

GSI Drying Systems

1999 TOP DRY SPECIFICATIONS

AUTOFLOW AND BATCH SERIES



a division of
THE GSI GROUP



TOP DRY SPECS

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TOP DRY BATCH SERIES

DRYING RATES FOR SHELLED CORN

BATCH SERIES			18' Dia. 1-Fan		21' Dia. 1-Fan		24' Dia. 1-Fan		24' Dia. 2-Fan		27' Dia. 1-Fan		27' Dia. 2-Fan	
FAN & HEATER Unit(s)	Plenum Temperature (fahrenheit)	Moisture Content Wet Basis	Batch Time		Batch Time		Batch Time		Batch Time		Batch Time		Batch Time	
			BU/HR	Hours	BU/HR	Hours	BU/HR	Hours	BU/HR	Hours	BU/HR	Hours	BU/HR	Hours
10 - 12 H.P. 28" FAN 3 MILLION BTU/HR 3 hp 18" Inline Centrifugal	140	20%	222	2.6	233	3.3	250	3.1	381	2.7	251	5.1	403	3.2
		25%	140	4.1	148	5.3	158	6.4	242	4.2	159	8.1	256	5.0
		30%	88	6.5	92	8.5	99	10.3	151	6.7	99	13.0	160	8.0
	160	20%	264	2.2	278	2.8	298	3.4	455	2.2	300	4.3	482	2.7
		25%	164	3.4	176	4.4	189	5.4	288	3.5	190	6.8	305	4.2
		30%	105	5.5	110	7.1	118	8.6	180	5.7	119	10.8	190	6.8
	180	20%	338	1.7	356	2.2	382	2.7	583	1.8	384	3.4	616	2.1
		25%	214	2.7	225	3.5	242	4.2	369	2.7	243	5.3	390	3.3
		30%	134	4.3	141	5.5	151	6.7	230	4.4	152	8.5	244	5.3
10 - 12 H.P. 36" FAN 3.5 MILLION BTU/HR 3 hp 18" Inline Centrifugal	140	20%	283	1.9	321	2.4	356	2.7			385	3.2	569	2.1
		25%	180	2.9	203	3.6	226	4.2			244	4.9	369	3.3
		30%	112	4.8	126	5.8	141	6.8			152	8.0	225	5.4
	160	20%	338	1.6	382	1.9	425	2.2			460	2.6	678	1.8
		25%	214	2.5	242	3.1	269	3.5			291	4.1	441	2.7
		30%	134	4.0	151	4.8	168	5.6			182	6.7	269	4.5
	180	20%	433	1.3	490	1.5	* 551	* 1.9			* 565	* 2.3	869	1.4
		25%	274	2.0	310	2.4	* 349	* 2.9			* 358	* 3.6	564	2.1
		30%	171	3.2	194	3.8	* 218	* 4.7			* 224	* 5.8	343	3.5
10-16 H.P. 36" FAN 4.5 MILLION BTU/HR 3 hp 18" Inline Centrifugal	140	20%			357	2.1	398	2.5			448	2.7	638	1.9
		25%			226	3.3	252	3.8			284	4.2	393	3.1
		30%			141	5.2	157	6.1			177	6.8	252	4.8
	160	20%			426	1.8	474	2.0			534	2.2	761	1.6
		25%			270	2.7	300	3.2			338	3.5	469	2.6
		30%			168	4.4	187	5.2			211	5.8	301	4.0
	180	20%			545	1.4	607	1.6			* 661	* 2.0	974	1.3
		25%			345	2.1	384	2.6			* 419	* 3.1	600	2.0
		30%			215	3.4	240	4.0			* 262	* 4.9	386	3.2
10-16 H.P. 42" FAN 5.75 MILLION BTU/HR 3 hp 18" Inline Centrifugal	140	20%					486	2.0			543	2.2		
		25%					308	3.1			344	3.5		
		30%					192	4.9			214	5.6		
	160	20%					580	1.6			648	1.9		
		25%					367	2.6			410	2.9		
		30%					230	4.2			256	4.7		
	180	20%					742	1.3			829	1.4		
		25%					470	2.0			525	2.4		
		30%					294	3.3			328	3.6		
20 H.P. 42" FAN 6.75 MILLION BTU/HR 3 hp 18" Inline Centrifugal	140	20%					504	1.9			562	2.1		
		25%					319	2.9			356	3.4		
		30%					199	4.8			222	5.4		
	160	20%					602	1.6			671	1.8		
		25%					381	2.5			425	2.8		
		30%					238	4.0			266	4.6		
	180	20%					770	1.3			859	1.4		
		25%					487	2.0			544	2.2		
		30%					305	3.2			340	3.5		
30 H.P. 42" FAN 8.75 MILLION BTU/HR 3 hp 18" Inline Centrifugal	140	20%									602	2.0		
		25%									381	3.2		
		30%									238	5.1		
	160	20%									718	1.8		
		25%									455	2.7		
		30%									284	4.4		
	180	20%									919	1.3		
		25%									582	2.1		
		30%									363	3.3		
40 H.P. 42" FAN 10.25 MILLION BTU/HR 3 hp 18" Inline Centrifugal	140	20%									686	1.8		
		25%									434	2.8		
		30%									271	4.5		
	160	20%									819	1.5		
		25%									519	2.4		
		30%									324	3.8		
	180	20%									1,048	1.2		
		25%									664	1.9		
		30%									414	2.9		

