

Model #: AV63022C
Serial #: 810283-A2

Size: 232 Tons
Year: 2006

/ AV Series Cooling Tower /

Engineering Data & Specifications



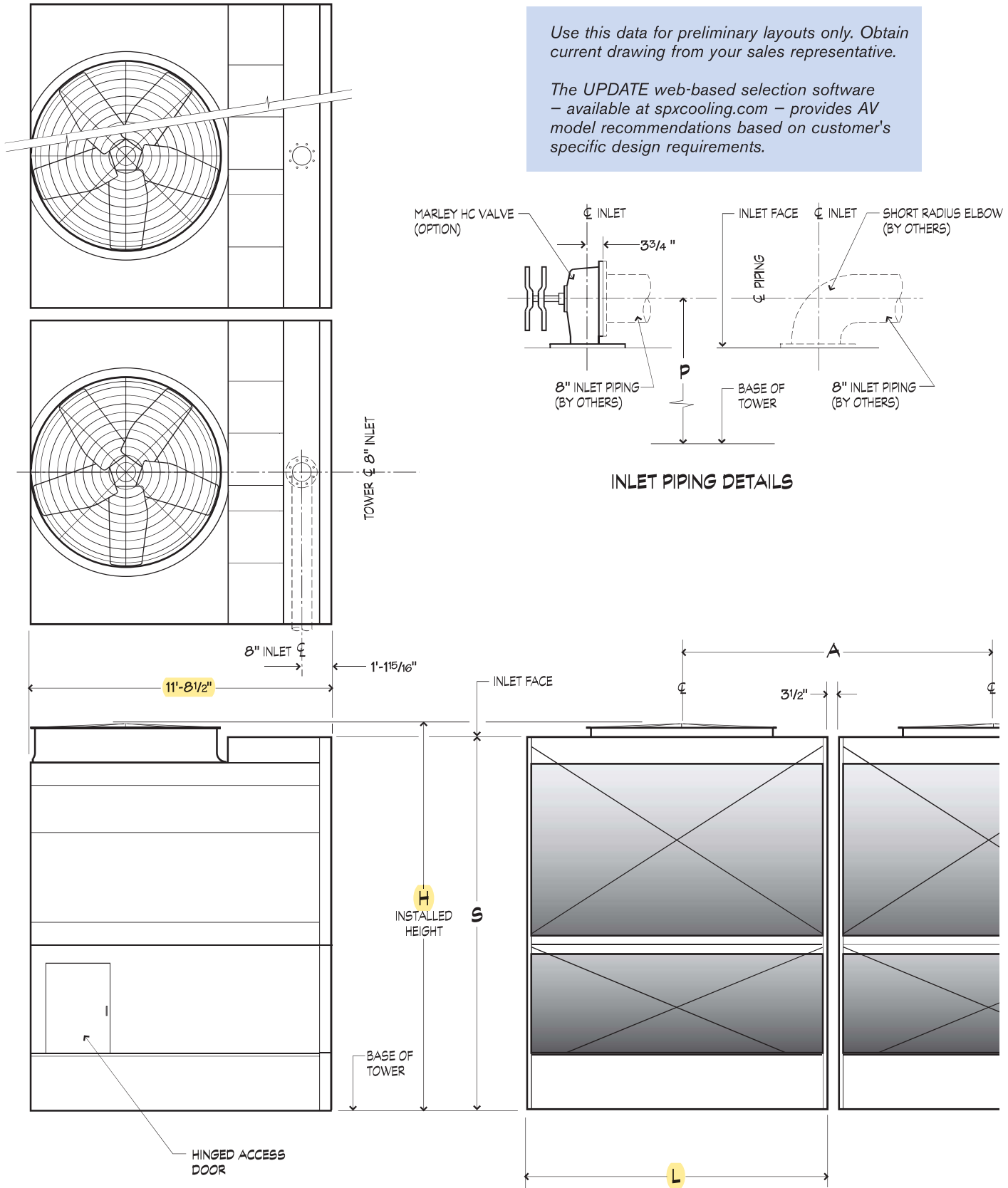
Shipping Weight: 5,726 lbs
Operating Weight: 10,197 lbs

L: 11' 8 1/2"
W: 8' 4"
H: 15' 1 11/16"



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

The UPDATE web-based selection software – available at spxcooling.com – provides AV model recommendations based on customer's specific design requirements.



