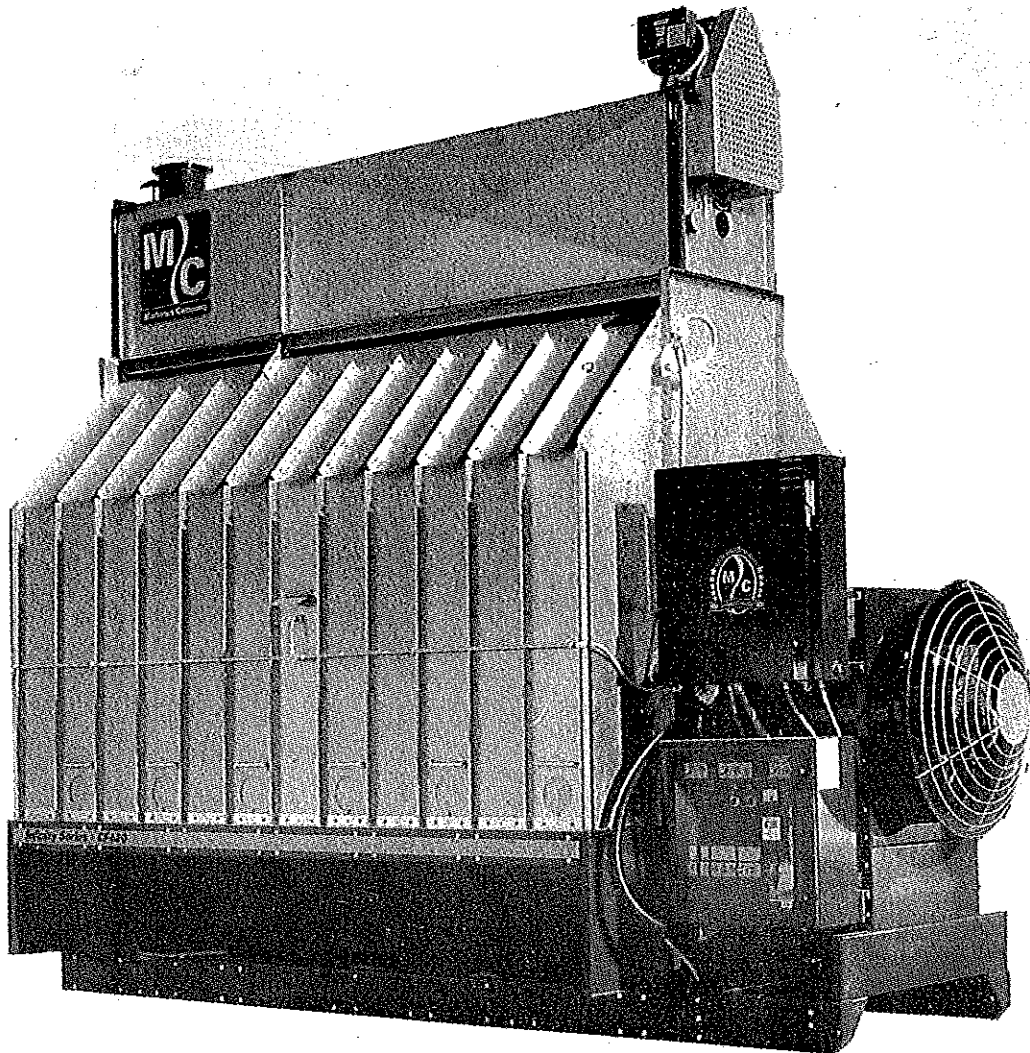




INFINITY SERIES
Models CF 410, 420, & 730
(EM and EMS)
Continuous Flow Grain Dryers
(Starting w/Serial No. 58161)



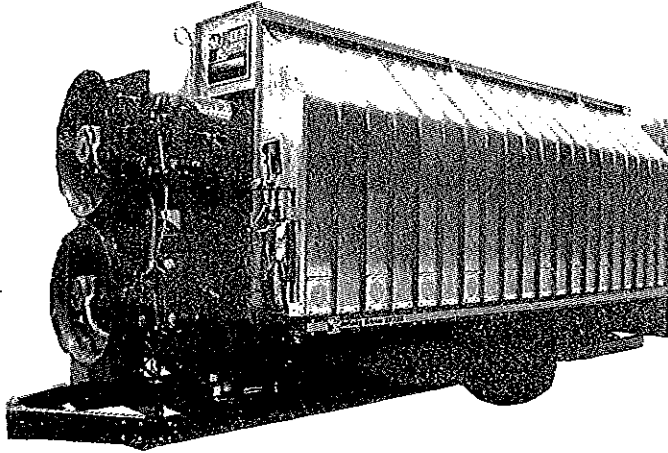
Model CF420 Shown

PARTS CATALOG

Form No. CF385 May 2004

Mathews Company / 500 Industrial Avenue
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730



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NOTES

INTRODUCTION

Parts Ordering Instructions

1. Order parts from your local M-C Dealer or distributor.
2. Always furnish the Grain Dryer model and serial number. This information is stamped on the serial number plate.
3. When ordering parts be sure to furnish the part number, description and quantity required.

NOTE: Attaching hardware is listed (but not included) with the main part. It must be ordered separately.

4. Inspect all shipments upon receipt. If any packages and/or boxes are missing, or parts are damaged, file a claim with the carrier immediately. Failure to do so may void a claim. Check the shipment against the packing list carefully. Report any shortages to the shipper immediately.
5. Do not return any parts to the Mathews Company without a "Return Goods Authorization" from the factory. All return parts shipments must be shipped prepaid (COD shipments will not be accepted). Shipments must also include the following:
 - A. A letter of explanation including the "Return Goods Authorization Number," your name and address.
 - B. A list of all parts being returned. List must include part numbers, description, quantity, and original invoice number.

Model and Serial Number Location

The model and serial number of your Grain Dryer are stamped on a plate located on the left front base panel, see Figure 1. On earlier production dryers, the plate is on the dryer front end panel

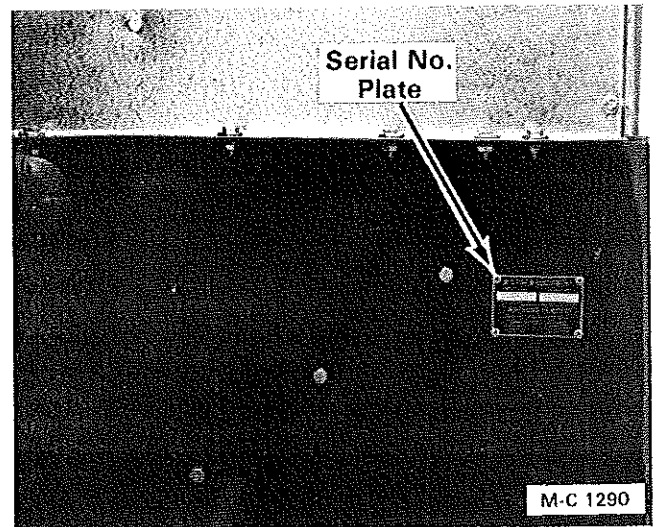


Figure 1

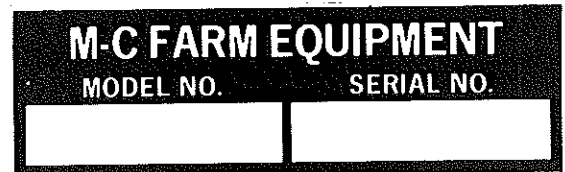


Figure 2

just above the location shown in Figure 1. Record the model and serial number in the blank spaces in Figure 2.

Capscrew Grade Identification

There are four grades of hex-head capscrews. Grade 1 and 2 are common capscrews, grade 5 and 8 are used when greater strength is required. Each grade can be identified by the marking on the head of the capscrew, see chart below.