*Insufficient burner BTUs for 45 deg. ambient temp.
Ratings exclude loading time

Est. at ambient temp 45 deg. F, rel.humidity 65%
Use only as a guide, conditions will vary capacities.

1/4 cfm cooling

TOP DRY BATCH SERIES

DRYING RATES FOR SHELLLED CORN

BATCH SERIES			30' Dia. 1-Fan		30' Dia. 2- Fan		36' Dia. 1-Fan		36' Dia. 2-Fan		36' Dia. 3-Fan	
FAN & HEATER Unit(s)	Plenum Temperature (fahrenheit)	Moisture Content Wet Basis	Batch Time		Batch Time		Batch Time		Batch Time		Batch Time	
			BU/HR	Hours	BU/HR	Hours	BU/HR	Hours	BU/HR	Hours	BU/HR	Hours
10 - 12 H.P. 28" FAN 3 MILLION BTU/HR 5-7 hp 24" Inline Centrifugal	140	20%	258	6.2	420	3.8	266	8.6	436	5.3	597	3.8
		25%	163	9.7	266	6.0	168	13.6	276	8.3	378	6.1
		30%	102	15.6	166	9.6	105	21.7	172	13.3	236	9.7
	160	20%	308	5.2	501	3.2	317	7.2	520	4.4	712	3.2
		25%	195	8.2	317	5.0	201	11.4	330	7.0	451	5.1
		30%	122	14.0	198	8.0	126	18.1	206	11.1	282	8.1
	180	20%	394	4.1	641	2.5	406	5.6	666	3.5	911	2.5
		25%	249	6.4	406	3.9	257	8.9	422	5.4	577	4.0
		30%	156	10.2	253	6.3	161	14.2	263	8.7	360	6.4
10 - 12 H.P. 36" FAN 3.5 MILLION BTU/HR 5-7 hp 24" Inline Centrifugal	140	20%	396	3.8	629	2.4			741	2.9	951	2.2
		25%	251	6.0	398	3.8			469	4.6	602	3.5
		30%	157	9.5	249	6.0			293	7.3	376	5.8
	160	20%	473	3.2	751	2.0			884	2.5	1,136	1.9
		25%	299	4.9	475	3.2			560	3.9	719	2.9
		30%	187	8.0	297	5.1			350	6.1	450	4.8
	180	20%	* 579	* 2.8	961	1.5			* 1,029	* 2.3	1,454	1.4
		25%	* 367	* 4.3	609	2.5			* 652	* 3.5	921	2.4
		30%	* 229	* 7.0	380	3.9			* 407	* 5.6	575	3.8
10-16 H.P. 36" FAN 4.5 MILLION BTU/HR 5-7 hp 24" Inline Centrifugal	140	20%	461	3.3	728	1.9	521	4.1	841	2.6	1,020	2.1
		25%	292	5.1	461	3.3	330	6.5	533	4.0	646	3.3
		30%	182	8.2	288	5.2	206	10.4	333	6.5	403	5.3
	160	20%	550	2.8	869	1.8	622	3.4	1,004	2.1	1,217	1.8
		25%	348	4.4	550	2.7	394	5.4	636	3.4	771	2.8
		30%	218	6.8	344	4.4	246	8.7	397	5.4	482	4.5