Tower Model Note 2	Nominal Tons Note 3	Dimensions					Motor hp	Design Operating Wt/Cell lb	Shipping Weight lb	
		L	H	A	S	P			Weight/ Cell	Heaviest Section
AV61001	117	8'-4"	12'-3 ¹ / ₁₆ "	8'-7 ¹ / ₂ "	11'-6 ¹ / ₁₆ "	12'-3 ¹⁵ / ₁₆ "	3	8078	4237	–
AV61011	138						5	8126	4276	–
AV61021	157						7 ¹ / ₂	8156	4306	–
AV61031	167						10	8335	4485	–
AV61041	195						15	8435	4585	–
AV62001	172	11'-10"	12'-3 ³ / ₁₆ "	12'-1 ¹ / ₂ "	11'-6 ¹ / ₁₆ "	12'-3 ¹⁵ / ₁₆ "	5	10771	5308	–
AV62011	193						7 ¹ / ₂	10801	5338	–
AV62021	213						10	10829	5366	–
AV62031	229						15	11168	5706	–
AV62041	259						20	11212	5749	–
AV62051	275	25	11314	5851	–					
AV63001	190	8'-4"	15'-2 ¹ / ₁₆ "	8'-7 ¹ / ₂ "	14'-6 ³ / ₁₆ "	15'-3 ³ / ₁₆ "	7 ¹ / ₂	9893	5421	3066
AV63011	204						10	9920	5448	3093
AV63021	232						15	10197	5726	3285
AV63031	248						20	10278	5807	3366
AV63041	264						25	10370	5899	3458
AV64001	201	8'-4"	16'-7 ¹⁵ / ₁₆ "	8'-7 ¹ / ₂ "	15'-11 ¹ / ₁₆ "	16'-8 ¹ / ₁₆ "	7 ¹ / ₂	10467	5688	3066
AV64011	217						10	10494	5715	3093
AV64021	246						15	10785	6002	3285
AV64031	263						20	10865	6087	3365
AV64041	285						25	10958	6180	3458
AV64051	302	30	11024	6246	3524					
AV65001	242	9'-10"	16'-7 ¹⁵ / ₁₆ "	10'-1 ¹ / ₂ "	15'-11 ¹ / ₁₆ "	16'-8 ¹ / ₁₆ "	10	11976	6386	3470
AV65011	270						15	12076	6486	3570
AV65021	288						20	12402	6813	3771
AV65031	311						25	12506	6917	3875
AV65041	329						30	12541	6952	3910
AV65051	345	40	12709	7120	4078					
AV66001	279	11'-10"	15'-2 ¹ / ₁₆ "	12'-1 ¹ / ₂ "	14'-6 ³ / ₁₆ "	15'-3 ³ / ₁₆ "	15	13263	6901	3947
AV66011	305						20	13335	6973	4019
AV66021	322						25	13710	7347	4262
AV66031	343						30	13743	7380	4295
AV66041	355						40	13912	7549	4464
AV67001	293	11'-10"	16'-7 ¹⁵ / ₁₆ "	12'-1 ¹ / ₂ "	15'-11 ¹ / ₁₆ "	16'-8 ¹ / ₁₆ "	15	14009	7224	3947
AV67011	320						20	14081	7296	4019
AV67021	344						25	14186	7401	4124
AV67031	365						30	14510	7724	4295
AV67041	390						40	14679	7894	4464

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. connection in the collection basin wall on the air inlet side of the tower. A 3" dia. drain connection is located below the overflow. See page 7 for details
- 5 Outlet sizes vary according to GPM and arrangement. See pages 6 and 7 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 6 for additional information.