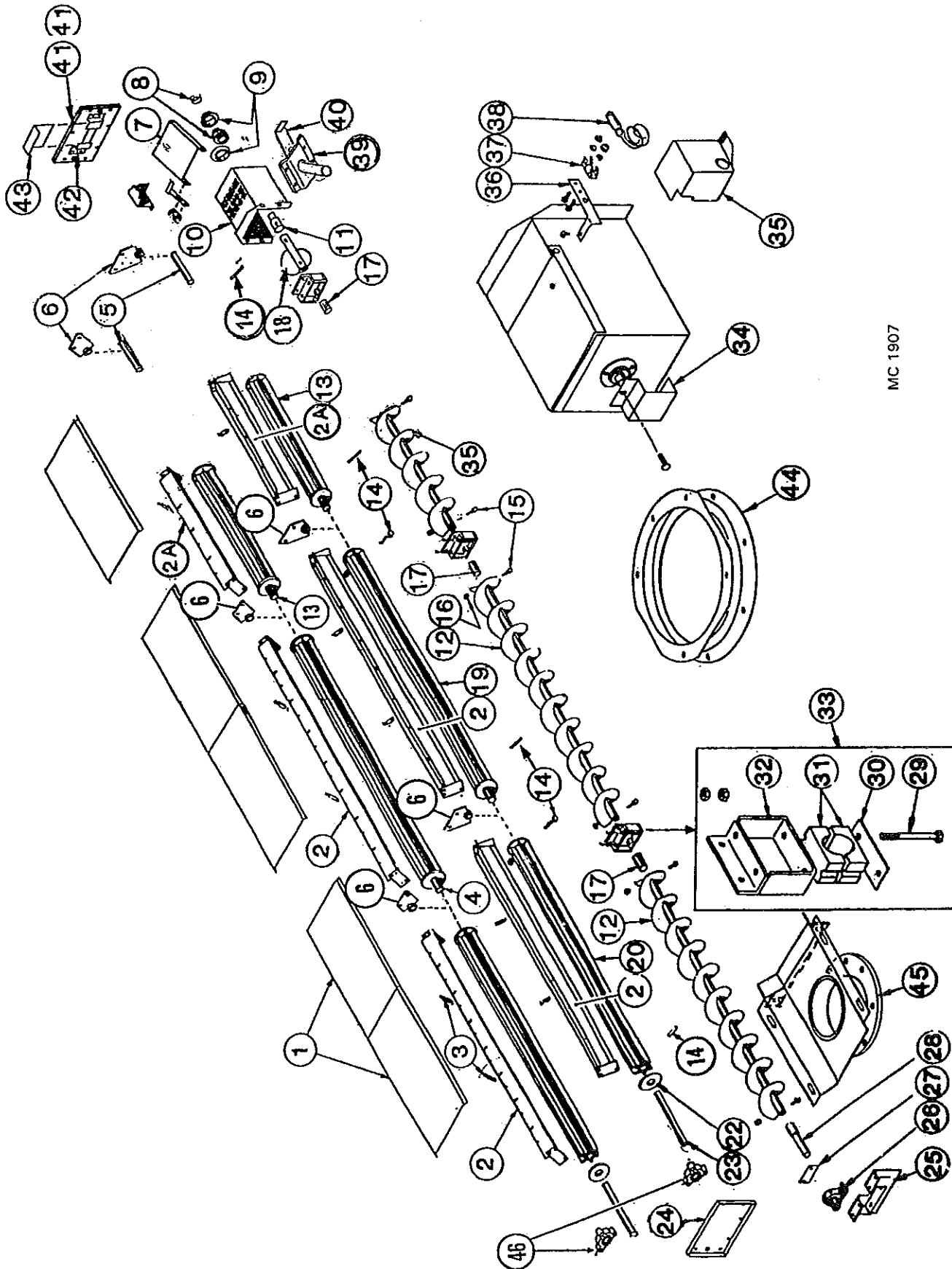
When replacing capscrews, be sure to use the correct size and grade. If a specific grade is not shown as part of the description, the capscrew is a grade 1 or 2.

CAPSCREW GRADE IDENTIFICATION CHART

S.A.E. Grade	Description	Capscrew Head Marking*
1	WILL HAVE A PLAIN HEAD - NO RADIAL LINES	
2	Low or Medium Carbon Steel Not Heat Treated	
5	WILL HAVE 3 RADIAL LINES Quenched and Tempered Medium Carbon Steel	
8	WILL HAVE 6 RADIAL LINES Quenched and Tempered Special Carbon or Alloy Steel	

*The center marking identifies the capscrew manufacturer.

CF410, 420 & 730 Metering Rolls and Unload Auger



MC 1907

CF410, 420 & 730 Metering Rolls and Unload Auger

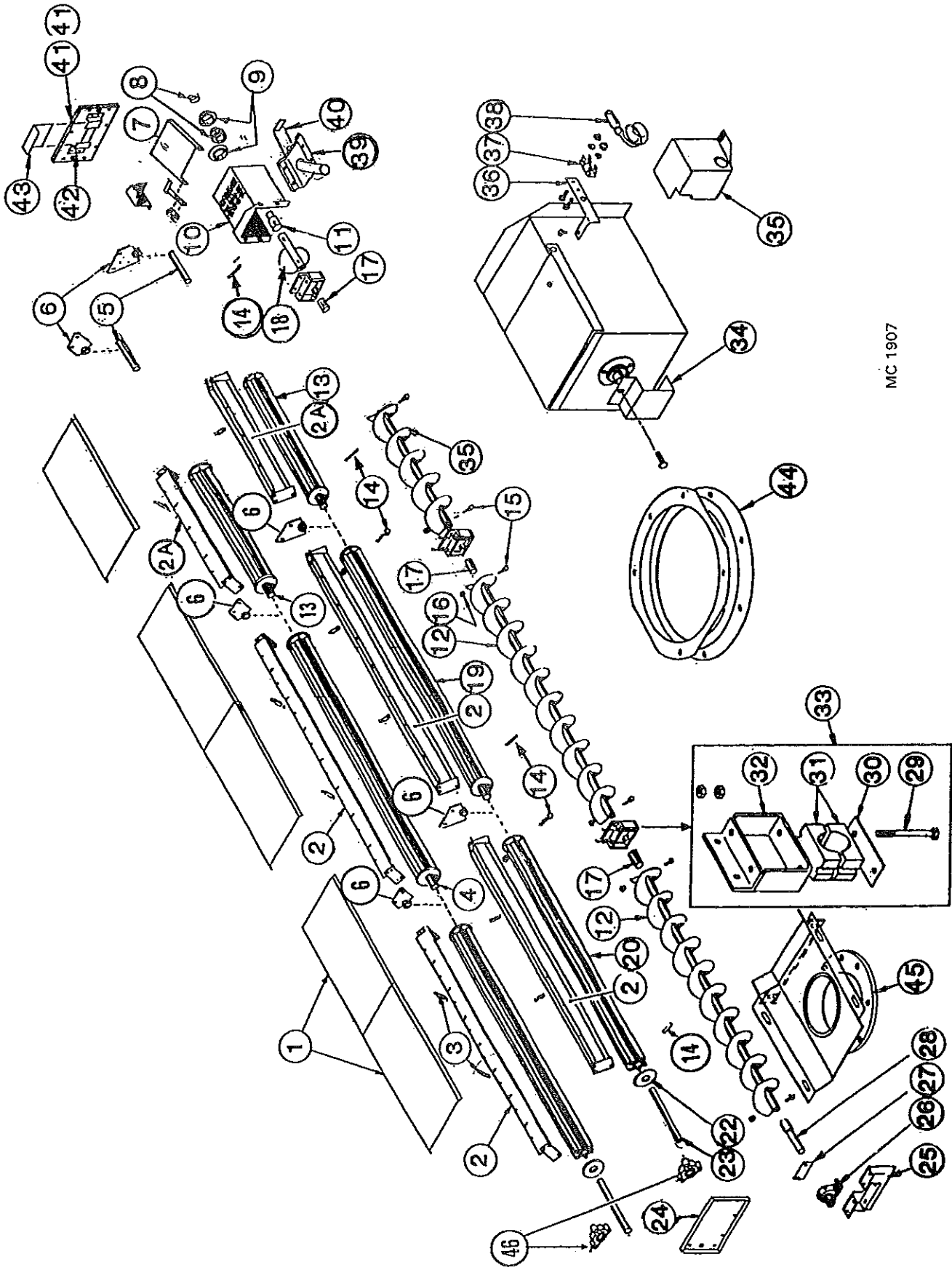
12 ft. 20ft.
(3.65m) (6.0m)