	180	20%	* 677	* 2.4	1,112	1.4	* 694	* 3.4	1,284	1.6	1,558	1.3
		25%	* 429	* 3.7	704	2.1	* 440	* 5.2	814	2.7	986	2.2
		30%	* 268	* 6.0	440	3.4	* 274	* 8.3	508	4.2	616	3.5
10-16 H.P. 42" FAN 5.75 MILLION BTU/HR 5-7 hp 24" Inline Centrifugal	140	20%	562	2.7			650	3.3	1,022	2.1		
		25%	356	4.2			411	5.2	647	3.3		
		30%	222	6.7			257	8.4	404	5.3		
	160	20%	670	2.2			775	2.8	1,219	1.8		
		25%	425	3.5			491	4.4	772	2.8		
		30%	265	5.6			306	7.1	482	4.5		
	180	20%	858	1.8			* 890	* 2.6	1,560	1.4		
		25%	543	2.7			* 564	* 4.1	988	2.2		
		30%	339	4.4			* 352	* 6.5	617	3.5		
20 H.P. 42" FAN 6.75 MILLION BTU/HR 5-7 hp 24" Inline Centrifugal	140	20%	599	2.5			674	3.2	1,058	2.0		
		25%	379	3.9			427	5.1	670	3.2		
		30%	237	6.4			267	8.0	418	5.2		
	160	20%	715	2.1			805	2.7	1,262	1.8		
		25%	453	3.3			510	4.2	799	2.7		
		30%	283	5.3			318	6.7	499	4.4		
	180	20%	915	1.6			* 944	* 2.4	1,615	1.3		
		25%	580	2.6			* 598	* 3.8	1,023	2.1		
		30%	362	4.1			* 374	* 6.1	639	3.4		
30 H.P. 42" FAN 8.75 MILLION BTU/HR 5-7 hp 24" Inline Centrifugal	140	20%	638	2.4			717	2.9	1,142	1.9		
		25%	405	3.6			454	4.7	723	2.9		
		30%	253	5.9			284	7.5	452	4.7		
	160	20%	762	2.0			856	2.5	1,363	1.5		
		25%	482	3.1			542	4.0	863	2.5		
		30%	302	4.9			338	6.4	539	4.0		
	180	20%	975	1.5			1,095	2.0	1,744	1.3		
		25%	618	2.4			694	3.1	1,105	2.0		
		30%	386	3.9			433	4.9	690	3.2		
40 H.P. 42" FAN 10.25 MILLION BTU/HR 5-7 hp 24" Inline Centrifugal	140	20%	726	2.1			810	2.7				
		25%	460	3.3			513	4.2				
		30%	287	5.2			320	6.7				
	160	20%	867	1.8			966	2.2				
		25%	549	2.7			612	3.5				
		30%	343	4.4			382	5.6				
	180	20%	1,110	1.4			1,236	1.8				
		25%	702	2.1			783	2.7				
		30%	439	3.4			489	4.4				

*Insufficient burner BTUs for 45 deg. ambient temp.
Ratings exclude loading time

Est. at ambient temp 45 deg. F, rel.humidity 65%
Use only as a guide, conditions will vary capacities.

