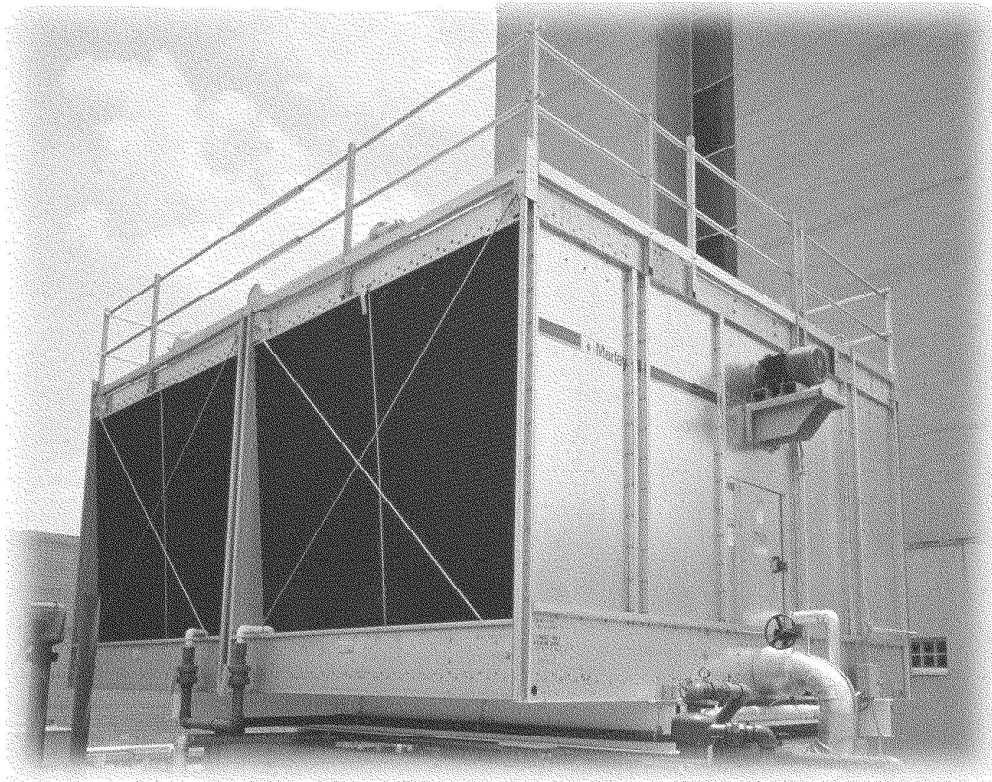


NC[®]SERIES

Model #: NC2211CS
Serial #: 159901-001-00

Year: 2000
Size: 200 Ton



Operating Weight: 11,615 lbs
Shipping Weight: 5,358 lbs

L: 15' 6"
W: 7' 10 3/4"
H: 10' 2 3/8"