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	128 2890	3	Unload Auger Cover	11	124 5611	1	Unload Auger Output Shaft (Front Unload - See Note 1)
	001 8111	6	5/16-18 (7.9mm) Clip Nut	12	128 0244	1	Front & Center Unload Auger Section 10" (25.4cm)
	001 8114	6	5/16-18x $\frac{3}{4}$ " (7.9x19mm) Wing Screw	13	125 5701	2	Rear Metering Roll 48" (122cm)
	000 8173	6	5/16" (7.9mm) Flatwasher	14	000 8114	8	5/16-18x 2 $\frac{1}{2}$ " (7.9x63.5mm) Capscrew
2	128 0350	2	Inner Screen Mount 8 ft. (2.44m)		000 8222	8	5/16" (7.9mm) Lockwasher
	001 8202	8	5/16-18 x $\frac{3}{4}$ " (7.9 x 19mm) Hex Washer Head Bolt		000 8159	8	5/16-18 (7.9mm) Hex Nut
	000 8169	8	5/16-18 (7.9mm) Flanged Locknut	15	000 8229	8	$\frac{3}{8}$ -16 X 2 $\frac{3}{4}$ " (9.5 x 70mm) Capscrew- Grd.5
2A	128 0415	2	Inner Screen Mount 48" (122cm)	16	000 8205	8	$\frac{3}{8}$ " (9.5mm) Top Lock Flanged Nut
3	128 8958	6	Support Rod $\frac{3}{8}$ "x 4 $\frac{7}{8}$ " (9.5 x 124mm)	17	128 5618	2	Unload Auger Link 1-5/16 x 9 $\frac{3}{8}$ " (49.2mm x 23.8cm)
	000 8173	6	5/16" (7.9mm) Flatwasher	18	128 0309	1	Standard Auger Weld
	000 8168	18	$\frac{3}{8}$ -16 (9.5mm) Flanged Locknut	19	121 1083	-	Center Metering Roll Assembly w/shafts
4	121 5043	1	Center Metering Roll Shaft - 1 $\frac{1}{4}$ " x 7" (3.2 x 17.8cm)	20	128 5784	2	Front Metering Roll Only
5	121 5042	2	Rear Metering Roll Stub Shaft - 1 $\frac{1}{4}$ " x 5" (3.2 x 12.7cm)	22	121 4438	AR	Metering Roll Washer - 11 Gauge
6	128 1063	4	Metering Roll Brg. w/Bronze Bushing	22	128 4970	AR	Metering Roll Washer - 16 Gauge
	001 8202	8	5/16-18 x $\frac{3}{4}$ " (7.9 x 19mm) Hex Washer Head Bolt	23	128 5054	2	Front Metering Roll Shaft - 1 $\frac{1}{4}$ " x 6 $\frac{1}{4}$ " (3.18 x 15.9cm)
	000 8169	8	5/16-18 (7.9mm) Flanged Locknut	24	128 2894	1	Base Panel Access Door - 17 $\frac{1}{2}$ " x 10 $\frac{1}{2}$ " (44.5 x 27cm)
7	124 2884	1	Over Load Door		001 8284	14	5/16-12 x $\frac{1}{2}$ " (7.9 x 12.7mm) Self Tapping Screw
	001 8210	2	$\frac{3}{8}$ -16 x $\frac{3}{4}$ " (9.5 x 19mm) Hex Washer Head Bolt	25	128 0247	1	Unload Auger Front Plate
	000 8205	2	$\frac{3}{8}$ -16 (9.5mm) Top Lock Flanged Nut		001 8210	4	$\frac{3}{8}$ -16 x $\frac{3}{4}$ " (9.5 x 19mm) Hex Washer Head Bolt
8	001 6003	1	1 $\frac{1}{4}$ " (31.75mm) Bearing w/Lock Collar		000 8168	4	$\frac{3}{8}$ -16 (9.5mm) Flanged Locknut
9	001 6004	2	1 $\frac{1}{4}$ " (31.75mm) Bearing Flangette				
	001 8269	3	$\frac{3}{8}$ -16 x 1" (9.5 x 25.4mm) Carriage Bolt				
	000 8168	3	$\frac{3}{8}$ -16 (9.5mm) Flanged Locknut				
10	128 0421	1	Unload Auger Discharge Round (Front Unload - See Note 1)				
	001 8210	6	$\frac{3}{8}$ -16 x $\frac{3}{4}$ " (9.5 x 19mm) Hex Washer Head Bolt				
	000 8205	6	$\frac{3}{8}$ -16 (9.5mm) Top Lock Flanged Nut				
	000 8137	2	$\frac{1}{2}$ -13 x 1 $\frac{1}{4}$ " (12.7x31.75mm) Hex Bolt-Grd.5				
	000 8180	2	$\frac{1}{2}$ " (12.7mm) Lockwasher				
	000 8163	2	$\frac{1}{2}$ -13 (12.7mm) Hex Nut				

NOTE 1: Dryers w/Front Unload - Ref. 10 use 127 4431 and Ref. 11 use 128 5994 output shaft.

Continued on next page

CF410, 420 & 730
Metering Rolls and Unload Auger



MC 1907

CF410, 420 & 730 Metering Rolls and Unload Auger

12 ft. 20 ft.
(3.65m) (6.0m)

Ref. Part No.	Qty.	Qty.	Description
26	001 6011	1	1-7/16" (36.5mm) Bore Pillow Block Bearing
	001 8299	2	½-13 x 1¼" (12.7 x 44.5mm) Capscrew-Grd. 8 w/Nylock
	001 8257	2	½" (12.7mm) SAE Flatwasher
	000 8163	2	½-13 (12.7mm) Hex Nut
27	128 3008	1	Front Seal Plate
	000 8184	4	8-18 x ½" (12.7mm) Sheet Metal Screw
28	124 5610	1	Unload Auger Input Shaft 1-5/16 x 9¾" (49.2mm x 23.8cm) Tapered at front to 1-7/16" (36.5mm)
29	001 8168	4	½-13 x 4½" (12.7 x 114.3mm) Capscrew - Grd. 5
	000 8163	8	½-13 (12.7mm) Hex Nut
30	128 0285	2	Unload Auger Support Weld
31	128 6020	2	Wood Bearing 1-15/16" (49.2mm) (2 Halves)
32	128 0287	2	Unload Auger Bearing Bracket
	000 8137	4	½-13 x 1¼" (12.7 x 31.75mm) Capscrew - Grd. 5
	000 8180	4	½" (12.7mm) Lockwasher
	000 8163	4	½-13 (12.7mm) Hex Nut
33	122 1007	2	Unload Auger Bearing Kit (Incl. Ref. 30 thru 33 in quantities required for one bearing)
34	128 3011	1	Output Shaft Guard
35	128 4896	1	Shut Off Switch Cover
	001 8284	2	5/16-12 x ½" (7.9 x 12.7mm) Self-Tapping Screw
36	128 2937	1	Switch Mount
37	120 6801	1	Switch Mount Clip
	000 8282	2	6-32 x ¼" (6.35mm) Machine Screw
	000 8185	2	6-32 Flanged Locknut
38	120 6800	1	Shut Off Switch
39	128 0379	1	Grain Sampler
40	124 2883	1	Slide Gate - Sampler
41	128 2954	1	Base Panel Access Door w/Slot
42	128 2885	2	Access Door Bracket
43	128 2887	1	Access Door Slot Cover
44	128 0343	1	Discharge Ring 10" (25.4cm)
45	128 0331	1	10" (25.4cm) Front Unload Weldment (Optional Kit #127 9119)
46	001 6016	2	1½" (31.8mm) 3 Bolt Flange Bearing S/N #57386 & Up
	000 8120	6	¾-16 x 1" (9.5 x 25.4mm) Round Truss Head Bolt
	000 8205	6	¾-16 (9.5mm) Top Lock Flange Nut
47	128 0351	1	Rear Unload Auger Section 10" (25.4cm) w/Monitor Cut-Out

