

GSI Drying Systems

2003 TOP DRY SPECIFICATIONS

AUTOFLOW AND BATCH SERIES



a division of

THE GSI GROUP



PNEG-566

Specifications and Drying Rates.....Page 4

Bin Specifications (U.S. Measurements)..... Page 4

Bin Specifications (Metric Measurements)..... Page 5

Batch Series Drying Rates (U.S. Measurements)..... Page 6

Autoflow Series Drying Rates (U.S. Measurements)..... Page 8

Batch Series Drying Rates (Metric Measurements)..... Page 10

Autoflow Series Drying Rates (Metric Measurements).....Page 12

Capacity Conversions..... Page 14

U.S. Measurements

Bin Diameter	Batch	Autoflow		Rings	Eave Height	Peak Height	Batch Maximum Storage (BU)	Autoflow Maximum Storage (BU)
	Batch Size (BU)	Grain in Process (BU)	Dump Size (BU)					
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
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	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.

**Metric Measurements
(Shelled Corn)**

Bin Diameter	Batch	Autoflow		Rings	Eave Height	Peak Height	Batch Maximum Storage (MT)	Autoflow Maximum Storage (MT)
	Batch Size (MT)	Grain in Process (MT)	Dump Size (MT)					
6.40 m 21'	18.54	10.41	3.48	5	5.61 m	7.37 m	92.74	84.61
				6	6.73 m	8.48 m	119.66	111.53
				7	7.85 m	9.60 m	146.58	138.46
				8	8.97 m	10.72 m	173.51	165.38
7.32 m 24'	25.4	14.22	4.75	5	5.61 m	7.62 m	122.25	111.07
				6	6.73 m	8.74 m	157.43	146.25
				7	7.85 m	9.86 m	192.61	181.43
				8	8.97 m	10.97 m	227.79	216.61
				9	10.08 m	12.09 m	262.97	251.79
9.14 m 30'	38.1	21.46	7.16	5	5.61 m	8.15 m	189.46	172.82
				6	6.73 m	9.27 m	244.42	227.79
				7	7.85 m	10.39 m	299.39	282.75
				8	8.97 m	11.51 m	354.36	337.72
				9	10.08 m	12.62 m	409.32	392.68
				10	11.20 m	13.74 m	464.28	447.65
10.97 m 36'	54.86	30.86	10.29	6	6.73 m	9.91 m	352.02	328.02
				7	7.85 m	11.02 m	431.14	407.14
				8	8.97 m	12.14 m	510.26	486.26
				9	10.08 m	13.26 m	589.38	565.38
				10	11.20 m	14.38 m	668.5	644.5
				11	12.32 m	15.49 m	747.63	723.62

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

Shelled Corn
(U.S. Measurements)

BATCH SERIES			21' Dia. 1-Fan		24' Dia. 1-Fan		30' Dia. 1-Fan	
FAN & HEATER Unit(s)	Plenum Temperature F°	Moisture Content Wet Basis	Batch Time		Batch Time		Batch Time	
			Bu / hr	Hours	Bu / hr	Hours	Bu / hr	Hours
15 H.P. 36" FAN 3.5 Million BTU	140	20%	357	2.1	398	2.5	461	3.3
		25%	226	3.3	252	3.8	292	5.1
		30%	141	5.2	157	6.1	182	8.2
	160	20%	426	1.8	474	2.0	550	2.8
		25%	270	2.7	300	3.2	348	4.4
		30%	168	4.4	187	5.2	218	6.8
	180	20%	545	1.4	607	1.6	* 677	* 2.4
		25%	345	2.1	384	2.6	* 429	* 3.7
		30%	215	3.4	240	4.0	* 268	* 6.0
15 H.P. 40" FAN 6.25 Million BTU	140	20%			486	2.0	562	2.7
		25%			308	3.1	356	4.2
		30%			192	4.9	222	6.7
	160	20%			580	1.6	670	2.2
		25%			367	2.6	425	3.5
		30%			230	4.2	265	5.6
	180	20%			742	1.3	858	1.8
		25%			470	2.0	543	2.7
		30%			294	3.3	339	4.4
30 H.P. 42" FAN 10.25 Million BTU	140	20%					638	2.4
		25%					405	3.6
		30%					253	5.9
	160	20%					762	2.0
		25%					482	3.1
		30%					302	4.9
	180	20%					975	1.5
		25%					618	2.4
		30%					386	3.9
40 H.P. 42" FAN 10.25 Million BTU	140	20%					726	2.1
		25%					460	3.3
		30%					287	5.2
	160	20%					867	1.8
		25%					549	2.7
		30%					343	4.4
	180	20%					1,110	1.4
		25%					702	2.1
		30%					439	3.4

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/bu
cooling rate.