1/4 cfm cooling

TOP DRY AUTOFLOW SERIES

DRYING RATES FOR SHELL CORN

AUTO FLOW SERIES			18' Dia. 1-Fan		21' Dia. 1-Fan		24' Dia. 1-Fan		24' Dia. 2-Fan		27' Dia. 1-Fan		27' Dia. 2-Fan	
FAN & HEATER Unit(s)	Plenum Temperature (fahrenheit)	Moisture Content Wet Basis	Minutes Between		Minutes Between		Minutes Between		Minutes Between		Minutes Between		Minutes Between	
			BU/HR	Dumps	BU/HR	Dumps	BU/HR	Dumps	BU/HR	Dumps	BU/HR	Dumps	BU/HR	Dumps
10 - 12 H.P. 28" FAN 3 MILLION BTU/HR 3 hp 18" Inline Centrifugal	160	20%	286	22.3	297	29.3	306	37.2	499	22.8	308	46.8	519	27.7
		25%	181	35.3	188	46.3	194	58.7	316	36.0	195	74.0	329	43.8
		30%	113	56.5	117	74.2	121	94.0	198	57.7	122	118.5	209	70.2
	180	20%	367	17.4	380	22.9	392	29.0	639	17.8	394	36.6	664	21.7
		25%	232	27.6	241	36.2	248	45.9	405	28.1	249	57.8	421	34.2
		30%	145	44.2	150	58.0	155	73.5	253	45.1	156	92.6	263	54.9
	200	20%	429	14.9	445	19.6	459	24.8	748	15.2	461	31.2	778	18.5
		25%	272	23.5	282	30.9	291	39.2	474	24.0	292	49.4	493	29.2
		30%	170	37.7	176	49.5	182	62.7	296	38.5	182	79.1	308	46.8
10 - 12 H.P. 36" FAN 3.5 MILLION BTU/HR 3 hp 18" Inline Centrifugal	160	20%	401	15.9					729	15.6			783	18.4
		25%	254	25.2					462	24.6			496	29.1
		30%	159	40.4					288	39.5			310	46.6
	180	20%	* 513	* 12.4					933	12.2			1,002	14.4
		25%	* 325	* 19.7					591	19.2			634	22.7
		30%	* 203	* 31.5					369	30.9			396	36.4
	200	20%	* 601	* 10.6					* 1,092	* 10.4			* 1,173	* 12.3
		25%	* 381	* 16.8					* 692	* 16.4			* 743	* 19.4
		30%	* 238	* 26.9					* 432	* 26.3			* 464	* 31.1
10-16 H.P. 36" FAN 4.5 MILLION BTU/HR 3 hp 18" Inline Centrifugal	160	20%	428	14.9	499	17.4	528	21.6			541	26.6	882	16.3
		25%	271	23.6	316	27.6	334	34.1			343	42.0	559	25.8
		30%	169	37.8	197	44.2	209	54.6			214	67.4	349	41.3
	180	20%	548	11.6	639	13.6	* 675	* 16.8			* 692	* 20.8	1,129	12.7
		25%	347	18.4	404	21.5	* 428	* 26.6			* 439	* 32.8	715	20.1
		30%	217	29.5	253	34.5	* 267	* 42.6			* 274	* 52.6	446	32.3
	200	20%	642	9.9	* 748	* 11.6	* 791	* 14.4			* 811	* 17.7	1,321	10.9
		25%	406	15.7	* 474	* 18.4	* 501	* 22.7			* 514	* 28.0	837	17.2
		30%	254	25.2	* 296	* 29.5	* 313	* 36.4			* 321	* 44.9	523	27.6
10-16 H.P. 42" FAN 5.75 MILLION BTU/HR 3 hp 18" Inline Centrifugal	160	20%			584	14.9	648	17.5			682	21.1		
		25%			370	23.5	411	27.7			432	33.4		
		30%			231	37.7	256	44.4			270	53.5		
	180	20%			748	11.6	* 830	* 13.7			* 872	* 16.5		
		25%			473	18.4	* 525	* 21.6			* 552	* 26.1		
		30%			296	29.5	* 328	* 34.7			* 345	* 41.8		
	200	20%			* 875	* 9.9	* 971	* 11.7			* 1,021	* 14.1		
		25%			* 554	* 15.7	* 615	* 18.5			* 647	* 22.3		
		30%			* 346	* 25.2	* 384	* 29.6			* 404	* 35.7		
20 H.P. 42" FAN 6.75 MILLION BTU/HR 3 hp 18" Inline Centrifugal	160	20%					675	16.8			710	20.3		
		25%					428	26.6			449	32.1		
		30%					267	42.6			281	51.3		
	180	20%					864	13.1			908	15.8		
		25%					547	20.8			575	25.0		
		30%					342	33.3			359	40.1		
	200	20%					1,012	11.2			* 1063	* 13.5		
		25%					641	17.7			* 673	* 21.4		
		30%					400	28.4			* 421	* 34.3		
30 H.P. 42" FAN 8.75 MILLION BTU/HR 3 hp 18" Inline Centrifugal	160	20%					740	15.4			758	19.0		
		25%					469	24.3			480	30.0		
		30%					293	38.9			300	48.0		
	180	20%					947	12.0			970	14.8		
		25%					600	19.0			615	23.4		
		30%					375	30.4			384	37.5		
	200	20%					1,109	10.2			1,136	12.6		
		25%					702	16.2			720	20.0		
		30%					439	25.9			449	32.1		
40 H.P. 42" FAN 10.25 MILLION BTU/HR 3 hp 18" Inline Centrifugal	160	20%									865	16.6		
		25%									548	26.3		
		30%									342	42.1		
	180	20%									1,107	13.0		
		25%									701	20.5		
		30%									438	32.9		
	200	20%									1,296	11.1		
		25%									821	17.5		
		30%									513	28.1		