Electrical Components

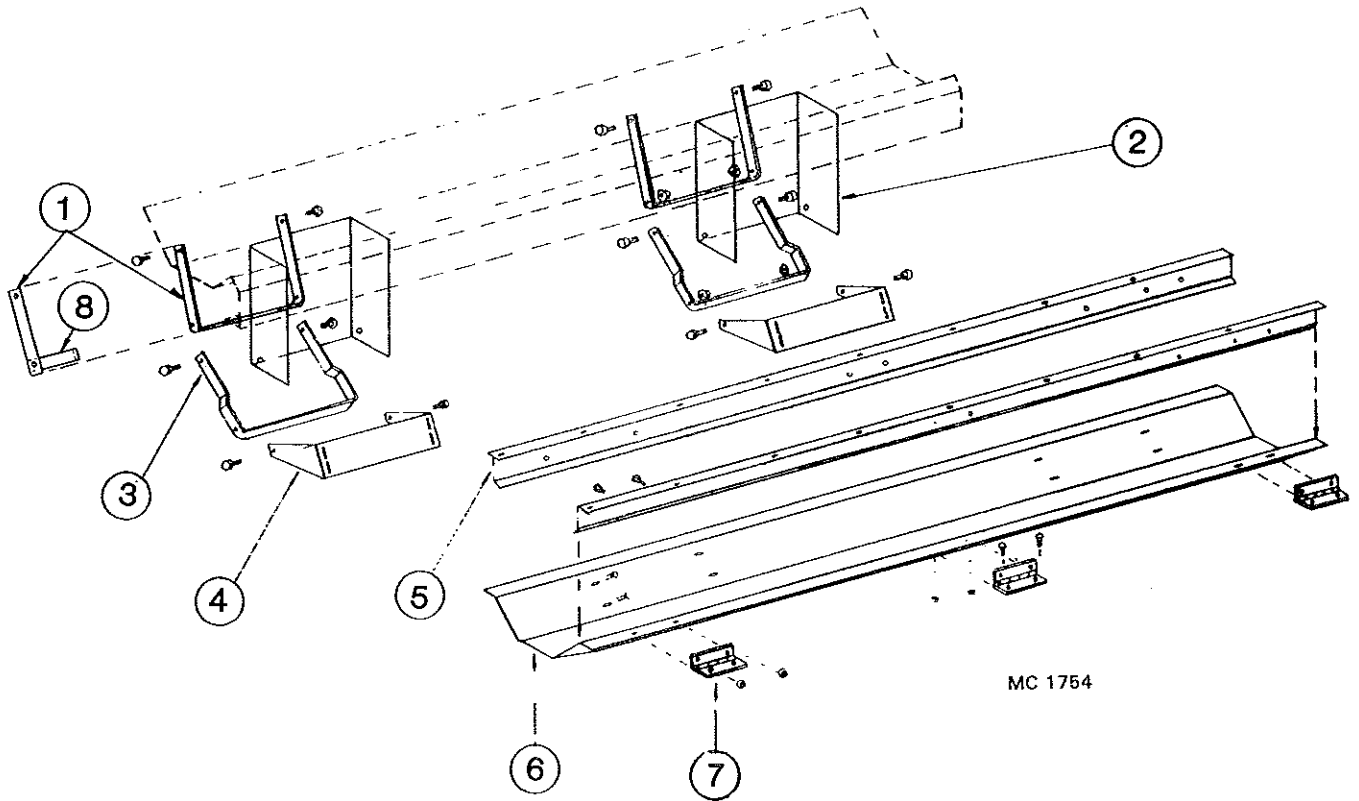
Infinity Series

CF320, 410, 420, 520, 620, 720, 730 & 820

Starting with S/N 58161

Part No.	Description	Part No.	Description
120 6800	Unload Switch	127 6823	Neutral Lug
121 6849	Air Pressure Switch	124 6978	60 Minute Adjustable Timer
125 6967	High Limit Switch - 8 ft. (2.4m) Cap.	124 6874	SCR Board (Dart)
125 6965	115V Ignition Board	124 6837	1/3HP DC Motor
124 7000	Spark Plug	128 6957	Splitter Block
124 6872	Flame Sensing Probe	128 6992	Level Switch-Diaphragm Type
Terminal Block		127 6855	Transformer-208V (750VA)
124 6928	12 Position (Black)	127 6829	Transformer-460/575V (750VA)
124 6929	3 Position (White)	125 6997	13 Amp (208V) Circuit Breaker
125 6805	4 Position (Black)	125 6993	4 Amp (460V) Circuit Breaker
115V LP Gas Solenoid Valves		125 6993	4 Amp (575V) Circuit Breaker
125 7082	½" (12.7mm) Solenoid Valve LP Liquid Line	124 1195	SCR Speed Control 10 Turn Potentiometer w/Wires 42" (107cm)
123 7036	½" (12.7mm) Solenoid Valve (Canadian)	124 6892	Multi-Dial
121 7002	¾" (19mm) Solenoid Valve Low Fire Manifold	124 6893	Thermistor
123 7037	¾" (19mm) Solenoid Valve (Canadian)	124 6955	Moisture Control Potentiometer w/Wires 60" (152cm)
128 7001	1 ¼" (31.8mm) Solenoid Valve Gas Manifold	121 6805	10 Amp. GLH Fuse (SCR Board)
123 7038	1 ¼" (31.8mm) Solenoid Valve (Canadian)	124 6995	Moisture Control Board
115V Natural Gas Solenoid Valves		124 6981	Discharge Meter
121 7002	¾" (19mm) Solenoid Valve Low Fire Manifold	124 6958	Digital Thermometer Main Frame °F
123 7037	¾" (19mm) Solenoid Valve (Canadian)	123 6920	Digital Thermometer Main Frame °C
128 7001	1 ¼" (31.75mm) Solenoid Valve Gas Manifold	124 6961	Thermocouple 15 ft. (4.6m) Digital Thermometer
123 7038	1 ¼" (31.8mm) Solenoid Valve (Canadian)	125 6936	Fuse Holder for 124 6937 & 125 6838
125 6988	8 Amp Circuit Breaker 115V Pole	124 6937	1 Amp. Fuse-Slow Blow (Moisture Control Board & Printer Power Supply)
128 6845	Stop Button (Red)	125 6838	¾ Amp. Fuse (Monitor Power Supply)
128 6844	Start Button (Green)	122 7066	Monitor Interface Board °Fahrenheit
125 6808	125V Indicator Lamp Assembly	122 7067	Monitor Interface Board °Celsius
125 6812	SPST ON-OFF Switch (Ignition)	122 7071	Printer Interface Board °Fahrenheit
125 6811	3PDT ON-OFF-ON Switch (Discharge Metering Rolls)	122 7072	Printer Interface Board °Celsius
125 6809	Momentary Contact Switch	122 7065	Monitor Power Supply
125 6810	DPDT ON-OFF-ON Switch (Level Auger)	122 7070	Printer Power Supply
124 6996	0 to 3 Minute Adj. Timer (Level Auger)	122 7074	Printer Assembly
124 6841	Light Bulb Socket	125 6839	Switch ON-OFF Printer
124 6842	50W Rough Service Bulb	128 7016	Grain Sensor w/40 ft. (12.2m) Cable - Monitor
124 6972	Relay and Timer Socket	122 7061	Thermal Paper 3 ½" x246 ft. (7.94cm x 75m)
021 6809	Relay	122 7069	Calibration Adjust. Potentiometer
		125 6834	Push Button for Calibration & Grain Temperature Display
		122 7068	Digital Display Meter-Monitor
		121 6840	Low Pressure Gas Interlock Switch (Canadian)
		121 6841	Low Pressure Gas Interlock Transducer (Canadian)
		124 6916	High Pressure Gas Interlock Switch (Canadian)
		124 6917	High Pressure Gas Interlock Transducer (Canadian)