**Shelled Corn
(U.S. Measurements)**

BATCH SERIES			30' Dia. 2-Fan		36' Dia. 1-Fan		36' Dia. 2-Fan	
FAN & HEATER Unit(s)	Plenum Temperature F°	Moisture Content Wet Basis	Batch Time		Batch Time		Batch Time	
			Bu / hr	Hours	Bu / hr	Hours	Bu / hr	Hours
15 H.P. 36" FAN 3.5 Million BTU	140	20%	728	1.9	521	4.1	841	2.6
		25%	461	3.3	330	6.5	533	4.0
		30%	288	5.2	206	10.4	333	6.5
	160	20%	869	1.8	622	3.4	1,004	2.1
		25%	550	2.7	394	5.4	636	3.4
		30%	344	4.4	246	8.7	397	5.4
	180	20%	1,112	1.4	* 694	* 3.4	1,284	1.6
		25%	704	2.1	* 440	* 5.2	814	2.7
		30%	440	3.4	* 274	* 8.3	508	4.2
15 H.P. 40" FAN 6.25 Million BTU	140	20%			650	3.3	1,022	2.1
		25%			411	5.2	647	3.3
		30%			257	8.4	404	5.3
	160	20%			775	2.8	1,219	1.8
		25%			491	4.4	772	2.8
		30%			306	7.1	482	4.5
	180	20%			* 890	* 2.6	1,560	1.4
		25%			* 564	* 4.1	988	2.2
		30%			* 352	* 6.5	617	3.5
30 H.P. 42" FAN 10.25 Million BTU	140	20%			717	2.9	1,142	1.9
		25%			454	4.7	723	2.9
		30%			284	7.5	452	4.7
	160	20%			856	2.5	1,363	1.5
		25%			542	4.0	863	2.5
		30%			338	6.4	539	4.0
	180	20%			1,095	2.0	1,744	1.3
		25%			694	3.1	1,105	2.0
		30%			433	4.9	690	3.2
40 H.P. 42" FAN 10.25 Million BTU	140	20%			810	2.7		
		25%			513	4.2		
		30%			320	6.7		
	160	20%			966	2.2		
		25%			612	3.5		
		30%			382	5.6		
	180	20%			1,236	1.8		
		25%			783	2.7		
		30%			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/bu
cooling rate.

