

Model #: NC8305BG-09  
Serial #: 10004404-A1

2009  
431 Tons

/ **Marley NC<sup>®</sup> Class** Cooling Tower /

*Engineering Data*



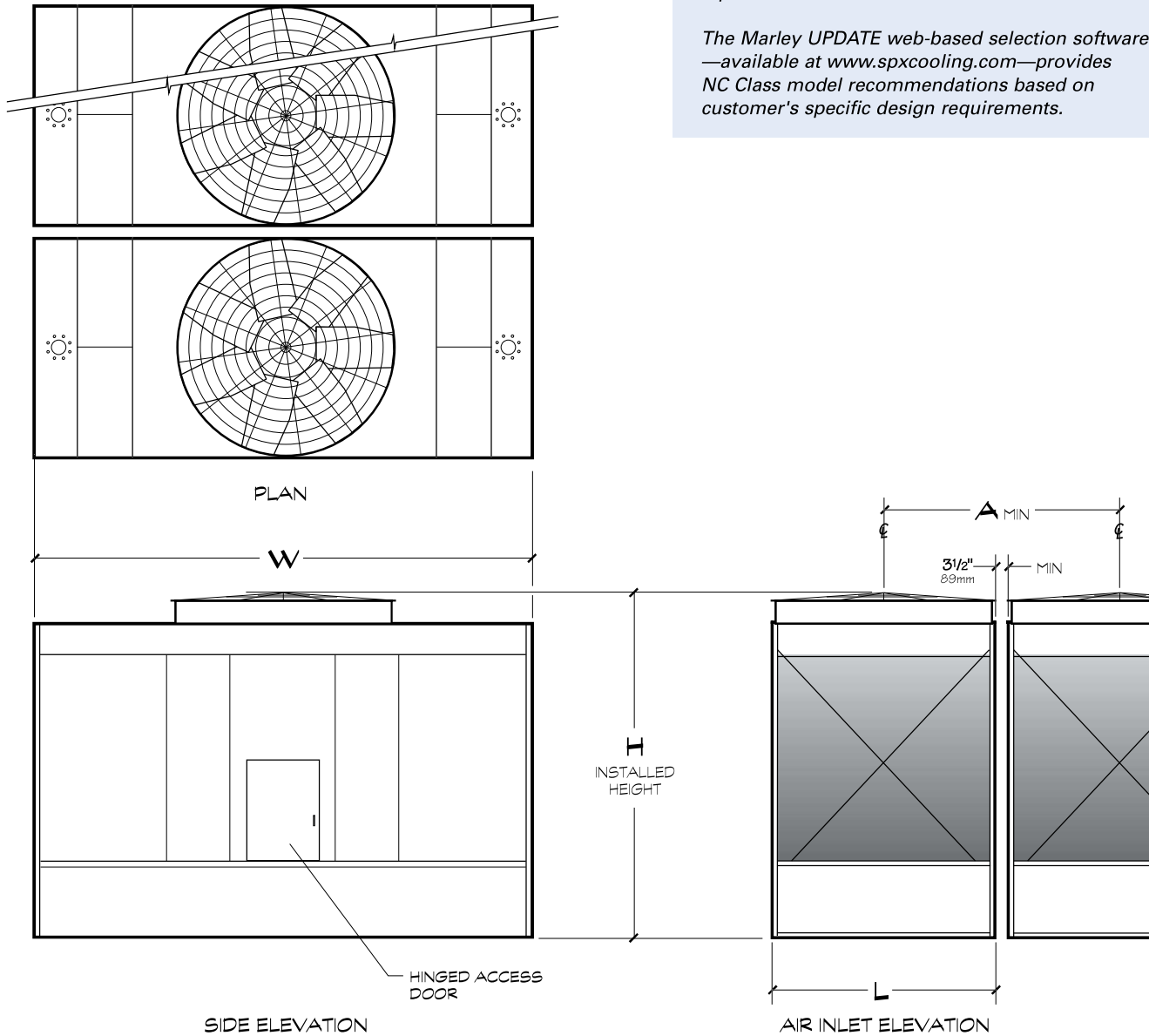
L: 10' 11"  
W: 18' 9"  
H: 13' 0"

Operating Weight: 19,486 lbs  
Shipping Weight: 9,191 lbs

NC8304 NC8305

Use this data for preliminary layouts only.  
Obtain current drawing from your Marley sales representative.

The Marley UPDATE web-based selection software—available at [www.spxcooling.com](http://www.spxcooling.com)—provides NC Class model recommendations based on customer's specific design requirements.



NC8304 NC8305

Model note 2	Nominal Tons note 3	Motor hp	dBA 5'-0" from air inlet face	Design Operating Weight lb	Shipping Weight lb	Dimensions			
						L	W	H	A
NC8304BL-1	217	5	65	14699	7024	8'-11"	17'-0"	13'-0"	9'-2"
NC8304CL-1	247	7.5	66						
NC8304D-1	270	10	72						
NC8304DL-1	271	10	68						
NC8304E-1	310	15	76						
NC8304EL-1	311	15	72						
NC8304F-1	339	20	77						
NC8304FL-1	339	20	73						
NC8304G-1	362	25	82						
NC8304GL-1	363	25	76						
NC8304H-1	370	30	83						
NC8304HL-1	372	30	77						
NC8305CL-1	281	7.5	66	19486	9191	10'-11"	18'-9"	13'-0"	11'-2"
NC8305D-1	316	10	72						
NC8305DL-1	312	10	68						
NC8305E-1	363	15	76						
NC8305EL-1	366	15	72						
NC8305F-1	403	20	77						
NC8305FL-1	393	20	73						
NC8305G-1	431	25	82						
NC8305GL-1	431	25	76						
NC8305H-1	453	30	83						
NC8305HL-1	450	30	77						
NC8305J-1	501	40	86						
NC8305JL-1	483	40	80						
NC8305K-1	520	50	87						

**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. The Marley **UPDATE** web-based selection software provides NC Class model recommendations based on specific design requirements.
- 4 Standard overflow is a 4" dia. standpipe in the collection basin floor. The standpipe removes for flush-out and draining. See page 22 for side overflow option.
- 5 Outlet sizes vary according to GPM and arrangement. See pages 22 and 23 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 17 for additional information.