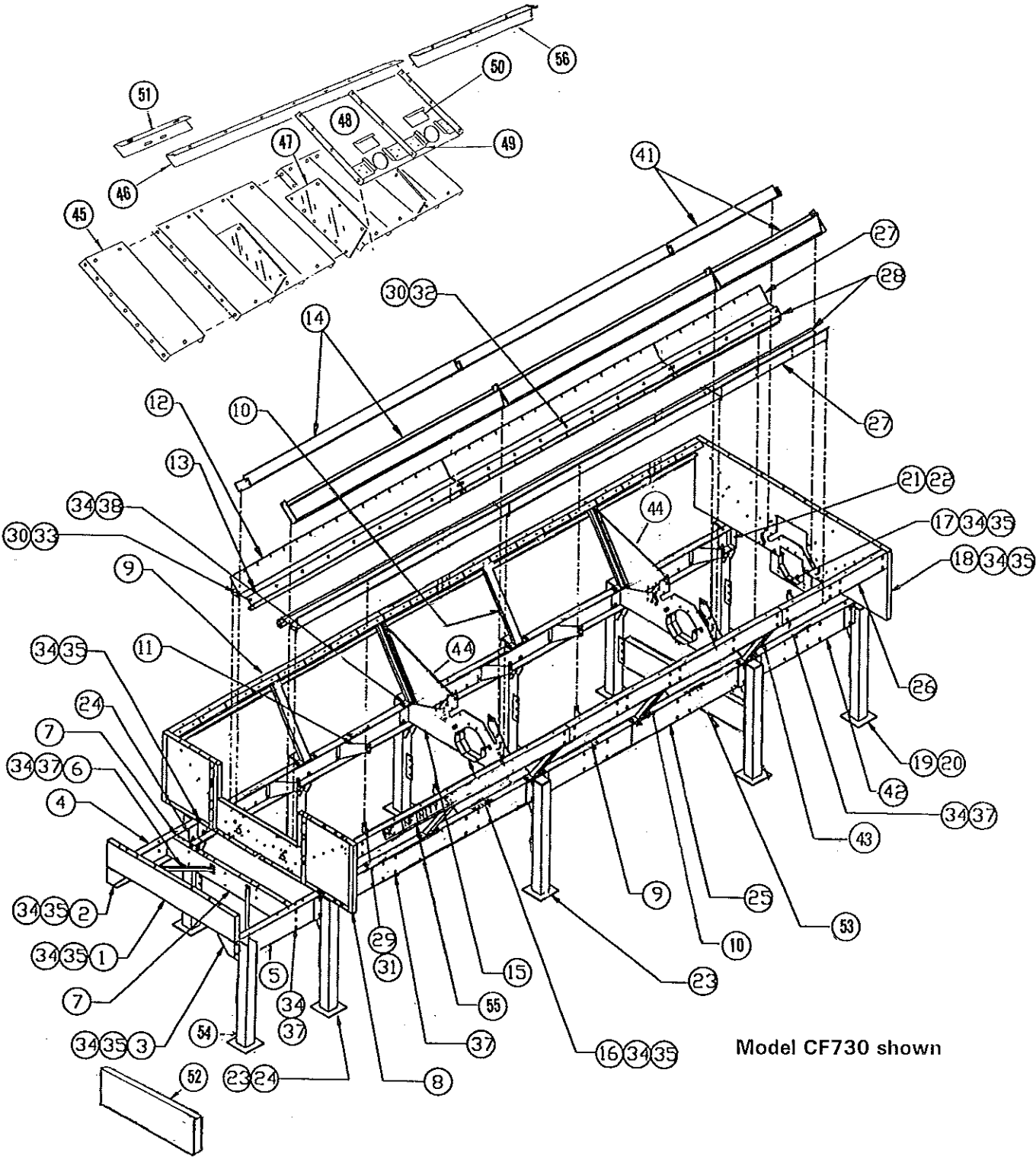
UNLOAD AUGER PANS



2 WARNING DECAL
MOUNTS ON SIDE
OF BRACKET

Ref.	Part No.	12 ft. 20 ft.		Description
		Qty.	Qty.	
1	128 2029	3	5	Auger Dump Arm – Upper
2	128 8355	3	5	Warning Decal (not shown)
3	138 2030	3	5	Auger Dump Arm – Lower
4	128 2751	3	5	Bottom Link Pivot Base
5	125 2600	2	2	Pan Hinge 4 ft. (1.22m) Angle
	128 2673	2	4	Pan Hinge 8 ft. (2.44m) Angle
6	128 2752	1	2	Front & Center 8 ft. (2.44m) Auger Dump Pan
	128 0423	1	1	Rear 4 ft. (1.22m) Auger Pan w/Monitor Cut-Out
	128 3015	1	1	Monitor Cut-Out Seal Plate
	128 2769	2	2	Sensor Mount Bracket
7	128 8957	5	8	Hinge
8	128 2032	3	5	Auger Dump Arm Handle

