APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **18'** with **1 15** h.p. 36" Fan & Heater, & **3** h.p. Inline Centrifugal Aeration Fan

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content		120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
			FOOD GRADE							
16.0		4.9	4.2	3.7	3.4	3.1	2.7	2.4	2.2	2.0
17.0		9.9	8.5	7.4	6.8	6.2	5.5	4.8	4.5	4.1
18.0		14.7	12.7	11.1	10.1	9.3	8.3	7.2	6.7	6.2
19.0		19.3	16.7	14.6	13.3	12.2	10.8	9.5	8.8	8.1
20.0		23.6	20.4	17.8	16.2	14.9	13.3	11.6	10.8	9.9
21.0		26.4	22.8	19.9	18.1	16.6	14.8	13.0	12.0	11.1
22.0		29.2	25.2	21.9	20.0	18.4	16.4	14.3	13.3	12.2
23.0		31.9	27.6	24.0	21.9	20.1	17.9	15.7	14.5	13.4
24.0		34.7	30.0	26.1	23.8	21.9	19.5	17.0	15.8	14.5
25.0		37.4	32.4	28.2	25.7	23.6	21.0	18.4	17.1	15.7
26.0		41.9	36.3	31.6	28.8	26.4	23.5	20.6	19.1	17.6
27.0		46.4	40.2	35.0	31.9	29.3	26.1	22.8	21.2	19.5
28.0		50.9	44.1	38.4	35.0	32.1	28.6	25.1	23.2	21.4
29.0		55.4	48.0	41.7	38.1	35.0	31.1	27.3	25.3	23.3
30.0		**60.0**	51.9	45.1	41.2	37.8	33.7	29.5	27.4	25.2
31.0		**64.3**	55.6	48.4	44.2	40.5	36.1	31.6	29.3	27.0
32.0		**68.2**	59.0	51.3	46.8	43.0	38.3	33.5	31.1	28.7
33.0		**72.1**	**62.3**	54.3	49.5	45.4	40.4	35.5	32.9	30.3
34.0		**76.0**	**65.7**	57.2	52.2	47.9	42.6	37.4	34.7	31.9
35.0		**79.8**	**69.0**	**60.1**	54.8	50.3	44.8	39.3	36.4	33.5
Approx. Moisture Control Setting		**107.5**	**106.3**	**105.0**	**103.8**	**102.5**	**101.3**	**100.0**	**98.8**	**97.5**

Test and Adjust   **Dump Time in seconds   18'=24**

Basic Start Up Operating Instructions: **18' diameter Top Drys are Non Standard Special Order Systems**

1. Turn both **Control power** & **24 volt power** **ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **4 dumps**. After the 4**th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Two times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

*   Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **21'** with **1 15** h.p. 36" Fan & Heater, & **3** h.p. Inline Centrifugal Aeration Fan

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content	FOOD GRADE	120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
16.0		5.7	4.9	4.3	3.9	3.6	3.2	2.8	2.6	2.4
17.0		11.5	10.0	8.7	7.9	7.3	6.5	5.7	5.3	4.8
18.0		17.2	14.9	12.9	11.8	10.8	9.7	8.5	7.8	7.2
19.0		22.6	19.5	17.0	15.5	14.2	12.7	11.1	10.3	9.5
20.0		27.6	23.9	20.8	19.0	17.4	15.5	13.6	12.6	11.6
21.0		30.8	26.7	23.2	21.2	19.4	17.3	15.2	14.1	13.0
22.0		34.1	29.5	25.6	23.4	21.5	19.1	16.8	15.5	14.3
23.0		37.3	32.3	28.1	25.6	23.5	20.9	18.3	17.0	15.7
24.0		40.5	35.1	30.5	27.9	25.6	22.7	19.9	18.5	17.0
25.0		43.8	37.9	33.0	30.1	27.6	24.6	21.5	20.0	18.4
26.0		49.0	42.4	36.9	33.7	30.9	27.5	24.1	22.4	20.6
27.0		54.3	47.0	40.9	37.3	34.2	30.5	26.7	24.8	22.8
28.0		59.6	51.5	44.8	40.9	37.6	33.4	29.3	27.2	25.1
29.0		**64.8**	56.1	48.8	44.6	40.9	36.4	31.9	29.6	27.3
30.0		**70.1**	**60.6**	52.8	48.2	44.2	39.4	34.5	32.0	29.5
31.0		**75.1**	**65.0**	56.6	51.6	47.4	42.2	37.0	34.3	31.6
32.0		**79.7**	**69.0**	**60.0**	54.8	50.3	44.7	39.2	36.4	33.5
33.0		**84.3**	**72.9**	**63.4**	57.9	53.1	47.3	41.5	38.5	35.5
34.0		**88.8**	**76.8**	**66.9**	**61.0**	56.0	49.9	43.7	40.5	37.4
35.0		**93.3**	**80.7**	**70.2**	**64.1**	58.8	52.4	45.9	42.6	39.3
Approx. Moisture Control Setting Test and Adjust		**107.5**	**106.3**	**105.0**	**103.8**	**102.5**	**101.3**	**100.0**	**98.8**	**97.5**

Dump Time in seconds   21'=28

Basic Start Up Operating Instructions:

1. Turn both **Control power** & **24 volt power** **ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **4 dumps**. After the 4**th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Two times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

*   Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **21'** with **1 15** h.p. 40" Fan & Heater, & **3** h.p. Inline Centrifugal Aeration Fan

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content		120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
		FOOD GRADE								
16.0		4.9	4.2	3.7	3.4	3.1	2.7	2.4	2.2	2.0
17.0		9.9	8.5	7.4	6.8	6.2	5.5	4.8	4.5	4.1
18.0		14.7	12.7	11.1	10.1	9.3	8.3	7.2	6.7	6.2
19.0		19.3	16.7	14.6	13.3	12.2	10.8	9.5	8.8	8.1
20.0		23.6	20.4	17.8	16.2	14.9	13.3	11.6	10.8	9.9
21.0		26.4	22.8	19.8	18.1	16.6	14.8	13.0	12.0	11.1
22.0		29.1	25.2	21.9	20.0	18.3	16.3	14.3	13.3	12.2
23.0		31.8	27.5	24.0	21.9	20.1	17.9	15.7	14.5	13.4
24.0		34.5	29.9	26.0	23.7	21.8	19.4	17.0	15.8	14.5
25.0		37.3	32.2	28.1	25.6	23.5	21.0	18.4	17.1	15.7
26.0		41.8	36.1	31.4	28.7	26.3	23.5	20.6	19.1	17.6
27.0		46.3	40.0	34.8	31.8	29.2	26.0	22.8	21.2	19.5
28.0		50.8	43.9	38.2	34.9	32.0	28.5	25.1	23.2	21.4
29.0		55.3	47.8	41.6	38.0	34.9	31.1	27.3	25.3	23.3
30.0		**59.8**	51.7	45.0	41.1	37.7	33.6	29.5	27.4	25.2
31.0		**64.1**	55.4	48.3	44.1	40.4	36.0	31.6	29.3	27.0
32.0		**68.0**	58.8	51.2	46.7	42.9	38.2	33.5	31.1	28.7
33.0		**71.9**	**62.2**	54.1	49.4	45.3	40.4	35.5	32.9	30.3
34.0		**75.8**	**65.5**	57.0	52.1	47.8	42.6	37.4	34.7	31.9
35.0		**79.6**	**68.8**	**59.9**	54.7	50.2	44.7	39.3	36.4	33.5
Approx. Moisture Control Setting		**107.5**	**106.3**	**105.0**	**103.8**	**102.5**	**101.3**	**100.0**	**98.8**	**97.5**
Test and Adjust		**Dump Time in seconds**		**21'=28**						

Basic Start Up Operating Instructions:

1. Turn both **Control power** & **24 volt power ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **4 dumps**. After the 4**th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Two times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

* Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **24'** with **1 15** h.p. 36" Fan & Heater, & **3** h.p. Inline Centrifugal Aeration Fan
FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content		120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
		FOOD GRADE								
16.0		7.1	6.1	5.3	4.9	4.5	4.0	3.5	3.2	3.0
17.0		14.3	12.4	10.8	9.8	9.0	8.0	7.0	6.5	6.0
18.0		21.3	18.5	16.1	14.7	13.5	12.0	10.5	9.7	9.0
19.0		28.0	24.2	21.1	19.3	17.7	15.7	13.7	12.8	11.8
20.0		34.3	29.6	25.8	23.5	21.6	19.2	16.8	15.6	14.4
21.0		38.2	33.1	28.8	26.3	24.1	21.4	18.8	17.4	16.1
22.0		42.2	36.5	31.8	29.0	26.6	23.7	20.7	19.2	17.7
23.0		46.2	39.9	34.7	31.7	29.1	25.9	22.7	21.0	19.4
24.0		50.1	43.4	37.7	34.4	31.6	28.1	24.6	22.8	21.0
25.0		54.1	46.8	40.7	37.2	34.1	30.4	26.6	24.7	22.7
26.0		60.6	52.4	45.6	41.6	38.2	34.0	29.8	27.6	25.4
27.0		**67.1**	58.0	50.5	46.1	42.3	37.7	33.0	30.6	28.2
28.0		**73.6**	**63.7**	55.4	50.6	46.4	41.3	36.2	33.6	30.9
29.0		**80.1**	**69.3**	**60.3**	55.0	50.5	45.0	39.4	36.5	33.7
30.0		**86.6**	**74.9**	**65.2**	59.5	54.6	48.6	42.6	39.5	36.4
31.0		**92.8**	**80.3**	**69.9**	**63.8**	58.5	52.1	45.7	42.3	39.0
32.0		**98.5**	**85.2**	**74.1**	**67.7**	**62.1**	55.3	48.4	44.9	41.4
33.0		**104.1**	**90.0**	**78.4**	**71.5**	**65.6**	58.4	51.2	47.5	43.8
34.0		**109.7**	**94.9**	**82.6**	**75.4**	**69.2**	**61.6**	54.0	50.0	46.1
35.0		**115.3**	**99.7**	**86.8**	**79.2**	**72.7**	**64.7**	56.7	52.6	48.4
Approx. Moisture Control Setting **Test and Adjust**		**107.5**	**106.3**	**105.0**	**103.8**	**102.5**	**101.3**	**100.0**	**98.8**	**97.5**

Dump Time in seconds   24'=32

Basic Start Up Operating Instructions:

1. Turn both **Control power** & **24 volt power ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **4 dumps**. After the 4**th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Two times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

*   Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **24'** with **1 15** h.p. 40" Fan & Heater, & **3** h.p. Inline Centrifugal Aeration Fan

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content		120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
					FOOD GRADE					
16.0		5.7	5.0	4.3	3.9	3.6	3.2	2.8	2.6	2.4
17.0		11.6	10.0	8.7	8.0	7.3	6.5	5.7	5.3	4.9
18.0		17.3	15.0	13.0	11.9	10.9	9.7	8.5	7.9	7.3
19.0		22.7	19.6	17.1	15.6	14.3	12.8	11.2	10.4	9.6
20.0		27.8	24.0	20.9	19.1	17.5	15.6	13.7	12.7	11.7
21.0		31.0	26.8	23.3	21.3	19.5	17.4	15.3	14.2	13.1
22.0		34.2	29.6	25.8	23.5	21.6	19.2	16.9	15.6	14.4
23.0		37.5	32.4	28.2	25.7	23.6	21.0	18.4	17.1	15.8
24.0		40.7	35.2	30.6	28.0	25.7	22.8	20.0	18.6	17.1
25.0		43.9	38.0	33.1	30.2	27.7	24.7	21.6	20.1	18.5
26.0		49.2	42.6	37.1	33.8	31.0	27.6	24.2	22.5	20.7
27.0		54.5	47.2	41.0	37.5	34.4	30.6	26.8	24.9	22.9
28.0		**59.8**	51.8	45.0	41.1	37.7	33.6	29.5	27.3	25.2
29.0		**65.1**	56.3	49.0	44.8	41.1	36.6	32.1	29.7	27.4
30.0		**70.4**	**60.9**	53.0	48.4	44.4	39.6	34.7	32.2	29.6
31.0		**75.5**	**65.3**	56.8	51.9	47.6	42.4	37.2	34.5	31.7
32.0		**80.1**	**69.3**	**60.3**	55.0	50.5	45.0	39.5	36.6	33.7
33.0		**84.6**	**73.2**	**63.7**	58.2	53.4	47.5	41.7	38.6	35.6
34.0		**89.2**	**77.2**	**67.2**	**61.3**	56.3	50.1	44.0	40.7	37.5
35.0		**93.7**	**81.1**	**70.6**	**64.4**	**59.1**	52.6	46.2	42.8	39.4
Approx. Moisture Control Setting **Test and Adjust**		**107.5**	**106.3**	**105.0**	**103.8**	**102.5**	**101.3**	**100.0**	**98.8**	**97.5**

Dump Time in seconds   24'=32

Basic Start Up Operating Instructions:

1. Turn both **Control power** & **24 volt power** **ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **4 dumps**. After the 4**th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Two times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

* Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **24'** with **1 20** h.p. 42" Fan & Heater, & **3** h.p. Inline Centrifugal Aeration Fan

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content		120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
		FOOD GRADE								
16.0		5.5	4.8	4.2	3.8	3.5	3.1	2.7	2.5	2.3
17.0		11.1	9.6	8.4	7.7	7.0	6.2	5.5	5.1	4.7
18.0		16.6	14.4	12.5	11.4	10.5	9.3	8.2	7.6	7.0
19.0		21.8	18.9	16.4	15.0	13.7	12.2	10.7	9.9	9.2
20.0		26.6	23.0	20.1	18.3	16.8	15.0	13.1	12.2	11.2
21.0		29.8	25.7	22.4	20.4	18.8	16.7	14.6	13.6	12.5
22.0		32.9	28.4	24.7	22.6	20.7	18.5	16.2	15.0	13.8
23.0		36.0	31.1	27.1	24.7	22.7	20.2	17.7	16.4	15.1
24.0		39.1	33.8	29.4	26.9	24.6	22.0	19.3	17.8	16.4
25.0		42.2	36.5	31.8	29.0	26.6	23.7	20.8	19.3	17.7
26.0		47.3	40.9	35.6	32.5	29.8	26.6	23.3	21.6	19.8
27.0		52.3	45.3	39.4	36.0	33.0	29.4	25.8	23.9	22.0
28.0		57.4	49.7	43.2	39.5	36.2	32.3	28.3	26.2	24.1
29.0		**62.5**	54.1	47.0	42.9	39.4	35.1	30.8	28.5	26.3
30.0		**67.6**	58.4	50.9	46.4	42.6	38.0	33.3	30.9	28.4
31.0		**72.4**	**62.7**	54.5	49.8	45.7	40.7	35.7	33.1	30.4
32.0		**76.8**	**66.5**	57.8	52.8	48.4	43.1	37.9	35.1	32.3
33.0		**81.2**	**70.3**	**61.1**	55.8	51.2	45.6	40.0	37.1	34.1
34.0		**85.6**	**74.1**	**64.4**	58.8	54.0	48.1	42.2	39.1	36.0
35.0		**89.9**	**77.8**	**67.7**	**61.8**	56.7	50.5	44.3	41.1	37.8
Approx. Moisture Control Setting		107.5	106.3	105.0	103.8	102.5	101.3	100.0	98.8	97.5

Test and Adjust   **Dump Time in seconds**   **24'=32**

Basic Start Up Operating Instructions: **20 H.P. Fans are no longer available**

1. Turn both **Control power** & **24 volt power ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **4 dumps**. After the 4**th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Two times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

* Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **24'** with **1 30** h.p. 42" Fan & Heater, & **3** h.p. Inline Centrifugal Aeration Fan

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content	FOOD GRADE	120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
16.0		5.1	4.4	3.8	3.5	3.2	2.8	2.5	2.3	2.1
17.0		10.2	8.8	7.7	7.0	6.4	5.7	5.0	4.6	4.3
18.0		15.2	13.2	11.5	10.5	9.6	8.5	7.5	6.9	6.4
19.0		20.0	17.3	15.0	13.7	12.6	11.2	9.8	9.1	8.3
20.0		24.4	21.1	18.4	16.8	15.4	13.7	12.0	11.1	10.2
21.0		27.2	23.6	20.5	18.7	17.2	15.3	13.4	12.4	11.4
22.0		30.1	26.0	22.6	20.7	19.0	16.9	14.8	13.7	12.6
23.0		32.9	28.5	24.8	22.6	20.7	18.5	16.2	15.0	13.8
24.0		35.7	30.9	26.9	24.5	22.5	20.1	17.6	16.3	15.0
25.0		38.5	33.3	29.0	26.5	24.3	21.7	19.0	17.6	16.2
26.0		43.2	37.3	32.5	29.7	27.2	24.3	21.3	19.7	18.1
27.0		47.8	41.4	36.0	32.9	30.1	26.9	23.6	21.8	20.1
28.0		52.4	45.4	39.5	36.0	33.1	29.5	25.8	23.9	22.0
29.0		57.1	49.4	43.0	39.2	36.0	32.1	28.1	26.0	24.0
30.0		**61.7**	53.4	46.4	42.4	38.9	34.7	30.4	28.2	25.9
31.0		**66.1**	57.2	49.8	45.5	41.7	37.1	32.6	30.2	27.8
32.0		**70.1**	**60.7**	52.8	48.2	44.2	39.4	34.6	32.0	29.4
33.0		**74.2**	**64.2**	55.8	51.0	46.8	41.6	36.5	33.8	31.1
34.0		**78.2**	**67.6**	58.8	53.7	49.3	43.9	38.5	35.7	32.8
35.0		**82.1**	**71.0**	**61.8**	56.4	51.8	46.1	40.5	37.5	34.5
Approx. Moisture Control Setting		**107.5**	**106.3**	**105.0**	**103.8**	**102.5**	**101.3**	**100.0**	**98.8**	**97.5**

