



12' & 18' Tower Series Spec Sheet

12' & 18' VACUUM COOL TOWER DRYERS

Capacities from 2,000 to 4,000 bushels/hour

	MODELS	2000	2250	3000	3500	4000
Dimensions						
Diameter		11'-8"	11'-8"	17'-6"	17'-6"	17'-6"
Diameter with Walkways		17'-9"	17'-9"	23'-2"	23'-2"	23'-2"
Overall Height		75'-9"	87'-9"	82'-11"	88'-11"	97'-11"
Grain Wall Height		65'-4"	77'-4"	70'-5"	76'-5"	85'-5"
Grain Column Width		12"	12"	12"	12"	12"
Drying C.F.M.						
		90,000	109,000	153,000	165,000	193,000
Cooling C.F.M.						
		45,000	54,500	73,440	79,200	92,640
Motor Sizes (H.P.)						
Fan		100	100	(3) - 50	(3) - 60	(3) - 75
Unload (AC Inverter Drive)		5	5	3	3	3
Total Running Amps						
230 Volts - 3 phase		320	320	434	538	574
460 Volts - 3 phase		166	166	224	276	293
Burner Capacities (BTUs)						
Normal Operating		11,880,000	14,390,000	20,200,000	21,780,000	25,480,000
Maximum		21,780,000	26,380,000	33,660,000	36,300,000	42,460,000
Drying Capacities (bushels/hour) *						
20%-15%		2,000	2,250	3,000	3,500	4,000
25%-15%		1,200	1,450	1,800	2,100	2,400
Holding Capacities (bushels)						
Heat Holding		1,211	1,453	2,062	2,312	2,562
Cool Holding		485	566	871	871	996
Total Column Holding		1,696	2,019	2,933	3,183	3,558
Total Dryer Holding		1,945	2,268	3,698	3,948	4,323

*Actual drying rate will vary depending upon weather conditions, hybrid variety, fertilization program, grain maturity, operating temperatures, discharge grain temperatures and other uncontrolled variables. Specifications subject to change without notice. ** Grain discharged hot from the dryer at 17.5% moisture should result in a final moisture content of 15% after cooling (dryeration).