BOLT TOGETHER BASE & LOWER SCREENS



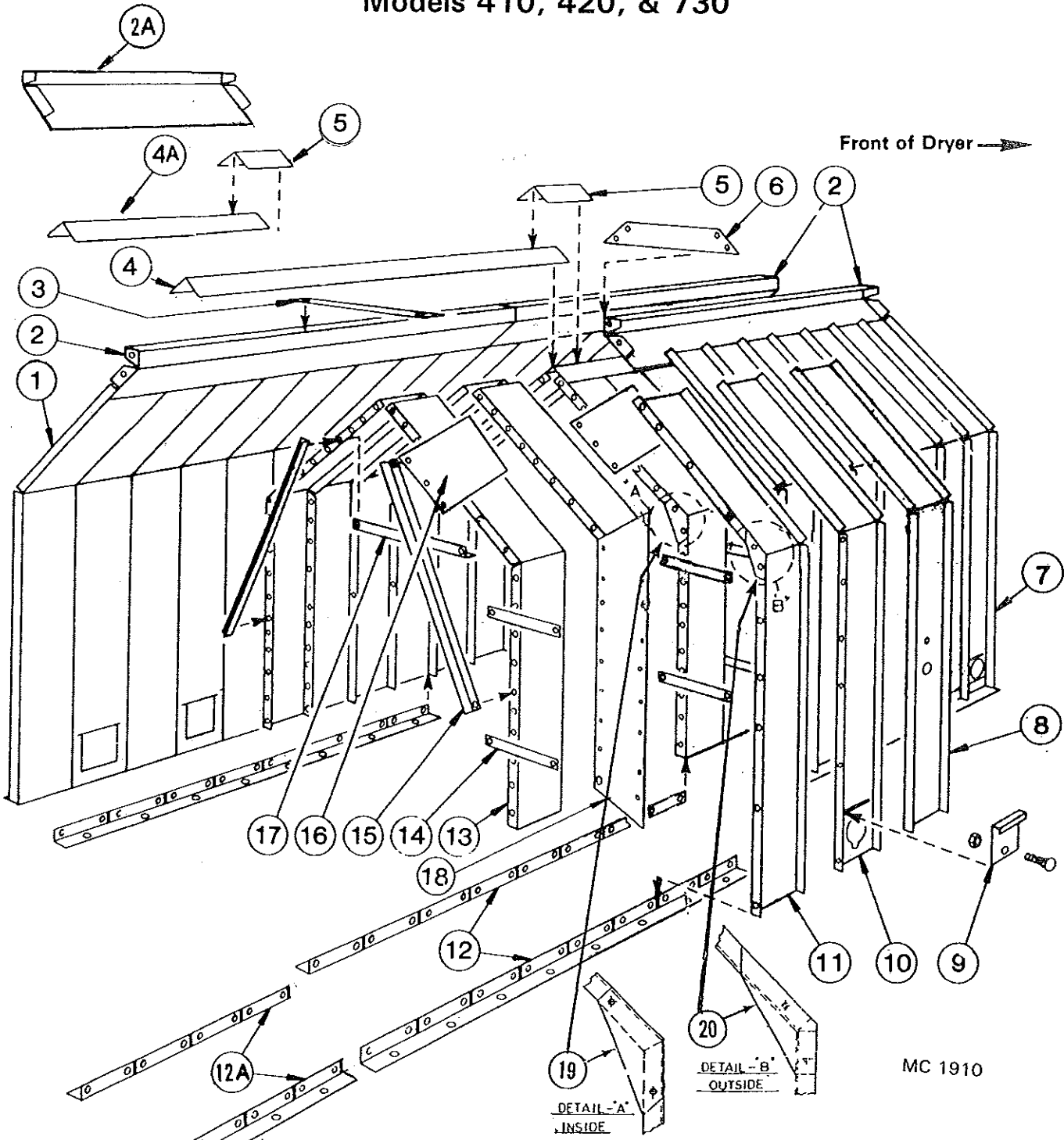
Model CF730 shown

BOLT TOGETHER BASE & LOWER SCREENS

410					410				
420 730					420 730				
Ref.	Qty.	Qty.	Part No.	Description	Ref.	Qty.	Qty.	Part No.	Description
1	1	1	125 4200	Fan Housing Support Panel	35	AR	AR	001 8209	3/8-16x1" (9.5x25.4mm) Hex Washer Hd. Grd. 5
2	1	1	125 3411	Skid Extension Gusset-RH	36	AR	AR	000 8124	3/8-16x1 1/4" (9.5x31.8mm) Flange Hd.
3	1	1	125 3412	Skid Extension Gusset-LH	37	AR	AR	000 8122	3/8-16x1" (9.5x25.4mm) Carriage Bolt
4	1	1	128 0400	Skid Extension-RH	38	AR	AR	001 8124	3/8-16 x 1 1/4" (9.5x31.8mm) Carriage Bolt Grd. 5
5	1	1	128 0401	Skid Extension-LH	39	AR	AR	000 8206	5/8-11 (15.9mm) Flange Hex Nut
6	2	2	128 0406	Support Rod	40	AR	AR	000 8145	5/8-11x1 1/4" (15.9x31.8mm) Hex Head Bolt Grd. 5
7	1	1	125 4203	Outboard Brg. Mount Channel	41	2	2	128 0415	4 ft. (1.22m) Inner Screen Mount
8	1	1	128 0404	Front Base Panel	42	2	2	125 4481	4 ft. (1.22m) Universal Skid
9	2	4	125 4512	Upper Outside Frame Channel	43	2	4	128 0403	Frame Support
10	2	4	128 0402	Frame Support	44	2	4	125 4514	Upper Frame Support Plate
11	6	10	125 4204	Wheel Mount Gusset	45			----	Lower Outer Screen
12	2	4	128 0407	Metering Roll Pan 8 ft. (2.44m)		24	40	123 5215	Standard Aluminum 3/32" (2.38mm) hole
13	2	4	125 5202	Metering Roll Pan Transition 8 ft. (2.44m)		24	40	127 2945	Small Seed Galv. 1/16" (1.59mm) hole
14	2	4	128 0350	Inner Screen Mount 8 ft. (2.44m)		24	40	123 5320	Stainless 3/32" (2.38mm)
15	1	2	128 0409	Center Divider	46	2	4	128 2739	Inner Screen Mount Angle 8 ft. (2.44m)
16	2	4	128 0410	10" (25.4cm) Unload Auger Pan Seal	47	10	18	128 2855	Lower Screen Stiffener
17	1	1	128 0411	10" (25.4cm) Unload Auger Rear Seal	48			----	Lower Inner Slope Screen
18	1	1	128 0405	Rear Base Panel		12	20	124 2000	Standard Galvanized 3/32" (2.38mm) hole
19	1	1	128 0425	Left Rear Dryer Stand (Leg) 24" (61cm)		12	20	124 2001	Small Seed Galv. 1/16" (1.59mm) hole
	1	1	128 0418	Optional Left Rear Dryer Stand (Leg) 36" (91.5cm)	49	24	40	124 2866	Slope Door Retainer
20	1	1	128 0413	Left Rear Panel Mount	50	12	20	128 3003	Slope Door
21	1	1	128 0426	Right Rear Dryer Stand (Leg) 24" (61cm)	51	2	4	120 3070	Seal Angle
	1	1	128 0417	Optional Right Rear Dryer Stand (Leg) 36" (91.5cm)	52	1	1	128 4570	Base Filler Panel - Front 37 x 13 1/2" (94x34.2cm)
22	1	1	128 0412	Right Rear Panel Mount	53	2	4	128 4321	Stand (Leg) Support Channel 14 x 59" (36x150cm)
23	4	6	128 0424	Dryer Stand (Leg) 24" (61cm)	54	2	2	128 0329	Front Stand (Leg) 24" (61cm)
	4	6	128 0416	Optional Dryer Stand (Leg) 36" (91.5cm)		2	2	128 0330	Optional Front Stand (Leg) 36" (91.5cm)
24	2	2	125 4208	Skid Overlap Plate	55			----	Side Decals
25	2	4	125 4205	Universal Skid 8 ft. (2.44m)		2	2	124 8322	M-C Decal 5x5" (13x13cm) Blue/Black/White/Gold Border
26	2	2	125 4513	4 ft. (1.22m) Upper Outside Frame Rail		2	2		Infinity Series 410 (Black)
27	2	2	128 0414	4 ft. (1.22m) Metering Roll Pan		2	2		Infinity Series 420 (Black)
28	2	2	125 5301	4 ft. (1.22m) Metering Roll Pan Transition		2	2		Infinity Series 730 (Black)
29	AR	AR	128 8111	5/16-18 (7.9mm) Rivnut	56	2	2	125 2717	Inner Screen Mount Angle 4 ft. (1.22m)
30	AR	AR	000 8169	5/16-18 (7.9mm) Flange Hex Nut					
31	AR	AR	000 8104	5/16-18x3/4" (7.9x19mm) Flange Hd.					
32	AR	AR	001 8269	5/16-18x3/4" (7.9x19mm) Carriage Bolt					
33	AR	AR	001 8213	5/16-18x1" (7.9x25.4mm) Carriage Bolt					
34	AR	AR	000 8168	3/8-16 (9.5mm) Flange Hex Nut					

UPPER SCREENS

Models 410, 420, & 730



MC 1910

Hardware to Bolt Screens Together:

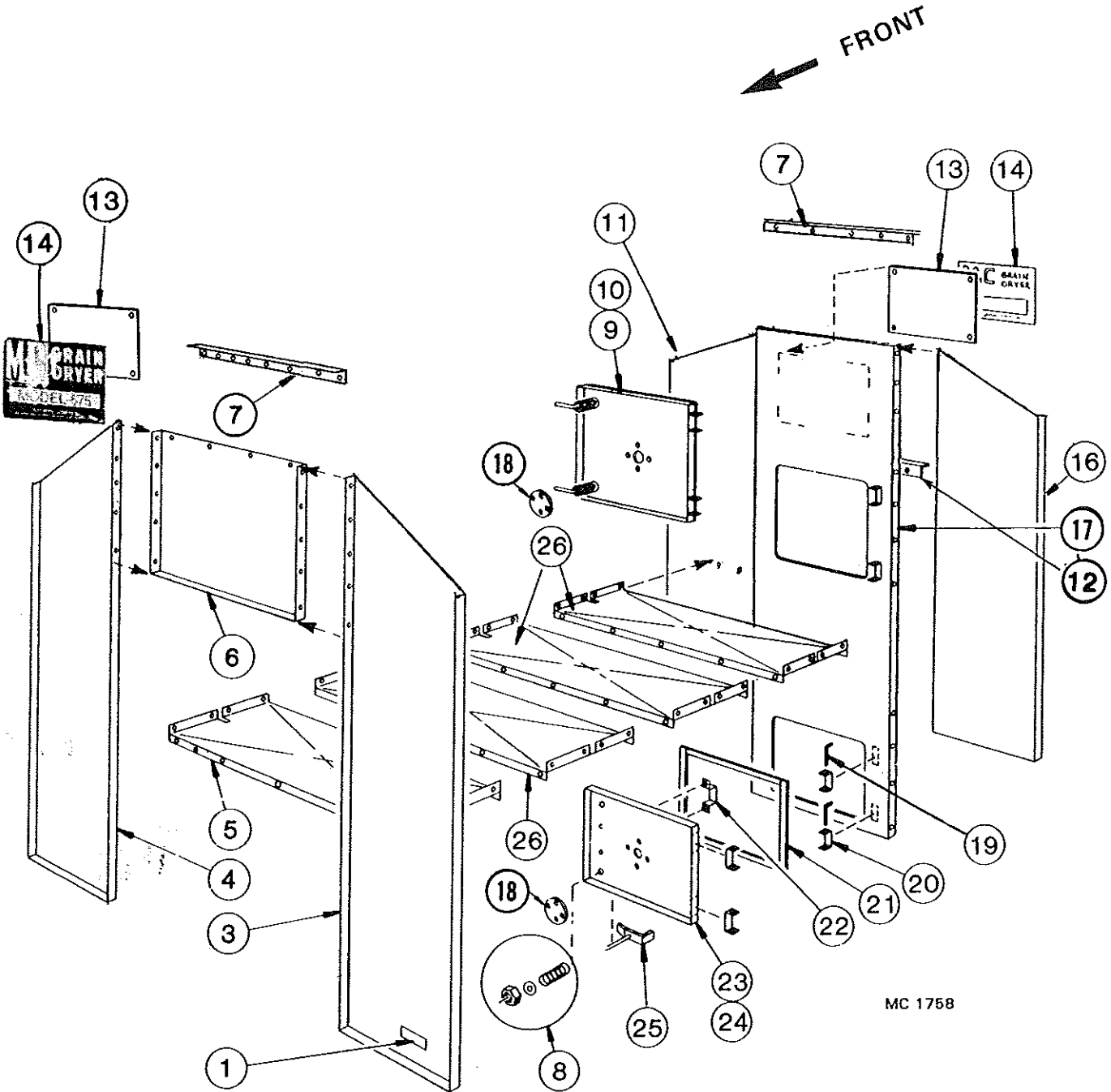
- Inside: 001 8208 5/16-18 x 1/2" (7.9 x 12.7mm) Washer Head Hex Bolt
- 001 8202 5/16-18 x 3/4" (7.9 x 19.0mm) Washer Head Hex Bolt
- 000 8103 5/16-18 x 1/2" (7.9 x 12.7mm) Slotted Truss Round Head Bolt
- 000 8169 5/16" (7.9mm) Flanged Whiz Locknut