Test and Adjust   **Dump Time in seconds   24'=32**

Basic Start Up Operating Instructions:

1. Turn both **Control power** & **24 volt power ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **4 dumps**. After the 4**th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Two times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

*   Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **27'** with **1 15** h.p. 36" Fan & Heater, & **3** h.p. Inline Centrifugal Aeration Fan

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content		120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
		FOOD GRADE								
16.0		8.7	7.6	6.6	6.0	5.5	4.9	4.3	4.0	3.7
17.0		17.6	15.3	13.3	12.1	11.1	9.9	8.7	8.0	7.4
18.0		26.3	22.7	19.8	18.1	16.6	14.8	13.0	12.0	11.0
19.0		34.5	29.9	26.0	23.7	21.8	19.4	17.0	15.7	14.5
20.0		42.2	36.5	31.8	29.0	26.6	23.7	20.8	19.3	17.7
21.0		47.1	40.7	35.4	32.4	29.7	26.4	23.2	21.5	19.8
22.0		52.0	44.9	39.1	35.7	32.8	29.2	25.6	23.7	21.8
23.0		56.8	49.2	42.8	39.1	35.8	31.9	28.0	25.9	23.9
24.0		**61.7**	53.4	46.5	42.4	38.9	34.7	30.4	28.2	25.9
25.0		**66.6**	57.6	50.1	45.8	42.0	37.4	32.8	30.4	28.0
26.0		**74.7**	**64.6**	56.2	51.3	47.1	41.9	36.8	34.1	31.4
27.0		**82.7**	**71.6**	**62.3**	56.9	52.2	46.4	40.7	37.7	34.8
28.0		**90.8**	**78.5**	**68.3**	**62.4**	57.2	51.0	44.7	41.4	38.1
29.0		**98.8**	**85.5**	**74.4**	**67.9**	**62.3**	55.5	48.6	45.1	41.5
30.0		**106.9**	**92.5**	**80.5**	**73.5**	**67.4**	**60.0**	52.6	48.8	44.9
31.0		**114.6**	**99.1**	**86.3**	**78.8**	**72.3**	**64.3**	56.4	52.3	48.1
32.0		**121.5**	**105.1**	**91.5**	**83.5**	**76.6**	**68.2**	**59.8**	55.4	51.1
33.0		**128.5**	**111.2**	**96.7**	**88.3**	**81.0**	**72.1**	**63.2**	58.6	54.0
34.0		**135.4**	**117.2**	**102.0**	**93.1**	**85.4**	**76.0**	**66.6**	**61.8**	56.9
35.0		**142.3**	**123.1**	**107.1**	**97.8**	**89.7**	**79.9**	**70.0**	**64.9**	59.8
Approx. Moisture Control Setting		107.5	106.3	105.0	103.8	102.5	101.3	100.0	98.8	97.5

Test and Adjust   **Dump Time in seconds**   **27'=36**

Basic Start Up Operating Instructions: **27' diameter Top Drys are Non Standard Special Order Systems**

1. Turn both **Control power** & **24 volt power** **ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **4 dumps**. After the 4**th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Two times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

*   Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **27'** with **1 15** h.p. 40" Fan & Heater, & **3** h.p. Inline Centrifugal Aeration Fan

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content		120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
	FOOD GRADE									
16.0		6.9	6.0	5.2	4.8	4.4	3.9	3.4	3.2	2.9
17.0		14.0	12.1	10.5	9.6	8.8	7.9	6.9	6.4	5.9
18.0		20.8	18.0	15.7	14.3	13.1	11.7	10.3	9.5	8.8
19.0		27.4	23.7	20.6	18.8	17.3	15.4	13.5	12.5	11.5
20.0		33.5	28.9	25.2	23.0	21.1	18.8	16.5	15.3	14.1
21.0		37.4	32.3	28.1	25.7	23.6	21.0	18.4	17.1	15.7
22.0		41.3	35.7	31.1	28.4	26.0	23.2	20.3	18.9	17.4
23.0		45.2	39.1	34.0	31.0	28.5	25.4	22.3	20.6	19.0
24.0		49.1	42.4	36.9	33.7	30.9	27.6	24.2	22.4	20.7
25.0		53.0	45.8	39.9	36.4	33.4	29.8	26.1	24.2	22.3
26.0		59.3	51.3	44.7	40.8	37.4	33.3	29.2	27.1	25.0
27.0		**65.7**	56.9	49.5	45.2	41.4	36.9	32.4	30.0	27.7
28.0		**72.1**	**62.4**	54.3	49.6	45.5	40.5	35.5	32.9	30.3
29.0		**78.5**	**67.9**	59.1	53.9	49.5	44.1	38.7	35.8	33.0
30.0		**84.9**	**73.4**	**63.9**	58.3	53.5	47.7	41.8	38.8	35.7
31.0		**91.0**	**78.7**	**68.5**	**62.5**	57.4	51.1	44.8	41.5	38.3
32.0		**96.5**	**83.5**	**72.6**	**66.3**	**60.8**	54.2	47.5	44.1	40.6
33.0		**102.0**	**88.2**	**76.8**	**70.1**	**64.3**	57.3	50.2	46.6	42.9
34.0		**107.5**	**93.0**	**80.9**	**73.9**	**67.8**	**60.4**	53.0	49.1	45.2
35.0		**112.9**	**97.7**	**85.0**	**77.6**	**71.2**	**63.4**	55.6	51.6	47.5
Approx. Moisture Control Setting		107.5	106.3	105.0	103.8	102.5	101.3	100.0	98.8	97.5

Test and Adjust   **Dump Time in seconds   27'=36**

Basic Start Up Operating Instructions: **27' diameter Top Drys are Non Standard Special Order Systems**

1. Turn both **Control power** & **24 volt power** **ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **4 dumps**. After the 4**th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Two times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

*   Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **27'** with **1 20** h.p. 42" Fan & Heater, & **3** h.p. Inline Centrifugal Aeration Fan

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content		FOOD GRADE 120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
16.0		6.7	5.8	5.0	4.6	4.2	3.7	3.3	3.0	2.8
17.0		13.5	11.6	10.1	9.2	8.5	7.5	6.6	6.1	5.6
18.0		20.1	17.4	15.1	13.8	12.6	11.2	9.8	9.1	8.4
19.0		26.3	22.8	19.8	18.1	16.6	14.8	12.9	12.0	11.0
20.0		32.2	27.9	24.2	22.1	20.3	18.1	15.8	14.7	13.5
21.0		35.9	31.1	27.1	24.7	22.7	20.2	17.6	16.4	15.1
22.0		39.7	34.3	29.9	27.3	25.0	22.3	19.5	18.1	16.7
23.0		43.4	37.6	32.7	29.8	27.4	24.4	21.3	19.8	18.2
24.0		47.2	40.8	35.5	32.4	29.7	26.5	23.2	21.5	19.8
25.0		50.9	44.0	38.3	35.0	32.1	28.6	25.0	23.2	21.4
26.0		57.0	49.3	42.9	39.2	35.9	32.0	28.0	26.0	24.0
27.0		**63.1**	54.6	47.5	43.4	39.8	35.4	31.0	28.8	26.6
28.0		**69.2**	59.8	52.1	47.5	43.6	38.8	34.1	31.6	29.1
29.0		**75.3**	**65.1**	56.7	51.7	47.5	42.3	37.1	34.4	31.7
30.0		**81.4**	**70.4**	**61.3**	55.9	51.3	45.7	40.1	37.2	34.3
31.0		**87.2**	**75.5**	**65.7**	59.9	55.0	49.0	43.0	39.9	36.8
32.0		**92.5**	**80.0**	**69.6**	**63.6**	58.3	52.0	45.6	42.3	39.0
33.0		**97.8**	**84.6**	**73.6**	**67.2**	**61.7**	54.9	48.2	44.7	41.2
34.0		**103.1**	**89.2**	**77.6**	**70.8**	**65.0**	57.9	50.8	47.1	43.5
35.0		**108.3**	**93.7**	**81.5**	**74.4**	**68.3**	**60.8**	53.4	49.5	45.7
Approx. Moisture Control Setting		**107.5**	**106.3**	**105.0**	**103.8**	**102.5**	**101.3**	**100.0**	**98.8**	**97.5**