**Shelled Corn
(U.S. Measurements)**

AUTOFLOW SERIES			21' Dia. 1-Fan		24' Dia. 1-Fan		30' Dia. 1-Fan	
FAN & HEATER Unit(s)	Plenum Temperature F°	Moisture Content Wet Basis	Minutes Between		Minutes Between		Minutes Between	
			Bu / hr	Dumps	Bu / hr	Dumps	Bu / hr	Dumps
15 H.P. 36" FAN 3.5 Million BTU	160	20%	499	17.4	528	21.6	557	31.9
		25%	316	27.6	334	34.1	353	50.4
		30%	197	44.2	209	54.6	220	80.8
	180	20%	639	13.6	* 675	* 16.8	* 713	* 24.9
		25%	404	21.5	* 428	* 26.6	* 451	* 39.4
		30%	253	34.5	* 267	* 42.6	* 282	* 63.1
	200	20%	* 748	* 11.6	* 791	* 14.4	* 835	* 21.3
		25%	* 474	* 18.4	* 501	* 22.7	* 529	* 33.6
		30%	* 296	* 29.5	* 313	* 36.4	* 330	* 53.9
15 H.P. 40" FAN 6.25 Million BTU	160	20%	584	14.9	648	17.5	711	25.0
		25%	370	23.5	411	27.7	450	39.5
		30%	231	37.7	256	44.4	281	63.3
	180	20%	748	11.6	* 830	* 13.7	* 909	* 19.5
		25%	473	18.4	* 525	* 21.6	* 576	* 30.9
		30%	296	29.5	* 328	* 34.7	* 360	* 49.5
	200	20%	* 875	* 9.9	* 971	* 11.7	* 1,065	* 16.7
		25%	* 554	* 15.7	* 615	* 18.5	* 674	* 26.4
		30%	* 346	* 25.2	* 384	* 29.6	* 421	* 42.2
30 H.P. 42" FAN 10.25 Million BTU	160	20%			740	15.4	806	22.0
		25%			469	24.3	511	34.8
		30%			293	38.9	319	55.8
	180	20%			947	12.0	1,032	17.2
		25%			600	19.0	653	27.2
		30%			375	30.4	408	43.6
	200	20%			1,109	10.2	1,208	14.7
		25%			702	16.2	765	23.2
		30%			439	25.9	478	37.2
40 H.P. 42" FAN 10.25 Million BTU	160	20%					920	19.3
		25%					583	30.5
		30%					364	48.9
	180	20%					1,178	15.1
		25%					746	23.8
		30%					466	38.2
	200	20%					1,379	12.9
		25%					873	20.3
		30%					545	32.6

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/bu
cooling rate.

**Shelled Corn
(U.S. Measurements)**

AUTOFLOW SERIES			30' Dia. 2-Fan		36' Dia. 1-Fan		36' Dia. 2-Fan	
FAN & HEATER Unit(s)	Plenum Temperature F°	Moisture Content Wet Basis	Minutes Between		Minutes Between		Minutes Between	
			Bu / hr	Dumps	Bu / hr	Dumps	Bu / hr	Dumps
15 H.P. 36" FAN 3.5 Million BTU	160	20%	939	18.9			993	25.8
		25%	595	29.9			629	40.7
		30%	371	47.9			393	65.2
	180	20%	1,202	14.8			1,271	20.1
		25%	761	23.4			805	31.8
		30%	475	37.4			503	51.0
	200	20%	* 1,407	* 12.6			* 1,488	* 17.2
		25%	* 891	* 19.9			* 943	* 27.2
		30%	* 557	* 32.0			* 589	* 43.5
15 H.P. 40" FAN 6.25 Million BTU	160	20%	1,154	15.4			1,269	20.2
		25%	731	24.3			803	31.9
		30%	457	39.0			502	51.1
	180	20%	1,477	12.0			1,623	15.8
		25%	936	19.0			1,028	24.9
		30%	584	30.4			642	39.9
	200	20%	* 1,730	* 10.2			* 1,901	* 13.4
		25%	* 1,096	* 16.2			* 1,204	* 21.3
		30%	* 684	* 26			* 752	* 34.1
30 H.P. 42" FAN 10.25 Million BTU	160	20%			819	31.3	1,452	17.6
		25%			519	49.4	920	27.8
		30%			324	79.1	574	44.6
	180	20%			1,048	24.4	1,858	13.8
		25%			664	38.6	1,177	21.7
		30%			415	61.8	735	34.8
	200	20%			1,227	20.8	2,176	11.7
		25%			777	32.9	1,378	18.6
		30%			486	52.8	861	29.8
40 H.P. 42" FAN 10.25 Million BTU	160	20%			950	26.9		
		25%			602	42.6		
		30%			376	68.2		
	180	20%			1,216	21.0		
		25%			770	33.3		
		30%			481	53.3		
	200	20%			1,424	18.0		
		25%			902	28.4		
		30%			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/bu
cooling rate.