- Outside: 000 8305 5/16-18 x 1/2" (7.9 x 12.7mm) Washer Head Hex Bolt-Stainless
- 000 8308 5/16-18 x 1/2" (7.9 x 12.7mm) Slotted Truss Round Head Bolt-Stainless
- 000 8307 5/16-18 x 3/4" (7.9 x 19.0mm) Slotted Truss Round Head Bolt-Stainless
- 000 8304 5/16" (7.9mm) Flanged Whiz Locknut-Stainless

UPPER SCREENS

Ref.	Part No.	12 ft.	20 ft.	Description
		(3.56m)	(6.1m)	
		Qty.	Qty.	
1	-----	-	-	OUTER END SCREEN W/O QUICK DRAIN
	021 2946	2	2	Standard (Galvanized) 3/32" (2.4mm) .094" Holes
	123 5213	2	2	Aluminum 3/32" (2.4mm) .094" Holes
	123 5317	2	2	Stainless Steel (Standard) 3/32" (2.4mm) .094" Holes
	127 2967	2	2	Small Seed (Galvanized) 1/16" (1.6mm) .0625" Holes
	124 2006	2	2	Small Seed (Aluminum) 1/16" (1.6mm) .0625" Holes
	124 2012	2	2	Canola (Galvanized) .050" (1.27mm) Holes
2	129 2832	2	4	Hopper Joiner Angle 3/32" (2.4mm) .094" Holes - 96" (244cm)
	124 2014	2	4	Hopper Joiner Angle .050" (1.27mm) Holes - Small Seed & Canola Screens
2A	128 3012	2	2	Hopper Joiner Angle 3/32" (2.4mm) .094" Holes - 48" (1.22m)
3	129 2947	1	2	Stiffener Strap
4	021 2950	1	2	Peak Cap 96" (244cm)
4A	125 2945	1	1	Peak Cap 48" (122cm)
5	128 3075	1	2	Seal Angle
6	129 2831	1	2	Joiner Plate
7	-----	-	-	OUTER END SCREEN W/QUICK DRAIN
	128 3002	2	2	Standard (Galvanized) 3/32" (2.4mm) .094" Holes
	123 5210	2	2	Aluminum 3/32" (2.4mm) .094" Holes
	123 5316	2	2	Stainless Steel (Standard) 3/32" (2.4mm) .094" Holes
	127 2966	2	2	Small Seed (Galvanized) 1/16" (1.6mm) .0625" Holes
	124 2007	2	2	Small Seed (Aluminum) 1/16" (1.6mm) .0625" Holes
	124 2013	2	2	Canola (Galvanized) .050" (1.27mm) Holes
8	-----	-	-	MOISTURE CONTROL SCREEN
	021 2947	1	1	Standard (Galvanized) 3/32" (2.4mm) .094" Holes
	123 5214	1	1	Aluminum 3/32" (2.4mm) .094" Holes
	123 5318	1	1	Stainless Steel (Standard) 3/32" (2.4mm) .094" Holes
	127 2966	1	1	Small Seed (Galvanized) 1/16" (1.6mm) .0625" Holes
	124 2006	1	1	Small Seed (Aluminum) 1/16" (1.6mm) .0625" Holes
	124 2012	1	1	Canola (Galvanized) .050" (1.27mm) Holes
9	-----	-	-	QUICK DRAIN DOOR
	127 2950	12	20	Standard (Galvanized) 3/32" (2.4mm) .094" Holes
	127 2950	12	20	Aluminum 3/32" (2.4mm) .094" Holes
	123 5310	12	20	Stainless Steel (Standard) 3/32" (2.4mm) .094" Holes
	127 2974	12	20	Small Seed (Galvanized) 1/16" (1.6mm) .0625" Holes
		12	20	Small Seed (Aluminum) 1/16" (1.6mm) .0625" Holes
	127 2995	12	20	Canola (Galvanized) .050" (1.27mm) Holes
	000 8310	12	20	3/8-16 x 3/4" (9.5x19mm) Carriage Bolt-Stainless
	000 8168	12	20	3/8-16 (9.5mm) Flanged Locknut
10	-----	-	-	OUTER SCREEN W/QUICK DRAIN
	128 3001	10	18	Standard (Galvanized) 3/32" (2.4mm) .094" Holes
	123 5212	10	18	Aluminum 3/32" (2.4mm) .094" Holes
	123 5316	10	18	Stainless Steel (Standard) 3/32" (2.4mm) .094" Holes
	127 2965	10	18	Small Seed (Galvanized) 1/16" (1.6mm) .0625" Holes
	124 2007	10	18	Small Seed (Aluminum) 1/16" (1.6mm) .0625" Holes
	124 2013	10	18	Canola (Galvanized) .050" (1.27mm) Holes
11	-----	-	-	OUTER SCREEN W/O QUICK DRAIN
	021 2945	10	18	Standard (Galvanized) 3/32" (2.4mm) .094" Holes
	129 5211	10	18	Aluminum 3/32" (2.4mm) .094" Holes
	123 5317	10	18	Stainless Steel (Standard) 3/32" (2.4mm) .094" Holes
	127 2964	10	18	Small Seed (Galvanized) 1/16" (1.6mm) .0625" Holes
	124 2006	10	18	Small Seed (Aluminum) 1/16" (1.6mm) .0625" Holes
	124 2012	10	18	Canola (Galvanized) .050" (1.27mm) Holes
12	125 2732	4	8	Screen Mount Angle 96" (244cm)
12A	128 4699	1	1	Screen Mount Angle 48" (122cm)
13	-----	-	-	INNER SCREEN
	021 2949	24	40	Standard (Galvanized) 3/32" (2.4mm) .094" Holes
	127 2968	24	40	Small Seed (Galvanized) 1/16" (1.6mm) .0625" Holes
14	121 3007	40	72	Stiffener Strap
15	128 2663	10	18	Inner Brace
16	128 3072	10	18	Peak Screen Stiffener
17	021 2600	5	9	Inner Cross Tie
18	128 3076	2	4	Divider Panel
19	128 3080	14	30	Inner Screen Joint Seal (used w/canola screens only)
20	128 3079	14	30	Outer Screen Joint Seal (used w/canola screens only)

CF730 End and Floor Panels



MC 1758

CF730 End and Floor Panels

Ref.	Part No.	Qty.	Description
1	121 8310	1	"Made in USA"-- Decal
2	Blank		
3	124 2875	1	Left Front Panel
4	124 2874	1	Right Front Panel
5	128 2920	1	Front Unit Floor Panel
6	128 2921	1	Panel Above Fan
7	124 2615	2	Hopper Joiner Angle
8	001 8256	4	Spring - 5/8" ID x 2" (15.9 x 51mm)
	000 8174	4	3/8" (9.5mm) Flatwasher
	001 8149	4	Hex 2-Way Locknut Z.P.
9	128 1183	1	Upper Rear Door Assembly (Incl. ref. 8, 10, 18, 20, 21, 22 & 25)
10	128 2957	1	Upper Rear Door Only
11	124 2877	1	Right Rear End Panel
12	124 4463	1	Brace, Rear Door Panel
13	128 2999	2	Decal Mount Plate
14	128 8331	2	Large Decal - 975 (see Note 1)
15		2	Model "730" Decal
16	124 2876	1	Left Rear End Panel
17	128 2773	1	Rear Door Panel 96" x 37" (244 x 94cm)
18	129 5709	2	Port View Lens
	000 8212	8	¼-20 x ½" (6.35 x 12.7mm) Truss Head Screw
	000 8167	8	¼"-20 (6.35mm) Flanged Locknut
19	128 5201	4	Hinge Pin
20	128 2740	8	Door Hinge
	000 8212	16	¼-20 x ½" (6.35 x 12.7mm) Truss Head Screw
	000 8167	16	¼"-20 (6.35mm) Flanged Locknut
21	128 8900	AR	Rubber Edge Seal
22	121 2887	2	Door Handle
	128 8251	4	8-18 x ½" (12.7mm) Sheet Metal Screw
23	128 1902	1	Lower Rear Door Assembly (Incl. ref. 8, 18, 20, 21, 22, 24 & 25)
24	128 3006	1	Lower Rear Door Panel Only
25	121 8901	4	Latch and Handle
26	121 2928	9	Unit Floor Panel