Test and Adjust — **Dump Time in seconds** **27'=36** **20 H.P. Fans are no longer available**

Basic Start Up Operating Instructions: **27' diameter Top Drys are Non Standard Special Order Systems**

1. Turn both **Control power** & **24 volt power** **ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **4 dumps**. After the 4**th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Two times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

* Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **27'** with **1 30** h.p. 42" Fan & Heater, & **3** h.p. Inline Centrifugal Aeration Fan
FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content		FOOD GRADE								
		120 deg.	**130 deg.**	**140 deg.**	**150 deg.**	**160 deg.**	**170 deg.**	**180 deg.**	**190 deg.**	**200 deg.**
16.0		6.2	5.4	4.7	4.3	3.9	3.5	3.1	2.8	2.6
17.0		12.6	10.9	9.5	8.7	7.9	7.1	6.2	5.7	5.3
18.0		18.8	16.2	14.1	12.9	11.8	10.5	9.2	8.5	7.8
19.0		24.6	21.3	18.6	16.9	15.5	13.8	12.1	11.2	10.3
20.0		30.1	26.1	22.7	20.7	19.0	16.9	14.8	13.7	12.6
21.0		33.6	29.1	25.3	23.1	21.2	18.9	16.5	15.3	14.1
22.0		37.1	32.1	27.9	25.5	23.4	20.8	18.2	16.9	15.6
23.0		40.6	35.1	30.6	27.9	25.6	22.8	20.0	18.5	17.0
24.0		44.1	38.1	33.2	30.3	27.8	24.7	21.7	20.1	18.5
25.0		47.6	41.2	35.8	32.7	30.0	26.7	23.4	21.7	20.0
26.0		53.3	46.1	40.1	36.6	33.6	29.9	26.2	24.3	22.4
27.0		59.0	51.0	44.4	40.5	37.2	33.1	29.0	26.9	24.8
28.0		**64.7**	56.0	48.7	44.5	40.8	36.3	31.9	29.6	27.3
29.0		**70.4**	**60.9**	53.0	48.4	44.4	39.5	34.7	32.2	29.7
30.0		**76.1**	**65.9**	57.3	52.3	48.0	42.8	37.5	34.8	32.1
31.0		**81.6**	**70.6**	**61.4**	56.1	51.5	45.8	40.2	37.3	34.4
32.0		**86.6**	**74.9**	**65.2**	59.5	54.6	48.6	42.6	39.6	36.5
33.0		**91.5**	**79.2**	**68.9**	**62.9**	57.7	51.4	45.1	41.8	38.6
34.0		**96.5**	**83.4**	**72.6**	**66.3**	**60.8**	54.2	47.5	44.1	40.7
35.0		**101.3**	**87.7**	**76.3**	**69.6**	**63.9**	56.9	49.9	46.3	42.7
Approx. Moisture Control Setting		**107.5**	**106.3**	**105.0**	**103.8**	**102.5**	**101.3**	**100.0**	**98.8**	**97.5**
Test and Adjust		**Dump Time in seconds**		**27'=36**						

Basic Start Up Operating Instructions: 27' diameter Top Drys are Non Standard Special Order Systems

1. Turn both **Control power** & **24 volt power** **ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **4 dumps**. After the 4**th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Two times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

* Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **27'** with **1 40** h.p. 42" Fan & Heater, & **3** h.p. Inline Centrifugal Aeration Fan

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content	FOOD GRADE	120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
16.0		5.4	4.7	4.1	3.7	3.4	3.1	2.7	2.5	2.3
17.0		11.0	9.5	8.3	7.6	6.9	6.2	5.4	5.0	4.6
18.0		16.4	14.2	12.3	11.3	10.3	9.2	8.1	7.5	6.9
19.0		21.5	18.6	16.2	14.8	13.6	12.1	10.6	9.9	9.1
20.0		26.3	22.8	19.8	18.1	16.6	14.8	13.0	12.1	11.1
21.0		29.4	25.4	22.1	20.2	18.5	16.5	14.5	13.4	12.4
22.0		32.5	28.1	24.5	22.3	20.5	18.2	16.0	14.8	13.7
23.0		35.6	30.8	26.8	24.4	22.4	20.0	17.5	16.2	14.9
24.0		38.6	33.4	29.1	26.6	24.4	21.7	19.0	17.6	16.2
25.0		41.7	36.1	31.4	28.7	26.3	23.4	20.5	19.0	17.5
26.0		46.7	40.4	35.2	32.1	29.5	26.2	23.0	21.3	19.6
27.0		51.7	44.8	38.9	35.6	32.6	29.0	25.5	23.6	21.7
28.0		56.7	49.1	42.7	39.0	35.8	31.9	27.9	25.9	23.9
29.0		**61.8**	53.4	46.5	42.4	38.9	34.7	30.4	28.2	26.0
30.0		**66.8**	57.8	50.3	45.9	42.1	37.5	32.9	30.5	28.1
31.0		**71.6**	**61.9**	53.9	49.2	45.1	40.2	35.3	32.7	30.1
32.0		**75.9**	**65.7**	57.2	52.2	47.9	42.6	37.4	34.7	31.9
33.0		**80.3**	**69.4**	**60.4**	55.2	50.6	45.1	39.5	36.7	33.8
34.0		**84.6**	**73.2**	**63.7**	58.1	53.3	47.5	41.7	38.6	35.6
35.0		**88.9**	**76.9**	**66.9**	**61.1**	56.0	49.9	43.8	40.6	37.4
Approx. Moisture Control Setting		**107.5**	**106.3**	**105.0**	**103.8**	**102.5**	**101.3**	**100.0**	**98.8**	**97.5**

Test and Adjust   **Dump Time in seconds   27'=36**

Basic Start Up Operating Instructions: **27' diameter Top Drys are Non Standard Special Order Systems**

1. Turn both **Control power** & **24 volt power ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **4 dumps**. After the 4**th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Two times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

*   Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying.
     Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **27'** with **2 15** h.p. 36" Fans & Heaters, & **3** h.p. Inline Centrifugal Aeration Fan

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content		FOOD GRADE 120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
16.0		5.4	4.6	4.0	3.7	3.4	3.0	2.6	2.4	2.3
17.0		10.8	9.3	8.1	7.4	6.8	6.1	5.3	4.9	4.6
18.0		16.1	13.9	12.1	11.1	10.2	9.0	7.9	7.4	6.8
19.0		21.1	18.3	15.9	14.5	13.3	11.9	10.4	9.7	8.9
20.0		25.9	22.4	19.5	17.8	16.3	14.5	12.7	11.8	10.9
21.0		28.9	25.0	21.7	19.8	18.2	16.2	14.2	13.2	12.2
22.0		31.9	27.6	24.0	21.9	20.1	17.9	15.7	14.5	13.4
23.0		34.9	30.2	26.3	24.0	22.0	19.6	17.1	15.9	14.7
24.0		37.9	32.8	28.5	26.1	23.9	21.3	18.6	17.3	15.9
25.0		40.9	35.4	30.8	28.1	25.8	23.0	20.1	18.7	17.2
26.0		45.8	39.7	34.5	31.5	28.9	25.7	22.5	20.9	19.3
27.0		50.8	43.9	38.2	34.9	32.0	28.5	25.0	23.2	21.4
28.0		55.7	48.2	41.9	38.3	35.1	31.3	27.4	25.4	23.4
29.0		**60.6**	52.4	45.6	41.6	38.2	34.0	29.9	27.7	25.5
30.0		**65.5**	56.7	49.3	45.0	41.3	36.8	32.3	30.0	27.6
31.0		**70.2**	**60.7**	52.9	48.3	44.3	39.4	34.6	32.1	29.6
32.0		**74.5**	**64.4**	56.1	51.2	47.0	41.8	36.7	34.1	31.4
33.0		**78.7**	**68.1**	59.3	54.1	49.6	44.2	38.8	36.0	33.2
34.0		**83.0**	**71.8**	**62.5**	57.0	52.3	46.6	40.9	37.9	35.0
35.0		**87.2**	**75.4**	**65.6**	59.9	55.0	49.0	43.0	39.9	36.7
Approx. Moisture Control Setting		107.5	106.3	105.0	103.8	102.5	101.3	100.0	98.8	97.5
Test and Adjust		**Dump Time in seconds**		**27'=36**						

Basic Start Up Operating Instructions: **27' diameter Top Drys are Non Standard Special Order Systems**

1. Turn both **Control power** & **24 volt power** **ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **4 dumps**. After the 4**th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Two times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

*   Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **30'** with **1 15** h.p. 36" Fan & Heater, & **7** h.p. Inline Centrifugal Aeration Fan