Technical Reference



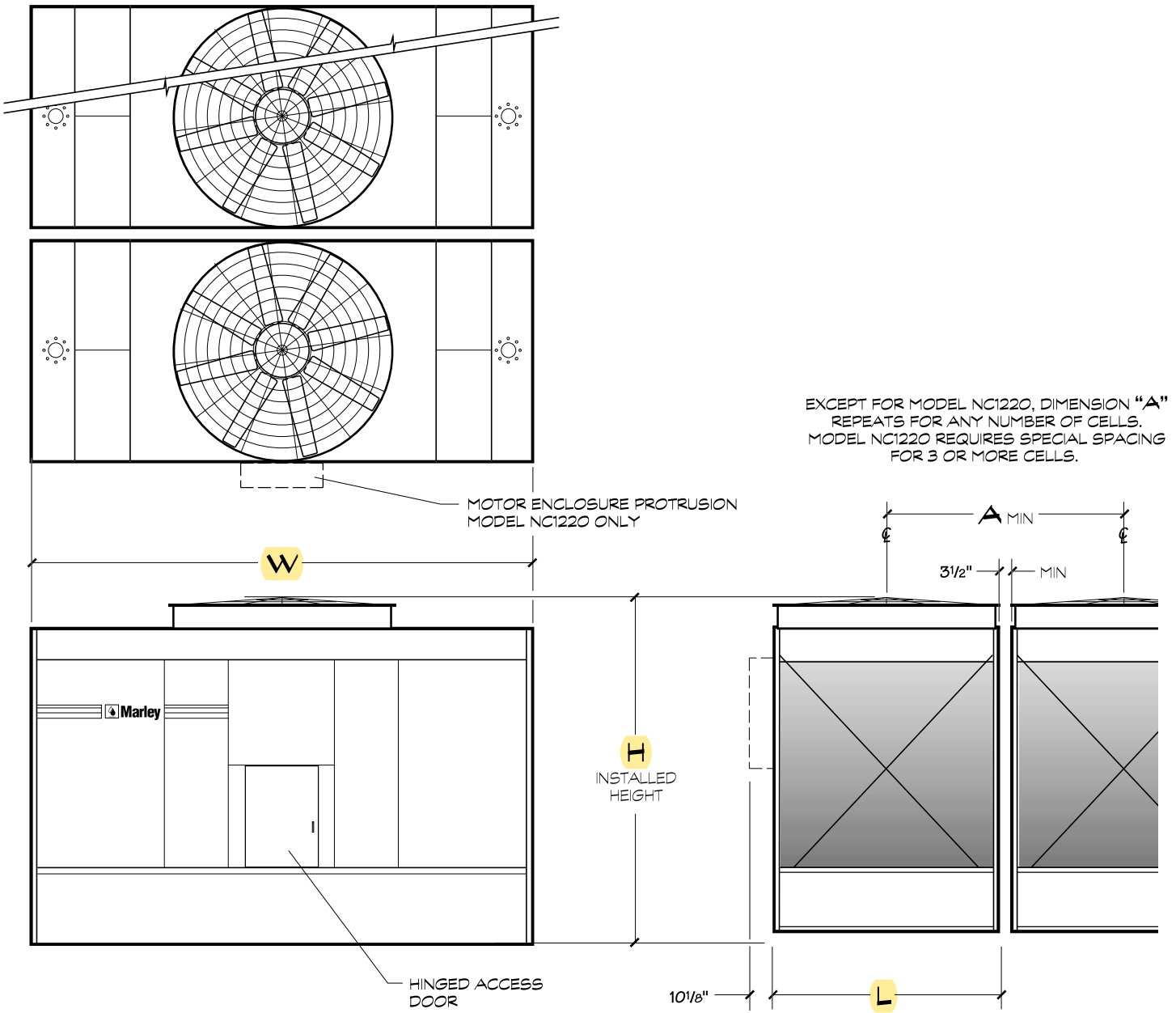
Marley

TOWER MODEL SELECTION



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
NC1201	5		334	379	268	336	405	490	320	384	469	551	367	428
NC1211	7.5		379	430	305	381	459	555	364	436	531	623	416	485
NC1221	10		414	469	333	416	501	605	397	476	580	680	454	530
NC2201	7.5		450	511	362	453	546	660	432	518	632	741	495	578
NC2211	10		503	570	405	506	609	736	482	578	705	826	552	644
NC2221	15		565	641	455	568	684	826	542	649	791	928	620	723
NC3201	10		563	637	457	567	678	815	541	645	781	912	616	716
NC3211	15		646	730	524	650	777	933	621	739	895	1043	707	820
NC3221	20		701	792	569	705	843	1012	673	802	971	1132	767	890
NC4201	15		779	877	636	784	933	1115	750	889	1070	1242	851	984
NC4211	20		849	956	692	854	1017	1215	817	969	1167	1354	928	1072
NC4221	25		909	1024	741	915	1089	1301	875	1037	1249	1448	993	1148
NC5201	20		1002	1134	815	1010	1209	1463	963	1150	1399	1646	1098	1280
NC5211	25		1074	1215	873	1082	1296	1568	1033	1233	1499	1764	1177	1372
NC5221	30		1118	1266	909	1127	1350	1634	1075	1284	1562	1838	1226	1430
NC5231	40		1246	1410	1014	1256	1503	1817	1198	1430	1737	2042	1366	1591
NC6201	25		1185	1338	967	1194	1425	1717	1140	1357	1643	1924	1297	1507
NC6211	30		1255	1417	1024	1265	1509	1817	1208	1437	1739	2036	1374	1596
NC6221	40		1368	1544	1117	1379	1644	1977	1317	1566	1893	2214	1497	1738
NC7201	25		1256	1415	1028	1266	1503	1799	1209	1434	1724	2005	1372	1587
NC7211	30		1327	1494	1085	1337	1587	1899	1277	1515	1820	2116	1448	1676
NC7221	40		1440	1621	1178	1451	1722	2058	1386	1644	1973	2292	1572	1818
NC7231	50		1557	1750	1277	1569	1857	2213	1500	1774	2123	2458	1698	1958
NC7241	55		1587	1786	1299	1600	1896	2262	1529	1810	2169	2515	1732	2000
NCA2A1	25		1323	1493	1081	1333	1590	1917	1273	1514	1834	2153	1448	1682
NCA2B1	30		1419	1601	1160	1429	1704	2052	1366	1623	1964	2302	1552	1802
NCA2C1	40		1549	1747	1265	1560	1860	2240	1490	1772	2144	2510	1694	1967
NCA201	25		1389	1567	1136	1399	1668	2008	1337	1589	1922	2252	1519	1764
NCA211	30		1477	1666	1207	1488	1773	2134	1421	1689	2043	2391	1615	1874
NCA221	40		1628	1836	1331	1640	1953	2347	1567	1861	2247	2626	1780	2064
NCB2A1	25		1404	1580	1150	1415	1677	2003	1352	1601	1920	2230	1532	1770
NCB2B1	30		1501	1687	1229	1512	1791	2136	1445	1710	2049	2376	1637	1889
NCB2C1	40		1623	1826	1328	1636	1938	2312	1563	1851	2217	2570	1771	2044
NCB2D1	50		1702	1914	1394	1715	2031	2420	1639	1940	2321	2688	1857	2142
NCB201	25		1468	1654	1201	1480	1758	2106	1413	1677	2017	2349	1604	1857
NCB211	30		1555	1751	1272	1567	1860	2225	1497	1775	2133	2479	1698	1964
NCB221	40		1697	1910	1388	1710	2028	2423	1633	1936	2323	2695	1852	2140
NCB231	50		1778	2004	1452	1792	2130	2551	1711	2032	2444	2843	1943	2250
NCB241	60		1880	2118	1536	1894	2250	2691	1809	2147	2579	2995	2053	2376

