING TOWER COMPANY. THIS COOLING
TOWER HAS BEEN MANUFACTURED, RECONSTRUCTED OR RECONSTRUCTED UNDER ONE OR
MORE OF THE FOLLOWING U.S. PATENTS:

4700893	4788013	5123814	5348692
4712697	4801410	5147583	5364569

COOLING TOWER

THE MARLEY COOLING TOWER COMPANY
OVERLAND PARK, KS USA 913-664-7400

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4514202	4700893	4788013	5123814	5348692
4524873	4712697	4801410	5147583	5364569

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