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content	FOOD GRADE	120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
16.0		10.5	9.1	7.9	7.2	6.6	5.9	5.2	4.8	4.4
17.0		21.1	18.3	15.9	14.5	13.3	11.9	10.4	9.7	8.9
18.0		31.5	27.3	23.7	21.7	19.9	17.7	15.5	14.4	13.3
19.0		41.4	35.8	31.2	28.4	26.1	23.2	20.4	18.9	17.4
20.0		50.6	43.8	38.1	34.8	31.9	28.4	24.9	23.1	21.3
21.0		56.5	48.8	42.5	38.8	35.6	31.7	27.8	25.8	23.8
22.0		**62.3**	53.9	46.9	42.8	39.3	35.0	30.7	28.5	26.2
23.0		**68.2**	59.0	51.3	46.9	43.0	38.3	33.6	31.1	28.7
24.0		**74.1**	**64.1**	55.8	50.9	46.7	41.6	36.5	33.8	31.1
25.0		**79.9**	**69.1**	**60.2**	54.9	50.4	44.9	39.4	36.5	33.6
26.0		**89.6**	**77.5**	**67.4**	**61.6**	56.5	50.3	44.1	40.9	37.7
27.0		**99.2**	**85.8**	**74.7**	**68.2**	**62.6**	55.7	48.9	45.3	41.7
28.0		**108.9**	**94.2**	**82.0**	**74.8**	**68.6**	**61.1**	53.6	49.7	45.8
29.0		**118.5**	**102.5**	**89.2**	**81.4**	**74.7**	**66.5**	58.4	54.1	49.8
30.0		**128.1**	**110.9**	**96.5**	**88.1**	**80.8**	**72.0**	**63.1**	58.5	53.9
31.0		**137.4**	**118.8**	**103.4**	**94.4**	**86.6**	**77.1**	**67.6**	**62.7**	57.8
32.0		**145.7**	**126.0**	**109.7**	**100.1**	**91.9**	**81.8**	**71.7**	**66.5**	**61.3**
33.0		**154.0**	**133.3**	**116.0**	**105.9**	**97.1**	**86.5**	**75.8**	**70.3**	**64.8**
34.0		**162.4**	**140.5**	**122.2**	**111.6**	**102.4**	**91.2**	**79.9**	**74.1**	**68.3**
35.0		**170.6**	**147.6**	**128.4**	**117.2**	**107.5**	**95.8**	**84.0**	**77.9**	**71.7**
Approx. Moisture Control Setting		107.5	106.3	105.0	103.8	102.5	101.3	100.0	98.8	97.5

Test and Adjust   **Dump Time in seconds   30'=40**

Basic Start Up Operating Instructions:

1. Turn both **Control power** & **24 volt power** **ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **4 dumps**. After the 4**th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Two times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

*   Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **30'** with **1 15** h.p. 40" Fan & Heater, & **7** h.p. Inline Centrifugal Aeration Fan

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content	FOOD GRADE	120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
16.0		8.2	7.1	6.2	5.6	5.2	4.6	4.0	3.7	3.5
17.0		16.6	14.3	12.5	11.4	10.5	9.3	8.2	7.6	7.0
18.0		24.7	21.4	18.6	17.0	15.6	13.9	12.1	11.3	10.4
19.0		32.4	28.1	24.4	22.3	20.5	18.2	16.0	14.8	13.7
20.0		39.7	34.3	29.9	27.3	25.0	22.3	19.5	18.1	16.7
21.0		44.2	38.3	33.3	30.4	27.9	24.8	21.8	20.2	18.6
22.0		48.8	42.3	36.8	33.6	30.8	27.4	24.1	22.3	20.6
23.0		53.4	46.2	40.2	36.7	33.7	30.0	26.3	24.4	22.5
24.0		58.0	50.2	43.7	39.9	36.6	32.6	28.6	26.5	24.5
25.0		**62.6**	54.2	47.2	43.1	39.5	35.2	30.9	28.7	26.4
26.0		**70.2**	**60.7**	52.8	48.2	44.3	39.4	34.6	32.1	29.6
27.0		**77.7**	**67.3**	58.5	53.4	49.0	43.7	38.3	35.5	32.7
28.0		**85.3**	**73.8**	**64.2**	58.6	53.8	47.9	42.1	39.0	35.9
29.0		**92.8**	**80.3**	**69.9**	**63.8**	58.5	52.2	45.8	42.4	39.0
30.0		**100.4**	**86.8**	**75.6**	**69.0**	**63.3**	56.4	49.5	45.9	42.2
31.0		**107.6**	**93.1**	**81.0**	**74.0**	**67.9**	**60.5**	53.1	49.2	45.2
32.0		**114.1**	**98.7**	**85.9**	**78.4**	**72.0**	**64.1**	56.3	52.1	48.0
33.0		**120.7**	**104.4**	**90.8**	**82.9**	**76.1**	**67.8**	**59.5**	55.1	50.7
34.0		**127.2**	**110.0**	**95.8**	**87.4**	**80.2**	**71.5**	**62.7**	58.1	53.5
35.0		**133.6**	**115.6**	**100.6**	**91.8**	**84.3**	**75.1**	**65.9**	**61.0**	56.2
Approx. Moisture Control Setting		**107.5**	**106.3**	**105.0**	**103.8**	**102.5**	**101.3**	**100.0**	**98.8**	**97.5**

Test and Adjust   **Dump Time in seconds   30'=40**

Basic Start Up Operating Instructions:

1. Turn both **Control power** & **24 volt power ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **4 dumps**. After the 4**th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Two times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

*   Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **30'** with **1 20** h.p. 42" Fan & Heater, & **7** h.p. Inline Centrifugal Aeration Fan

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content		120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
	FOOD GRADE									
16.0		7.7	6.7	5.8	5.3	4.9	4.3	3.8	3.5	3.2
17.0		15.6	13.5	11.8	10.8	9.9	8.8	7.7	7.1	6.6
18.0		23.3	20.2	17.6	16.0	14.7	13.1	11.5	10.6	9.8
19.0		30.6	26.5	23.0	21.0	19.3	17.2	15.1	13.9	12.8
20.0		37.4	32.4	28.2	25.7	23.6	21.0	18.4	17.1	15.7
21.0		41.8	36.1	31.4	28.7	26.3	23.4	20.5	19.0	17.5
22.0		46.1	39.9	34.7	31.7	29.1	25.9	22.7	21.0	19.4
23.0		50.5	43.7	38.0	34.7	31.8	28.3	24.8	23.0	21.2
24.0		54.8	47.4	41.3	37.7	34.6	30.8	27.0	25.0	23.1
25.0		59.2	51.2	44.5	40.7	37.3	33.2	29.1	27.0	24.9
26.0		**66.3**	57.3	49.9	45.6	41.8	37.2	32.6	30.3	27.9
27.0		**73.4**	**63.5**	55.3	50.5	46.3	41.2	36.1	33.5	30.9
28.0		**80.6**	**69.7**	**60.7**	55.4	50.8	45.2	39.7	36.8	33.9
29.0		**87.7**	**75.9**	**66.0**	**60.3**	55.3	49.2	43.2	40.0	36.9
30.0		**94.8**	**82.0**	**71.4**	**65.2**	59.8	53.3	46.7	43.3	39.9
31.0		**101.7**	**88.0**	**76.5**	**69.9**	**64.1**	57.1	50.1	46.4	42.8
32.0		**107.8**	**93.3**	**81.2**	**74.1**	**68.0**	**60.5**	53.1	49.2	45.4
33.0		**114.0**	**98.6**	**85.8**	**78.3**	**71.9**	**64.0**	56.1	52.0	48.0
34.0		**120.2**	**104.0**	**90.5**	**82.6**	**75.8**	**67.5**	59.2	54.9	50.6
35.0		**126.2**	**109.2**	**95.0**	**86.8**	**79.6**	**70.9**	**62.2**	57.6	53.1
Approx. Moisture Control Setting		107.5	106.3	105.0	103.8	102.5	101.3	100.0	98.8	97.5

Test and Adjust   **Dump Time in seconds**   **30'=40**

Basic Start Up Operating Instructions: **20 H.P. Fans are no longer available**

1. Turn both **Control power** & **24 volt power** **ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **4 dumps**. After the 4**th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Two times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

*   Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **30'** with **1 30** h.p. 42" Fan & Heater, & **7** h.p. Inline Centrifugal Aeration Fan