*Insufficient burner BTUs for 45 deg. ambient temp.
Ratings exclude loading time

Est. at ambient temp 45 deg. F, rel.humidity 65%
Use only as a guide, conditions will vary capacities.

1/4 cfm cooling

TOP DRY AUTOFLOW SERIES

DRYING RATES FOR SHELLD CORN

AUTO FLOW SERIES			30' Dia. 1-Fan		30' Dia. 2- Fan		36' Dia. 1-Fan		36' Dia. 2-Fan		36' Dia. 3-Fan	
FAN & HEATER Unit(s)	Plenum Temperature (fahrenheit)	Moisture Content Wet Basis	Minutes Between BU/HR Dumps		Minutes Between BU/HR Dumps		Minutes Between BU/HR Dumps		Minutes Between BU/HR Dumps		Minutes Between BU/HR Dumps	
10 - 12 H.P. 28" FAN 3 MILLION BTU/HR 5-7 hp 24" Inline Centrifugal	160	20%	332	53.6	535	33.2	332	77.2	551	46.5	754	34.0
		25%	210	84.6	339	52.5	210	121.9	349	73.5	478	53.6
		30%	131	135.5	212	84.1	131	195.2	218	117.7	298	85.9
	180	20%	425	41.9	685	26.0	425	60.3	705	36.3	965	26.5
		25%	269	66.1	434	41.0	269	95.2	446	57.4	611	41.9
		30%	168	105.9	271	65.7	168	152.5	279	92.0	382	67.1
	200	20%	* 498	* 35.7	802	22.2	* 498	* 51.5	825	31.0	1,130	22.6
		25%	* 315	* 56.5	508	35.0	* 315	* 81.3	523	49.0	716	35.8
		30%	* 197	* 90.4	317	56.1	* 197	* 130.2	326	78.5	447	57.3
10 - 12 H.P. 36" FAN 3.5 MILLION BTU/HR 5-7 hp 24" Inline Centrifugal	160	20%			819	21.7						
		25%			519	34.3						
		30%			324	54.9						
	180	20%			* 1,048	* 16.9						
		25%			* 664	* 26.8						
		30%			* 415	* 42.9						
	200	20%			* 1,227	* 14.5						
		25%			* 777	* 22.9						
		30%			* 486	* 36.6						
10-16 H.P. 36" FAN 4.5 MILLION BTU/HR 5-7 hp 24" Inline Centrifugal	160	20%	557	31.9	939	18.9			993	25.8	1,360	18.8
		25%	353	50.4	595	29.9			629	40.7	862	29.7
		30%	220	80.8	371	47.9			393	65.2	538	47.6
	180	20%	* 713	* 24.9	1,202	14.8			1,271	20.1	1,741	14.7
		25%	* 451	* 39.4	761	23.4			805	31.8	1,103	23.2
		30%	* 282	* 63.1	475	37.4			503	51.0	689	37.2
	200	20%	* 835	* 21.3	* 1,407	* 12.6			* 1,488	* 17.2	* 2,038	* 12.5