Shelled Corn
(Metric Measurements)

BATCH SERIES			6.40m Dia. 1-Fan		7.32m Dia. 1-Fan		9.14m Dia. 1-Fan	
FAN & HEATER Unit(s)	Plenum Temp. C°	Moisture Content Wet Basis	Batch Time		Batch Time		Batch Time	
			MT / hr	Hours	MT / hr	Hours	MT / hr	Hours
11.19 kW 91.44 cm 1.125 Million kCal	60	20%	9.1	2.1	10.1	2.5	11.7	3.3
		25%	5.7	3.3	6.4	3.8	7.4	5.1
		30%	3.6	5.2	4.0	6.1	4.6	8.2
	71	20%	10.8	1.8	12.0	2.0	14.0	2.8
		25%	6.8	2.7	7.6	3.2	8.8	4.4
		30%	4.3	4.4	4.8	5.2	5.5	6.8
82	20%	13.8	1.4	15.4	1.6	17.2	* 2.4	
	25%	8.8	2.1	9.8	2.6	10.9	* 3.7	
	30%	5.5	3.4	6.1	4.0	6.8	* 6.0	
11.19 kW 101.60 cm 1.5 Million kCal	60	20%			12.3	2.0	14.3	2.7
		25%			7.8	3.1	9.0	4.2
		30%			4.9	4.9	5.6	6.7
	71	20%			14.7	1.6	17.0	2.2
		25%			9.3	2.6	10.8	3.5
		30%			5.8	4.2	6.7	5.6
82	20%			18.9	1.3	21.8	1.8	
	25%			11.9	2.0	13.8	2.7	
	30%			7.5	3.3	8.6	4.4	
22.37 kW 106.68 cm 2.5 Million kCal	60	20%					16.2	2.4
		25%					10.3	3.6
		30%					6.4	5.9
	71	20%					19.4	2.0
		25%					12.3	3.1
		30%					7.7	4.9
82	20%					24.8	1.5	
	25%					15.7	2.4	
	30%					9.8	3.9	
29.83 kW 106.68 cm 2.5 Million kCal	60	20%					18.5	2.1
		25%					11.7	3.3
		30%					7.3	5.2
	71	20%					22.0	1.8
		25%					13.9	2.7
		30%					8.7	4.4
82	20%					28.2	1.4	
	25%					17.8	2.1	
	30%					11.2	3.4	

Insufficient burner BTUs for 7 deg. C ambient temp.
Ratings exclude loading time.

Est. at ambient temp 7 deg. C, rel.humidity 65%.
Use only as a guide, conditions will vary capacities.

1/4 CFM/bu
cooling rate.

Shelled Corn
(Metric Measurements)

BATCH SERIES			9.14m Dia.	2- Fan	10.97m Dia.	1-Fan	10.97m Dia.	2-Fan
FAN & HEATER Unit(s)	Plenum Temp. C°	Moisture Content Wet Basis	Batch Time		Batch Time		Batch Time	
			MT / hr	Hours	MT / hr	Hours	MT / hr	Hours
11.19 kW 91.44 cm 1.125 Million kCal	60	20%	18.5	1.9	13.2	4.1	21.4	2.6
		25%	11.7	3.3	8.2	6.5	13.5	4.0
		30%	7.3	5.2	5.2	10.4	8.5	6.5
	71	20%	22.1	1.8	15.8	3.4	25.5	2.1
		25%	14.0	2.7	10.0	5.4	16.2	3.4
		30%	8.7	4.4	6.2	8.7	10.1	5.4
82	20%	28.2	1.4	17.6	* 3.4	32.6	1.6	
	25%	17.9	2.1	11.2	* 5.2	20.7	2.7	
	30%	11.2	3.4	7.0	* 8.3	12.9	4.2	
11.19 kW 101.60 cm 1.5 Million kCal	60	20%			16.5	3.3	25.9	2.1
		25%			10.4	5.2	16.4	3.3
		30%			6.5	8.4	10.3	5.3
	71	20%			19.7	2.8	31.0	1.8
		25%			12.5	4.4	19.6	2.8
		30%			7.8	7.1	12.3	4.5
82	20%			* 22.6	* 2.6	39.6	1.4	
	25%			* 14.3	* 4.1	25.1	2.2	
	30%			* 8.9	* 6.5	15.7	3.5	
22.37 kW 106.68 cm 2.5 Million kCal	60	20%			18.2	2.9	29.0	1.9
		25%			11.5	4.7	18.4	2.9
		30%			7.2	7.5	11.5	4.7
	71	20%			21.7	2.5	34.6	1.5
		25%			13.8	4.0	21.9	2.5
		30%			8.6	6.4	13.7	4.0
82	20%			27.2	2.0	44.3	1.3	
	25%			17.6	3.1	28.1	2.0	
	30%			11.0	4.9	17.5	3.2	
29.83 kW 106.68 cm 2.5 Million kCal	60	20%			20.6	2.7		
		25%			13.0	4.2		
		30%			8.1	6.7		
	71	20%			24.5	2.2		
		25%			15.5	3.5		
		30%			9.7	5.6		
82	20%			31.4	1.8			
	25%			19.9	2.7			
	30%			12.4	4.4			

Insufficient burner BTUs for 7 deg. C ambient temp.
Ratings exclude loading time.