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content		FOOD GRADE								
		120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
16.0		7.2	6.2	5.4	5.0	4.6	4.1	3.6	3.3	3.0
17.0		14.6	12.6	11.0	10.0	9.2	8.2	7.2	6.7	6.1
18.0		21.7	18.8	16.4	14.9	13.7	12.2	10.7	9.9	9.2
19.0		28.5	24.7	21.5	19.6	18.0	16.0	14.1	13.0	12.0
20.0		34.9	30.2	26.3	24.0	22.0	19.6	17.2	16.0	14.7
21.0		39.0	33.7	29.3	26.8	24.6	21.9	19.2	17.8	16.4
22.0		43.0	37.2	32.4	29.6	27.1	24.2	21.2	19.7	18.1
23.0		47.1	40.7	35.4	32.4	29.7	26.4	23.2	21.5	19.8
24.0		51.1	44.2	38.5	35.1	32.2	28.7	25.2	23.4	21.5
25.0		55.2	47.7	41.6	37.9	34.8	31.0	27.2	25.2	23.2
26.0		**61.9**	53.5	46.6	42.5	39.0	34.7	30.5	28.2	26.0
27.0		**68.5**	**59.3**	51.6	47.1	43.2	38.5	33.8	31.3	28.8
28.0		**75.2**	**65.0**	56.6	51.7	47.4	42.2	37.0	34.3	31.6
29.0		**81.8**	**70.8**	**61.6**	56.2	51.6	46.0	40.3	37.4	34.4
30.0		**88.5**	**76.6**	**66.6**	**60.8**	55.8	49.7	43.6	40.4	37.2
31.0		**94.9**	**82.1**	**71.4**	**65.2**	**59.8**	53.3	46.7	43.3	39.9
32.0		**100.6**	**87.0**	**75.8**	**69.2**	**63.4**	56.5	49.6	45.9	42.3
33.0		**106.4**	**92.0**	**80.1**	**73.1**	**67.1**	**59.7**	52.4	48.6	44.7
34.0		**112.1**	**97.0**	**84.4**	**77.1**	**70.7**	**63.0**	55.2	51.2	47.1
35.0		**117.8**	**101.9**	**88.7**	**81.0**	**74.3**	**66.2**	58.0	53.8	49.5
Approx. Moisture Control Setting		**107.5**	**106.3**	**105.0**	**103.8**	**102.5**	**101.3**	**100.0**	**98.8**	**97.5**
Test and Adjust		**Dump Time in seconds**		**30'=40**						

Basic Start Up Operating Instructions:

1. Turn both **Control power** & **24 volt power ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **4 dumps**. After the 4**th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Two times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

*   Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **30'** with **1 40** h.p. 42" Fan & Heater, & **7** h.p. Inline Centrifugal Aeration Fan

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content		120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
				FOOD GRADE						
16.0		6.3	5.5	4.8	4.4	4.0	3.6	3.1	2.9	2.7
17.0		12.8	11.1	9.6	8.8	8.1	7.2	6.3	5.9	5.4
18.0		19.1	16.5	14.4	13.1	12.0	10.7	9.4	8.7	8.0
19.0		25.0	21.7	18.9	17.2	15.8	14.1	12.4	11.5	10.6
20.0		30.6	26.5	23.0	21.0	19.3	17.2	15.1	14.0	12.9
21.0		34.2	29.6	25.7	23.5	21.5	19.2	16.8	15.6	14.4
22.0		37.7	32.6	28.4	25.9	23.8	21.2	18.6	17.2	15.9
23.0		41.3	35.7	31.1	28.4	26.0	23.2	20.3	18.8	17.3
24.0		44.8	38.8	33.7	30.8	28.3	25.2	22.1	20.4	18.8
25.0		48.4	41.8	36.4	33.2	30.5	27.2	23.8	22.1	20.3
26.0		54.2	46.9	40.8	37.3	34.2	30.4	26.7	24.7	22.8
27.0		**60.0**	51.9	45.2	41.3	37.9	33.7	29.6	27.4	25.2
28.0		**65.9**	57.0	49.6	45.3	41.5	37.0	32.4	30.1	27.7
29.0		**71.7**	**62.0**	54.0	49.3	45.2	40.3	35.3	32.7	30.1
30.0		**77.6**	**67.1**	58.4	53.3	48.9	43.6	38.2	35.4	32.6
31.0		**83.1**	**71.9**	**62.6**	57.1	52.4	46.7	41.0	37.9	34.9
32.0		**88.2**	**76.3**	**66.4**	**60.6**	55.6	49.5	43.4	40.2	37.1
33.0		**93.2**	**80.6**	**70.2**	**64.1**	58.8	52.3	45.9	42.6	39.2
34.0		**98.3**	**85.0**	**74.0**	**67.5**	**62.0**	55.2	48.4	44.9	41.3
35.0		**103.2**	**89.3**	**77.7**	**70.9**	**65.1**	58.0	50.8	47.1	43.4
Approx. Moisture Control Setting		**107.5**	**106.3**	**105.0**	**103.8**	**102.5**	**101.3**	**100.0**	**98.8**	**97.5**

Test and Adjust   **Dump Time in seconds   30'=40**

Basic Start Up Operating Instructions:

1. Turn both **Control power** & **24 volt power ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **4 dumps**. After the 4**th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Two times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

*   Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **30'** with **2 15** h.p. 36" Fans & Heaters, & **7** h.p. Inline Centrifugal Aeration Fan

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content		120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
		FOOD GRADE								
16.0		6.2	5.4	4.7	4.3	3.9	3.5	3.1	2.8	2.6
17.0		12.5	10.8	9.4	8.6	7.9	7.0	6.2	5.7	5.3
18.0		18.7	16.2	14.1	12.8	11.8	10.5	9.2	8.5	7.8
19.0		24.5	21.2	18.5	16.9	15.5	13.8	12.1	11.2	10.3
20.0		30.0	25.9	22.6	20.6	18.9	16.9	14.8	13.7	12.6
21.0		33.5	28.9	25.2	23.0	21.1	18.8	16.5	15.3	14.1
22.0		37.0	32.0	27.8	25.4	23.3	20.8	18.2	16.9	15.5
23.0		40.4	35.0	30.4	27.8	25.5	22.7	20.0	18.5	17.0
24.0		43.9	38.0	33.1	30.2	27.7	24.7	21.7	20.1	18.4
25.0		47.4	41.0	35.7	32.6	29.9	26.7	23.4	21.7	19.9
26.0		53.1	46.0	40.0	36.5	33.5	29.9	26.2	24.3	22.3
27.0		58.8	50.9	44.3	40.4	37.1	33.1	29.0	26.9	24.7
28.0		**64.6**	55.8	48.6	44.4	40.7	36.3	31.8	29.5	27.2
29.0		**70.3**	**60.8**	52.9	48.3	44.3	39.5	34.6	32.1	29.6
30.0		**76.0**	**65.7**	57.2	52.2	47.9	42.7	37.4	34.7	32.0
31.0		**81.4**	**70.5**	**61.3**	56.0	51.3	45.7	40.1	37.2	34.3
32.0		**86.4**	**74.7**	**65.0**	**59.4**	54.5	48.5	42.5	39.5	36.4
33.0		**91.3**	**79.0**	**68.7**	**62.8**	57.6	51.3	45.0	41.7	38.5
34.0		**96.3**	**83.3**	**72.5**	**66.2**	**60.7**	54.0	47.4	44.0	40.5
35.0		**101.1**	**87.5**	**76.1**	**69.5**	**63.8**	56.8	49.8	46.2	42.6
Approx. Moisture Control Setting		**107.5**	**106.3**	**105.0**	**103.8**	**102.5**	**101.3**	**100.0**	**98.8**	**97.5**

Test and Adjust　　　　　**Dump Time in seconds　　30'=40**

Basic Start Up Operating Instructions:

1. Turn both **Control power** & **24 volt power ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press **Green Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **4 dumps**. After the 4**th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Two times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

* Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **30'** with **2 15** h.p. 40" Fans & Heaters, & **7** h.p. Inline Centrifugal Aeration Fan

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content		120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
				FOOD GRADE						
16.0		5.1	4.4	3.8	3.5	3.2	2.8	2.5	2.3	2.1
17.0		10.2	8.8	7.7	7.0	6.4	5.7	5.0	4.6	4.3
18.0		15.2	13.2	11.5	10.5	9.6	8.5	7.5	6.9	6.4
19.0		20.0	17.3	15.0	13.7	12.6	11.2	9.8	9.1	8.3
20.0		24.4	21.1	18.4	16.8	15.4	13.7	12.0	11.1	10.2
21.0		27.2	23.6	20.5	18.7	17.2	15.3	13.4	12.4	11.4
22.0		30.1	26.0	22.6	20.7	19.0	16.9	14.8	13.7	12.6
23.0		32.9	28.5	24.8	22.6	20.7	18.5	16.2	15.0	13.8
24.0		35.7	30.9	26.9	24.5	22.5	20.1	17.6	16.3	15.0
25.0		38.5	33.3	29.0	26.5	24.3	21.7	19.0	17.6	16.2
26.0		43.2	37.4	32.5	29.7	27.2	24.3	21.3	19.7	18.2
27.0		47.9	41.4	36.0	32.9	30.2	26.9	23.6	21.8	20.1
28.0		52.5	45.4	39.5	36.1	33.1	29.5	25.8	24.0	22.1
29.0		57.2	49.5	43.1	39.3	36.1	32.1	28.1	26.1	24.0
30.0		**61.9**	53.5	46.6	42.5	39.0	34.7	30.4	28.2	26.0
31.0		**66.3**	57.4	49.9	45.6	41.8	37.2	32.6	30.2	27.9
32.0		**70.3**	**60.8**	52.9	48.3	44.3	39.5	34.6	32.1	29.6
33.0		**74.3**	**64.3**	56.0	51.1	46.9	41.7	36.5	33.9	31.3
34.0		**78.4**	**67.8**	59.0	53.9	49.4	44.0	38.5	35.7	32.9
35.0		**82.3**	**71.2**	**62.0**	56.6	51.9	46.2	40.5	37.5	34.6
Approx. Moisture Control Setting		**107.5**	**106.3**	**105.0**	**103.8**	**102.5**	**101.3**	**100.0**	**98.8**	**97.5**
Test and Adjust		**Dump Time in seconds**		**30'=40**						