		25%	* 529	* 33.6	* 891	* 19.9			* 943	* 27.2	* 1,291	* 19.8
		30%	* 330	* 53.9	* 557	* 32.0			* 589	* 43.5	* 806	* 31.8
10-16 H.P. 42" FAN 5.75 MILLION BTU/HR 5-7 hp 24" Inline Centrifugal	160	20%	711	25.0	1,154	15.4			1,269	20.2		
		25%	450	39.5	731	24.3			803	31.9		
		30%	281	63.3	457	39.0			502	51.1		
	180	20%	* 909	* 19.5	1,477	12.0			1,623	15.8		
		25%	* 576	* 30.9	936	19.0			1,028	24.9		
		30%	* 360	* 49.5	584	30.4			642	39.9		
	200	20%	* 1,065	* 16.7	* 1,730	* 10.2			* 1,901	* 13.4		
		25%	* 674	* 26.4	* 1,096	* 16.2			* 1,204	* 21.3		
		30%	* 421	* 42.2	* 684	* 26			* 752	* 34.1		
20 H.P. 42" FAN 6.75 MILLION BTU/HR 5-7 hp 24" Inline Centrifugal	160	20%	753	23.6					1,355	18.9		
		25%	477	37.3					858	29.8		
		30%	298	59.8					536	47.8		
	180	20%	963	18.4					1,734	14.7		
		25%	610	29.1					1,098	23.3		
		30%	381	46.7					686	37.4		
	200	20%	* 1,128	* 15.7					* 2,030	* 12.6		
		25%	* 714	* 24.9					* 1,286	* 19.9		
		30%	* 446	* 39.9					* 803	* 31.9		
30 H.P. 42" FAN 8.75 MILLION BTU/HR 5-7 hp 24" Inline Centrifugal	160	20%	806	22.0			819	31.3	1,452	17.6		
		25%	511	34.8			519	49.4	920	27.8		
		30%	319	55.8			324	79.1	574	44.6		
	180	20%	1,032	17.2			1,048	24.4	1,858	13.8		
		25%	653	27.2			664	38.6	1,177	21.7		
		30%	408	43.6			415	61.8	735	34.8		
	200	20%	1,208	14.7			1,227	20.8	2,176	11.7		
		25%	765	23.2			777	32.9	1,378	18.6		
		30%	478	37.2			486	52.8	861	29.8		
40 H.P. 42" FAN 10.25 MILLION BTU/HR 5-7 hp 24" Inline Centrifugal	160	20%	920	19.3			950	26.9				
		25%	583	30.5			602	42.6				
		30%	364	48.9			376	68.2				
	180	20%	1,178	15.1			1,216	21.0				
		25%	746	23.8			770	33.3				
		30%	466	38.2			481	53.3				
	200	20%	1,379	12.9			1,424	18.0				
		25%	873	20.3			902	28.4				
		30%	545	32.6			563	45.5				

*Insufficient burner BTUs for 45 deg. ambient temp.
Ratings exclude loading time

Est. at ambient temp 45 deg. F, rel.humidity 65%
Use only as a guide, conditions will vary capacities.