TOWER SCHEMATIC



Tower Model Note 2	Nominal Tons Note 3	DIMENSIONS				Motor hp	Design Operating Wt/Cell lb	Shipping Weight lb
		W	L	H	A			
NC1201	135	14'-0" 4268mm	6'-4 3/4" 1950mm	10'-1 5/8" 3090mm	6'-8 1/4" 2039mm	5	9,129	4,541
NC1211	153					7 1/2	9,180	4,591
NC1221	167					10	9,298	4,709
NC2201	182	15'-6" 4725mm	7'-10 3/4" 2407mm	10'-2 3/8" 3109mm	8'-2 1/4" 2496mm	7 1/2	11,589	5,332
NC2211	203					10	11,615	5,358
NC2221	228					15	11,699	5,442
NC3201	226	15'-6" 4725mm	7'-10 3/4" 2407mm	11'-11 1/4" 3638mm	8'-2 1/4" 2496mm	10	12,021	5,764
NC3211	259					15	12,104	5,848
NC3221	281					20	12,165	5,909
NC4201	311	17'-0" 5182mm	8'-10 3/4" 2712mm	12'-11 3/4" 3956mm	9'-2 1/4" 2801mm	15	14,615	6,940
NC4211	339					20	14,692	7,017
NC4221	363					25	14,749	7,074
NC5201	403	18'-9" 5715mm	10'-10 3/4" 3321mm	12'-11 3/4" 3956mm	11'-2 1/4" 3410mm	20	19,275	8,980
NC5211	432					25	19,353	9,059
NC5221	450					30	19,415	9,121
NC5231	501	19'-10" 6046mm	11'-10 3/4" 3626mm	12'-11 3/4" 3956mm	12'-2 1/4" 3715mm	40	19,681	9,387
NC6201	475					25	21,834	10,021
NC6211	503					30	21,896	10,083
NC6221	548	22'-5" 6833mm	11'-10 3/4" 3626mm	13'-3 3/4" 4058mm	12'-2 1/4" 3715mm	40	22,039	10,226
NC7201	501					25	26,315	11,257
NC7211	529					30	26,377	11,319
NC7221	574	22'-5" 6833mm	13'-10 3/4" 4236mm	12'-11 3/4" 3956mm	14'-2 1/4" 4325mm	40	26,520	11,462
NC7231	619					50	26,586	11,528
NC7241	632					60	26,858	11,800
NCA2A1	530	22'-5" 6833mm	13'-10 3/4" 4236mm	12'-11 3/4" 3956mm	14'-2 1/4" 4325mm	25	27,314	12,048
NCA2B1	568					30	27,376	12,110
NCA2C1	619					40	27,729	12,463
NCA201	556	22'-5" 6833mm	13'-10 3/4" 4236mm	12'-11 3/4" 3956mm	14'-2 1/4" 4325mm	25	27,211	11,945
NCA211	591					30	27,273	12,007
NCA221	651					40	27,416	12,150
NCB2A1	559	22'-5" 6833mm	13'-10 3/4" 4236mm	13'-3 3/4" 4058mm	14'-2 1/4" 4325mm	25	30,659	13,063
NCB2B1	597					30	30,721	13,125
NCB2C1	646					40	31,074	13,478
NCB2D1	677	22'-5" 6833mm	13'-10 3/4" 4236mm	13'-3 3/4" 4058mm	14'-2 1/4" 4325mm	50	31,140	13,544
NCB201	586					25	30,556	12,960
NCB211	620					30	30,618	13,022
NCB221	676	22'-5" 6833mm	13'-10 3/4" 4236mm	13'-3 3/4" 4058mm	14'-2 1/4" 4325mm	40	30,761	13,165
NCB231	710					50	31,180	13,584
NCB241	750					60	31,452	13,856

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.