Basic Start Up Operating Instructions:

1. Turn both **Control power** & **24 volt power ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **4 dumps**. After the 4**th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Two times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

* Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **36'** with **1 30** h.p. 42" Fan & Heater, & **7** h.p. Inline Centrifugal Aeration Fan

This Chart is based on dumping 1/4 of the chamber at a time

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content		FOOD GRADE								
		120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
16.0		7.7	6.7	5.8	5.3	4.9	4.3	3.8	3.5	3.2
17.0		15.6	13.5	11.7	10.7	9.8	8.7	7.6	7.1	6.5
18.0		23.2	20.1	17.5	15.9	14.6	13.0	11.4	10.6	9.7
19.0		30.5	26.3	22.9	20.9	19.2	17.1	15.0	13.9	12.8
20.0		37.2	32.2	28.0	25.6	23.5	20.9	18.3	17.0	15.6
21.0		41.5	35.9	31.3	28.5	26.2	23.3	20.4	18.9	17.4
22.0		45.8	39.7	34.5	31.5	28.9	25.7	22.6	20.9	19.2
23.0		50.1	43.4	37.8	34.5	31.6	28.2	24.7	22.9	21.0
24.0		54.5	47.1	41.0	37.4	34.3	30.6	26.8	24.8	22.9
25.0		58.8	50.8	44.2	40.4	37.1	33.0	29.0	26.8	24.7
26.0		**65.8**	56.9	49.6	45.2	41.5	37.0	32.4	30.0	27.7
27.0		**72.9**	**63.1**	54.9	50.1	46.0	40.9	35.9	33.3	30.6
28.0		**80.0**	**69.2**	**60.2**	55.0	50.4	44.9	39.4	36.5	33.6
29.0		**87.0**	**75.3**	**65.5**	59.8	54.9	48.9	42.9	39.7	36.6
30.0		**94.1**	**81.4**	**70.8**	**64.7**	59.3	52.8	46.4	43.0	39.6
31.0		**100.9**	**87.3**	**75.9**	**69.3**	**63.6**	56.6	49.7	46.1	42.5
32.0		**107.0**	**92.5**	**80.5**	**73.5**	**67.5**	**60.1**	52.7	48.9	45.0
33.0		**113.1**	**97.8**	**85.1**	**77.7**	**71.3**	**63.5**	55.7	51.7	47.6
34.0		**119.2**	**103.1**	**89.7**	**81.9**	**75.2**	**66.9**	58.7	54.4	50.2
35.0		**125.2**	**108.3**	**94.3**	**86.1**	**79.0**	**70.3**	**61.7**	57.2	52.7
Approx. Moisture Control Setting Test and Adjust		107.5	106.3	105.0	103.8	102.5	101.3	100.0	98.8	97.5

Dump Time = 36 seconds

Basic Start Up Operating Instructions:

1. Turn both **Control power** & **24 volt power** **ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **5 dumps**. After the **5th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Three times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

* Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **36'** with **1 40** h.p. 42" Fan & Heater, & **7** h.p. Inline Centrifugal Aeration Fan

This Chart is based on dumping 1/4 of the chamber at a time

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content		120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
		FOOD GRADE								
16.0		6.6	5.7	5.0	4.6	4.2	3.7	3.3	3.0	2.8
17.0		13.4	11.6	10.1	9.2	8.4	7.5	6.6	6.1	5.6
18.0		19.9	17.2	15.0	13.7	12.6	11.2	9.8	9.1	8.4
19.0		26.2	22.6	19.7	18.0	16.5	14.7	12.9	12.0	11.0
20.0		32.0	27.7	24.1	22.0	20.2	18.0	15.8	14.6	13.5
21.0		35.7	30.9	26.9	24.6	22.5	20.1	17.6	16.3	15.1
22.0		39.5	34.1	29.7	27.1	24.9	22.2	19.4	18.0	16.6
23.0		43.2	37.4	32.5	29.7	27.2	24.3	21.3	19.7	18.2
24.0		46.9	40.6	35.3	32.3	29.6	26.4	23.1	21.4	19.7
25.0		50.7	43.8	38.1	34.8	32.0	28.5	25.0	23.1	21.3
26.0		56.8	49.1	42.7	39.0	35.8	31.9	28.0	25.9	23.9
27.0		**62.9**	54.4	47.3	43.2	39.6	35.3	31.0	28.7	26.4
28.0		**68.9**	**59.6**	51.9	47.4	43.5	38.7	34.0	31.5	29.0
29.0		**75.0**	**64.9**	56.5	51.6	47.3	42.1	37.0	34.3	31.6
30.0		**81.1**	**70.2**	**61.1**	55.8	51.2	45.6	40.0	37.1	34.1
31.0		**87.0**	**75.2**	**65.5**	**59.8**	54.8	48.8	42.9	39.7	36.6
32.0		**92.2**	**79.8**	**69.4**	**63.4**	58.2	51.8	45.5	42.1	38.8
33.0		**97.5**	**84.4**	**73.4**	**67.0**	**61.5**	54.8	48.0	44.5	41.0
34.0		**102.8**	**88.9**	**77.4**	**70.6**	**64.8**	57.7	50.6	46.9	43.2
35.0		**108.0**	**93.4**	**81.3**	**74.2**	**68.1**	**60.6**	53.2	49.3	45.4
Approx. Moisture Control Setting Test and Adjust		107.5	106.3	105.0	103.8	102.5	101.3	100.0	98.8	97.5

Dump Time = 36 seconds

Basic Start Up Operating Instructions:

1. Turn both **Control power** & **24 volt power** **ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **5 dumps**. After the **5th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Three times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

* Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **36'** with **2 15** h.p. 36" Fans & Heaters, & **7** h.p. Inline Centrifugal Aeration Fan

This Chart is based on dumping 1/4 of the chamber at a time

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content		120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
	FOOD GRADE									
16.0		6.4	5.5	4.8	4.4	4.0	3.6	3.1	2.9	2.7
17.0		12.8	11.1	9.7	8.8	8.1	7.2	6.3	5.8	5.4
18.0		19.1	16.5	14.4	13.1	12.1	10.7	9.4	8.7	8.0
19.0		25.1	21.7	18.9	17.3	15.8	14.1	12.3	11.4	10.6
20.0		30.7	26.5	23.1	21.1	19.4	17.2	15.1	14.0	12.9
21.0		34.2	29.6	25.8	23.5	21.6	19.2	16.8	15.6	14.4
22.0		37.8	32.7	28.4	26.0	23.8	21.2	18.6	17.2	15.9
23.0		41.3	35.7	31.1	28.4	26.1	23.2	20.3	18.9	17.4
24.0		44.9	38.8	33.8	30.8	28.3	25.2	22.1	20.5	18.9
25.0		48.4	41.9	36.4	33.3	30.5	27.2	23.9	22.1	20.4
26.0		54.2	46.9	40.8	37.3	34.2	30.5	26.7	24.8	22.8
27.0		**60.1**	52.0	45.2	41.3	37.9	33.7	29.6	27.5	25.3
28.0		**65.9**	57.0	49.6	45.3	41.6	37.0	32.5	30.1	27.7
29.0		**71.7**	**62.0**	54.0	49.3	45.2	40.3	35.4	32.8	30.2
30.0		**77.6**	**67.1**	58.4	53.3	48.9	43.6	38.3	35.4	32.6
31.0		**83.1**	**71.9**	**62.6**	57.1	52.4	46.7	41.0	38.0	35.0
32.0		**88.2**	**76.3**	**66.4**	**60.6**	55.6	49.5	43.5	40.3	37.1
33.0		**93.2**	**80.6**	**70.2**	**64.1**	58.8	52.4	46.0	42.6	39.2
34.0		**98.3**	**85.0**	**74.0**	**67.5**	**62.0**	55.2	48.5	44.9	41.3
35.0		**103.2**	**89.3**	**77.7**	**70.9**	**65.1**	58.0	50.9	47.2	43.4
Approx. Moisture Control Setting Test and Adjust		107.5	106.3	105.0	103.8	102.5	101.3	100.0	98.8	97.5