1/4 cfm cooling

TOP DRY BIN SPECIFICATIONS

ALL SERIES

	Batch	Autoflow	Autoflow				Batch	Autoflow
Bin Diameter	Batch Size (Bu.)	Grain in Process (Bu.)	Dump Size (Bu.)	Rings	Eave Height	Peak Height	Maximum Storage (Bu.)	Maximum Storage (Bu.)
18'	540	305	102	5	18'-5"	23'-4"	2,685	2,450
				6	22'-1"	27'-0"	3,464	3,229
				7	25'-9"	30'-8"	4,243	4,008
				8	29'-5"	34'-4"	5,022	4,787
21'	730	410	137	5	18'-5"	24'-2"	3,651	3,331
				6	22'-1"	27'-10"	4,711	4,391
				7	25'-9"	31'-6"	5,771	5,451
				8	29'-5"	35'-2"	6,831	6,511
24'	1,000	560	187	5	18'-5"	25'-0"	4,813	4,373
				6	22'-1"	28'-8"	6,198	5,758
				7	25'-9"	32'-4"	7,583	7,143
				8	29'-5"	36'-0"	8,968	8,528
				9	33'-1"	39'-8"	10,353	9,913
				10	36'-9"	43'-4"	11,738	11,298
27'	1,200	675	225	5	18'-5"	25'-11"	6,029	5,504
				6	22'-1"	29'-7"	7,781	7,256
				7	25'-9"	33'-3"	9,533	9,008
				8	29'-5"	36'-11"	11,285	10,760
				9	33'-1"	40'-7"	13,037	12,512
				10	36'-9"	44'-3"	14,789	14,264
30'	1,500	845	282	5	18'-5"	26'-9"	7,459	6,804
				6	22'-1"	30'-5"	9,623	8,968
				7	25'-9"	34'-1"	11,787	11,132
				8	29'-5"	37'-9"	13,951	13,296
				9	33'-1"	41'-5"	16,115	15,460
				10	36'-9"	45'-1"	18,279	17,624
36'	2,160	1,215	405	11	40'-5"	48'-9"	20,443	19,788
				6	22'-1"	32'-6"	13,859	12,914
				7	25'-9"	36'-2"	16,974	16,029
				8	29'-5"	39'-10"	20,089	19,144
				9	33'-1"	43'-6"	23,204	22,259
				10	36'-9"	47'-2"	26,319	25,374
				11	40'-5"	50'-10"	29,434	28,489

Maximum storage estimated with 12" aeration floor, level to bottom of fan entrance, with upper batch filled.

TOP DRY CAPACITY CONVERSION CHART

ALL SERIES

Crop to be Dried (Common Types)	Plenum Temperature Setting Drying Rates Calculated on this Recommended Plenum Temperature Setting	Conversion Formula (time) Corn Production Rate Conversion to New Crop Production Rate	Conversion Formula (bu) Corn Production Rate Conversion to New Crop Production Rate	Conversion to Metric Tons Conversion of Crop Production Rate from bushels/hour to Metric Tons/hour
Canola	140° F	(corn dry time) x 1.60	(corn drying capacity) x 0.60	1 Metric Ton (@ 56 lb / bu) = 39 bu
Corn	180° F	dry time given in specs.	drying capacity given in specs.	1 Metric Ton (@ 56 lb / bu) = 39 bu
White Corn	140° F	(corn dry time) x 1.45	(corn drying capacity) x 0.45	1 Metric Ton (@ 56 lb / bu) = 39 bu
Milo / Sorghum	140° F	(corn dry time) x 1.60	(corn drying capacity) x 0.60	1 Metric Ton (@ 56 lb / bu) = 39 bu
Soybean	150° F	(corn dry time) x 1.55	(corn drying capacity) x 0.55	1 Metric Ton (@ 60 lb / bu) = 36.75 bu
Sunflower	140° F	(corn dry time) x 0.75	(corn drying capacity) x 1.75	1 Metric Ton (@ 32 lb / bu) = 68.9 bu
Wheat	160° F	(corn dry time) x 1.60	(corn drying capacity) x 0.60	1 Metric Ton (@ 60 lb / bu) = 36.75 bu



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