Est. at ambient temp 7 deg. C, rel.humidity 65%.
Use only as a guide, conditions will vary capacities.

1/4 CFM/bu
cooling rate.

**Shelled Corn
(Metric Measurements)**

AUTOFLOW SERIES			6.40m Dia. 1-Fan		7.32m Dia. 1-Fan		9.14m Dia. 1-Fan	
FAN & HEATER Unit(s)	Plenum Temp. C°	Moisture Content Wet Basis	Minutes Between		Minutes Between		Minutes Between	
			MT / hr	Dumps	MT / hr	Dumps	MT / hr	Dumps
11.19 kW 91.44 cm 1.125 Million kCal	71	20%	12.7	17.4	13.4	21.6	14.1	31.9
		25%	8.0	27.6	8.5	34.1	9.0	50.4
		30%	5.0	44.2	5.3	54.6	5.6	80.8
	82	20%	16.2	13.6	17.1	* 16.8	18.1	* 24.9
		25%	10.3	21.5	10.9	* 26.6	11.5	* 39.4
		30%	6.4	34.5	6.8	* 42.6	7.2	* 63.1
93	20%	19.0	* 11.6	20.1	* 14.4	21.2	* 21.3	
	25%	12.0	* 18.4	12.7	* 22.7	13.4	* 33.6	
	30%	7.5	* 29.5	8.0	* 36.4	8.4	* 53.9	
11.19 kW 101.60 cm 1.5 Million kCal	71	20%	14.8	14.9	16.5	17.5	18.1	25.0
		25%	9.4	23.5	10.4	27.7	11.4	39.5
		30%	5.9	37.7	6.5	44.4	7.1	63.3
	82	20%	19.0	11.6	* 21.1	* 13.7	* 23.1	* 19.5
		25%	12.0	18.4	* 13.3	* 21.6	* 14.6	* 30.9
		30%	7.5	29.5	* 8.3	* 34.7	* 9.1	* 49.5
	93	20%	* 22.2	* 9.9	* 24.7	* 11.7	* 27.1	* 16.7
		25%	* 14.1	* 15.7	* 15.6	* 18.5	* 17.1	* 26.4
		30%	* 8.8	* 25.2	* 9.8	* 29.6	* 10.7	* 42.2
22.37 kW 106.68 cm 2.5 Million kCal	71	20%			18.8	15.4	20.5	22.0
		25%			11.9	24.3	13.0	34.8
		30%			7.4	38.9	8.1	55.8
	82	20%			21.1	12.0	26.2	17.2
		25%			15.2	19.0	16.6	27.2
		30%			9.5	30.4	10.4	43.6
	93	20%			28.2	10.2	30.7	14.7
		25%			17.8	16.2	19.4	23.2
		30%			11.2	25.9	12.1	37.2
29.83 kW 106.68 cm 2.5 Million kCal	71	20%					23.4	19.3
		25%					14.8	30.5
		30%					9.2	48.9
	82	20%					29.9	15.1
		25%					18.9	23.8
		30%					11.8	38.2
93	20%					35.0	12.9	
	25%					22.2	20.3	
	30%					13.8	32.6	

Insufficient burner BTUs for 7 deg. C ambient temp.
Ratings exclude loading time.

Est. at ambient temp 7 deg. C, rel.humidity 65%.
Use only as a guide, conditions will vary capacities.

1/4 CFM/bu
cooling rate.