Dump Time = 36 seconds

Basic Start Up Operating Instructions:

1. Turn both **Control power** & **24 volt power** **ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **5 dumps**. After the **5th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Three times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

* Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **36'** with **2 15** h.p. 40" Fans & Heaters, & **7** h.p. Inline Centrifugal Aeration Fan

This Chart is based on dumping 1/4 of the chamber at a time

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content		120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
	FOOD GRADE									
16.0		5.0	4.3	3.7	3.4	3.1	2.8	2.5	2.3	2.1
17.0		10.0	8.7	7.6	6.9	6.3	5.6	5.0	4.6	4.2
18.0		15.0	12.9	11.3	10.3	9.4	8.4	7.4	6.8	6.3
19.0		19.7	17.0	14.8	13.5	12.4	11.0	9.7	9.0	8.2
20.0		24.0	20.8	18.1	16.5	15.2	13.5	11.9	11.0	10.1
21.0		26.8	23.2	20.2	18.4	16.9	15.1	13.2	12.2	11.2
22.0		29.6	25.6	22.3	20.3	18.7	16.6	14.6	13.5	12.4
23.0		32.4	28.0	24.4	22.3	20.4	18.2	15.9	14.8	13.6
24.0		35.2	30.4	26.5	24.2	22.2	19.7	17.3	16.1	14.8
25.0		37.9	32.8	28.6	26.1	23.9	21.3	18.7	17.3	16.0
26.0		42.5	36.8	32.0	29.2	26.8	23.9	20.9	19.4	17.9
27.0		47.1	40.7	35.4	32.4	29.7	26.4	23.2	21.5	19.8
28.0		51.6	44.7	38.9	35.5	32.6	29.0	25.4	23.6	21.7
29.0		56.2	48.6	42.3	38.6	35.4	31.6	27.7	25.7	23.7
30.0		**60.8**	52.6	45.8	41.8	38.3	34.1	29.9	27.8	25.6
31.0		**65.2**	56.4	49.1	44.8	41.1	36.6	32.1	29.7	27.4
32.0		**69.1**	**59.8**	52.0	47.5	43.6	38.8	34.0	31.6	29.1
33.0		**73.1**	**63.2**	55.0	50.2	46.1	41.0	36.0	33.4	30.7
34.0		**77.0**	**66.6**	58.0	52.9	48.6	43.2	37.9	35.2	32.4
35.0		**80.9**	**70.0**	**60.9**	55.6	51.0	45.4	39.8	36.9	34.0
Approx. Moisture Control Setting Test and Adjust		**107.5**	**106.3**	**105.0**	**103.8**	**102.5**	**101.3**	**100.0**	**98.8**	**97.5**

Dump Time = 36 seconds

Basic Start Up Operating Instructions:

1. Turn both **Control power** & **24 volt power** **ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **5 dumps**. After the **5th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Three times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

*   Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **36'** with **2 20** h.p. 42" Fans & Heaters, & **7** h.p. Inline Centrifugal Aeration Fan

This Chart is based on dumping 1/4 of the chamber at a time

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content		FOOD GRADE 120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
16.0		4.7	4.0	3.5	3.2	2.9	2.6	2.3	2.1	2.0
17.0		9.4	8.1	7.1	6.5	5.9	5.3	4.6	4.3	4.0
18.0		14.0	12.1	10.5	9.6	8.8	7.8	6.9	6.4	5.9
19.0		18.4	15.9	13.8	12.6	11.6	10.3	9.0	8.4	7.7
20.0		22.5	19.4	16.9	15.5	14.2	12.6	11.0	10.2	9.5
21.0		25.1	21.7	18.9	17.2	15.8	14.1	12.3	11.4	10.5
22.0		27.7	23.9	20.8	19.0	17.4	15.5	13.6	12.6	11.6
23.0		30.3	26.2	22.8	20.8	19.1	17.0	14.9	13.8	12.7
24.0		32.9	28.4	24.7	22.6	20.7	18.5	16.2	15.0	13.8
25.0		35.4	30.7	26.7	24.4	22.4	19.9	17.5	16.2	14.9
26.0		39.7	34.4	29.9	27.3	25.1	22.3	19.6	18.2	16.7
27.0		44.0	38.1	33.1	30.2	27.8	24.7	21.7	20.1	18.5
28.0		48.3	41.8	36.4	33.2	30.5	27.1	23.8	22.1	20.3
29.0		52.6	45.5	39.6	36.1	33.2	29.5	25.9	24.0	22.1
30.0		56.9	49.2	42.8	39.1	35.9	32.0	28.1	26.0	23.9
31.0		**61.0**	52.7	45.9	41.9	38.4	34.3	30.1	27.9	25.6
32.0		**64.6**	55.9	48.7	44.4	40.8	36.3	31.9	29.5	27.2
33.0		**68.3**	59.1	51.5	47.0	43.1	38.4	33.7	31.2	28.8
34.0		**72.0**	**62.3**	54.2	49.5	45.4	40.5	35.5	32.9	30.3
35.0		**75.7**	**65.5**	57.0	52.0	47.7	42.5	37.3	34.6	31.8
Approx. Moisture Control Setting Test and Adjust		**107.5**	**106.3**	**105.0**	**103.8**	**102.5**	**101.3**	**100.0**	**98.8**	**97.5**

Dump Time = 36 seconds

Basic Start Up Operating Instructions: **20 H.P. Fans are no longer available**

1. Turn both **Control power** & **24 volt power** **ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **5 dumps**. After the **5th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Three times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

*   Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying.
Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow **36'** with **2 30** h.p. 42" Fans & Heaters, & **7** h.p. Inline Centrifugal Aeration Fan

This Chart is based on dumping 1/4 of the chamber at a time

FOR CORN dried to 15% at 45 deg. Ambient Temperature

Moisture Content		FOOD GRADE								
		120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	190 deg.	200 deg.
16.0		4.3	3.7	3.3	3.0	2.7	2.4	2.1	2.0	1.8
17.0		8.8	7.6	6.6	6.0	5.5	4.9	4.3	4.0	3.7
18.0		13.0	11.3	9.8	9.0	8.2	7.3	6.4	6.0	5.5
19.0		17.1	14.8	12.9	11.8	10.8	9.6	8.5	7.8	7.2
20.0		20.9	18.1	15.8	14.4	13.2	11.8	10.4	9.6	8.8
21.0		23.4	20.2	17.6	16.1	14.7	13.1	11.5	10.7	9.8
22.0		25.8	22.3	19.4	17.7	16.3	14.5	12.7	11.8	10.8
23.0		28.2	24.4	21.2	19.4	17.8	15.8	13.9	12.9	11.9
24.0		30.6	26.5	23.1	21.1	19.3	17.2	15.1	14.0	12.9
25.0		33.1	28.6	24.9	22.7	20.9	18.6	16.3	15.1	14.0
26.0		37.1	32.1	27.9	25.5	23.4	20.8	18.2	16.9	15.6
27.0		41.1	35.5	30.9	28.2	25.9	23.0	20.2	18.8	17.3
28.0		45.1	39.0	33.9	31.0	28.4	25.3	22.2	20.6	19.0
29.0		49.1	42.4	36.9	33.7	30.9	27.5	24.1	22.4	20.7
30.0		53.1	45.9	39.9	36.5	33.5	29.8	26.1	24.2	22.4
31.0		56.9	49.2	42.8	39.1	35.9	31.9	28.0	26.0	24.0
32.0		**60.3**	52.2	45.4	41.5	38.0	33.9	29.7	27.5	25.4
33.0		**63.8**	55.2	48.0	43.8	40.2	35.8	31.4	29.1	26.9
34.0		**67.2**	58.1	50.6	46.2	42.4	37.7	33.1	30.7	28.3
35.0		**70.6**	**61.1**	53.2	48.5	44.5	39.6	34.7	32.2	29.7
Approx. Moisture Control Setting Test and Adjust		**107.5**	**106.3**	**105.0**	**103.8**	**102.5**	**101.3**	**100.0**	**98.8**	**97.5**

Dump Time = 36 seconds

Basic Start Up Operating Instructions:

1. Turn both **Control power** & **24 volt power** **ON**, then when you see the Date press the **Reset** key on the Keypad.

2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press G**reen Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.

3. Use **Stop Button** to stop dryer, or to reset a warning on the screen

4. Use **Time & Temperature** on the first **5 dumps**. After the **5th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Three times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

* Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

4/13/2005