**Shelled Corn
(Metric Measurements)**

AUTOFLOW SERIES			9.14m Dia.	2- Fan	10.97m Dia.	1-Fan	10.97m Dia.	2-Fan
FAN & HEATER Unit(s)	Plenum Temp. C°	Moisture Content Wet Basis	Minutes Between		Minutes Between		Minutes Between	
			MT / hr	Dumps	MT / hr	Dumps	MT / hr	Dumps
11.19 kW 91.44 cm 1.125 Million kCal	71	20%	23.9	18.9			25.2	25.8
		25%	15.1	29.9			16.0	40.7
		30%	9.4	47.9			10.0	65.2
	82	20%	30.5	14.8			32.3	20.1
		25%	19.3	23.4			20.4	31.8
		30%	12.1	37.4			12.8	51.0
93	20%	35.7	* 12.6			37.8	* 17.2	
	25%	22.6	* 19.9			24.0	* 27.2	
	30%	14.1	* 32.0			15.0	* 43.5	
11.19 kW 101.60 cm 1.5 Million kCal	71	20%	29.3	15.4			32.2	20.2
		25%	18.6	24.3			20.4	31.9
		30%	11.6	39.0			12.8	51.1
	82	20%	37.5	12.0			41.2	15.8
		25%	23.8	19.0			26.1	24.9
		30%	17.8	30.4			16.3	39.9
	93	20%	* 43.9	* 10.2			* 48.3	* 13.4
		25%	* 27.8	* 16.2			* 30.6	* 21.3
		30%	* 17.4	* 26			* 19.1	* 34.1
22.37 kW 106.68 cm 2.5 Million kCal	71	20%			20.8	31.3	36.9	17.6
		25%			13.2	49.4	23.4	27.8
		30%			8.2	79.1	14.6	44.6
	82	20%			26.6	24.4	47.2	13.8
		25%			16.9	38.6	29.9	21.7
		30%			10.5	61.8	18.7	34.8
	93	20%			31.2	20.8	55.3	11.7
		25%			19.7	32.9	35.0	18.6
		30%			12.3	52.8	21.9	29.8
29.83 kW 106.68 cm 2.5 Million kCal	71	20%			24.1	26.9		
		25%			15.3	42.6		
		30%			9.6	68.2		
	82	20%			30.9	21.0		
		25%			19.6	33.3		
		30%			12.2	53.3		
	93	20%			36.2	18.0		
		25%			22.9	28.4		
		30%			14.3	45.5		

Insufficient burner BTUs for 7 deg. C ambient temp.
Ratings exclude loading time.

Est. at ambient temp 7 deg. C, rel.humidity 65%.
Use only as a guide, conditions will vary capacities.

1/4 CFM/bu
cooling rate.

**Conversion Rates
(All Series)**

Crop (Common Types)	Plenum Temperature Recommended	Conversion Formula (time) New Production Rate	Conversion Formula (bu) New Production Rate
Canola	140° F	(corn dry time) x 1.60	(corn drying capacity) x 0.60
Corn	180° F	dry time given in specs.	drying capacity given in specs.
White Corn	140° F	(corn dry time) x 1.45	(corn drying capacity) x 0.45
Milo / Sorghum	140° F	(corn dry time) x 1.60	(corn drying capacity) x 0.60
Soybean	150° F	(corn dry time) x 1.55	(corn drying capacity) x 0.55
Sunflower	140° F	(corn dry time) x 0.75	(corn drying capacity) x 1.75
Wheat	160° F	(corn dry time) x 1.60	(corn drying capacity) x 0.60



Crop (Common Types)	Conversion to Metric Tons Conversion from bushels to Metric Tons
Canola	1 Metric Ton (@ 56 lb / bu) = 39 bu
Corn	1 Metric Ton (@ 56 lb / bu) = 39 bu
White Corn	1 Metric Ton (@ 56 lb / bu) = 39 bu
Milo / Sorghum	1 Metric Ton (@ 56 lb / bu) = 39 bu
Soybean	1 Metric Ton (@ 60 lb / bu) = 36.75 bu
Sunflower	1 Metric Ton (@ 32 lb / bu) = 68.9 bu
Wheat	1 Metric Ton (@ 60 lb / bu) = 36.75 bu



a division of

THE GSI GROUP



1004 E. Illinois St.
Assumption, IL 62510
Phone 217-226-4421
Fax 217-226-4498