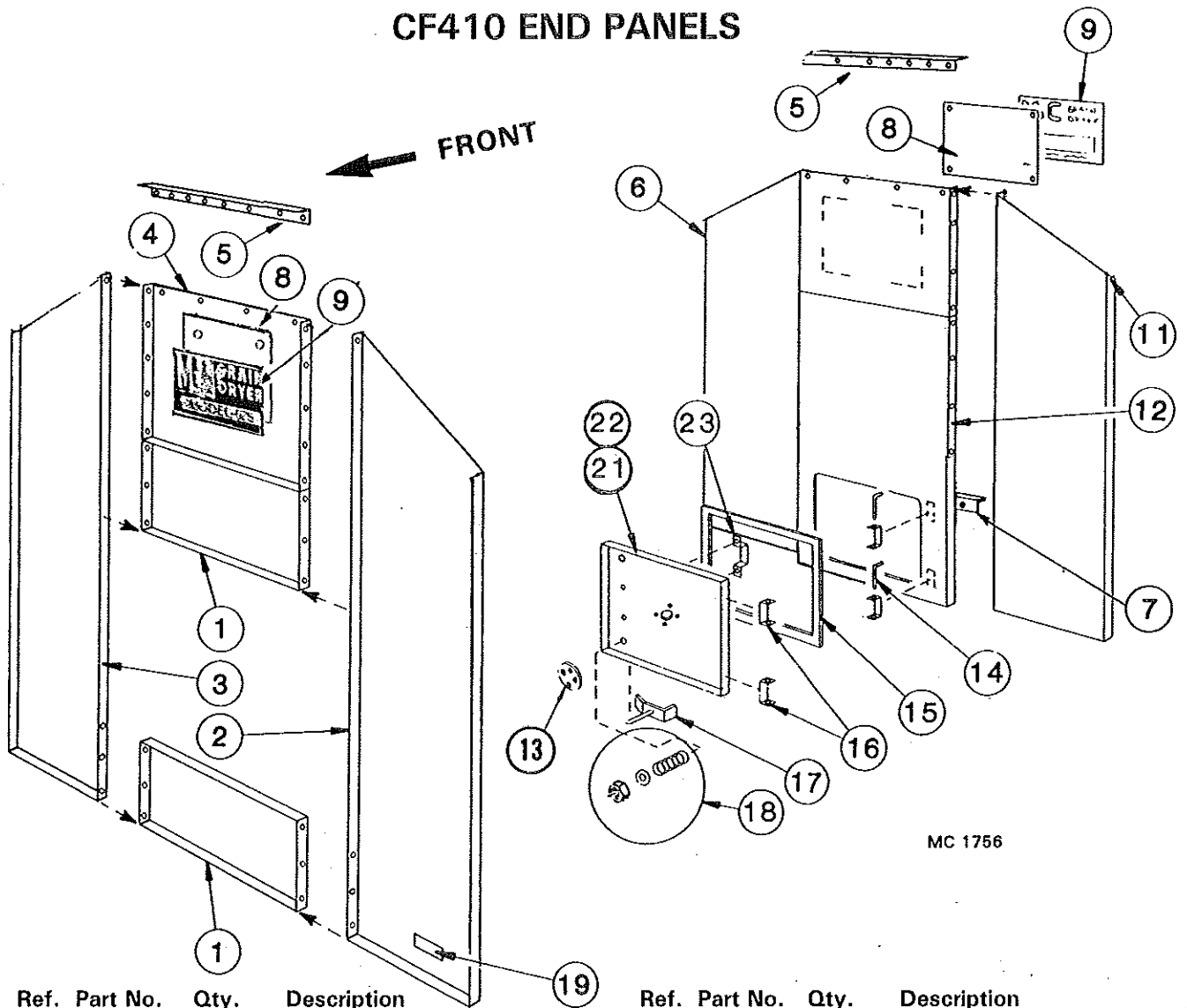
NOTE 1: This decal is imprinted "Model 975." For Model "730" order # and place over "Model 975."

CF420 END AND FLOOR PANELS

Ref.	Part No.	420 Qty.	Description
1	121 8310	1	"Made in USA" - Decal
2	124 2880	1	Floor Panel Slotted 12" (30.5cm) wide
3	124 2875	1	Left Front Panel
4	124 2874	1	Right Front Panel
5	124 2848	1	Unit Floor Panel 12" (30.5cm) wide
6	124 2847	1	Panel Above Orifice
7	124 2615	2	Hopper Joiner Angle
8	121 0302	4	Latch and Handle
9	124 1391	2	Heat Chamber Door Frame
10	121 1113	2	Heat Chamber Door Ass'y (Incl. Ref. 8, 11 & 12)
11	121 2970	2	Heat Chamber Door Panel
12	001 8256	-	Spring - $\frac{5}{8}$ " ID x 2" (15.9 x 51mm)
	000 8174	-	$\frac{3}{8}$ " (9.5mm) Flatwasher
	000 8199	-	$\frac{1}{8}$ " x 1" (3.2 x 25.4mm) Cotter Pin
13	128 1183	1	Upper Rear Door Ass'y (Incl. Ref. 12, 24, 25, 26 & 28)
14	121 2928	3	Unit Floor Panel 24" (61cm) wide
15	124 2877	1	Right Rear End Panel
16	128 2772	1	Rear Door Panel 96 x 37" (244 x 92cm)
17	128 2999	2	Decal Mount Plate
18	128 8331	2	Large Decal - 975 (see Note 1)
		2	Model Decal "420"
19	Blank		
20	124 2876	1	Left Rear End Panel
21	Blank		
22	124 4463	1	Brace, Rear Door Panel
23	128 5201	4	Hinge Pin
24	128 2740	4	Door Hinge
	000 8212	16	$\frac{1}{4}$ -20 X $\frac{1}{2}$ " (6.35 x 12.7mm) Truss Hd. Screw
	000 8167	16	16 $\frac{1}{4}$ -20 (6.35mm) Flanged Locknut
25	128 8900	AR	Rubber Edge Seal (Order ft. required)
26	121 2887	1	Door Handle
27	128 3009	1	Lower Door Rear Panel
28	121 8901	3	Latch and Handle

NOTE 1: This decal is imprinted "Model 975." For Model "420" order # and place over "Model 975."

CF410 END PANELS



MC 1756

Ref.	Part No.	Qty.	Description
1	128 4969	2	Spacer Panel
2	124 2875	1	Left Front Panel
3	124 2874	1	Right Front Panel
4	128 2921	1	Panel Above Fan
5	124 2615	2	Hopper Joiner Angle
6	124 2877	1	Right Rear End Panel
7	124 4463	1	Brace-Rear Door Panel
8	128 2999	2	Decal Mount Plate
9	128 8331	2	Large Decal - 975 (See Note 1)
10		2	Model "410" Decal
11	124 2876	1	Left Rear End Panel
12	128 2771	1	Rear Door Panel 96" x 37" (244x92cm)
13	129 5709	1	Port View Lens
	000 8212	4	1/4"-20 x 1/2" (6.35x12.7mm) Truss Head Screw
	000 8167	4	1/4"-20 (6.35mm) Flanged Locknut
14	128 5201	2	Hinge Pin

Ref.	Part No.	Qty.	Description
15	128 8900	AR	Rubber Edge Seal/ft.
16	128 2740	4	Door Hinge
	000 8212	8	1/4"-20 x 1/2" (6.35x12.7mm) Truss Head Screw
	000 8167	8	1/4"-20 (6.35mm) Flanged Locknut
17	121 8901	2	Latch and Handle
18	001 8256	2	Spring-5/8"IDx2" (15.9x51mm)
	000 8174	4	3/8" (9.5mm) Flatwasher
	001 8149	2	3/8" (9.5mm) Hex 2-Way Locknut
19	121 8310	1	"Made in USA" - Decal
20	Blank		
21	128 1183	1	Rear Door Assembly (Incl. ref. 13, 15 thru 18, 22, & 23)
22	128 2957	1	Rear Door Panel Only
23	121 2887	1	Door Handle
	128 8257	2	8-18 x 1/2" (12.7mm) Sheet Metal Screw

NOTE 1: This large decal is imprinted "Model 975." For Model "410" order # and place over "Model 975."

SCR Drive Motor and Gear Box

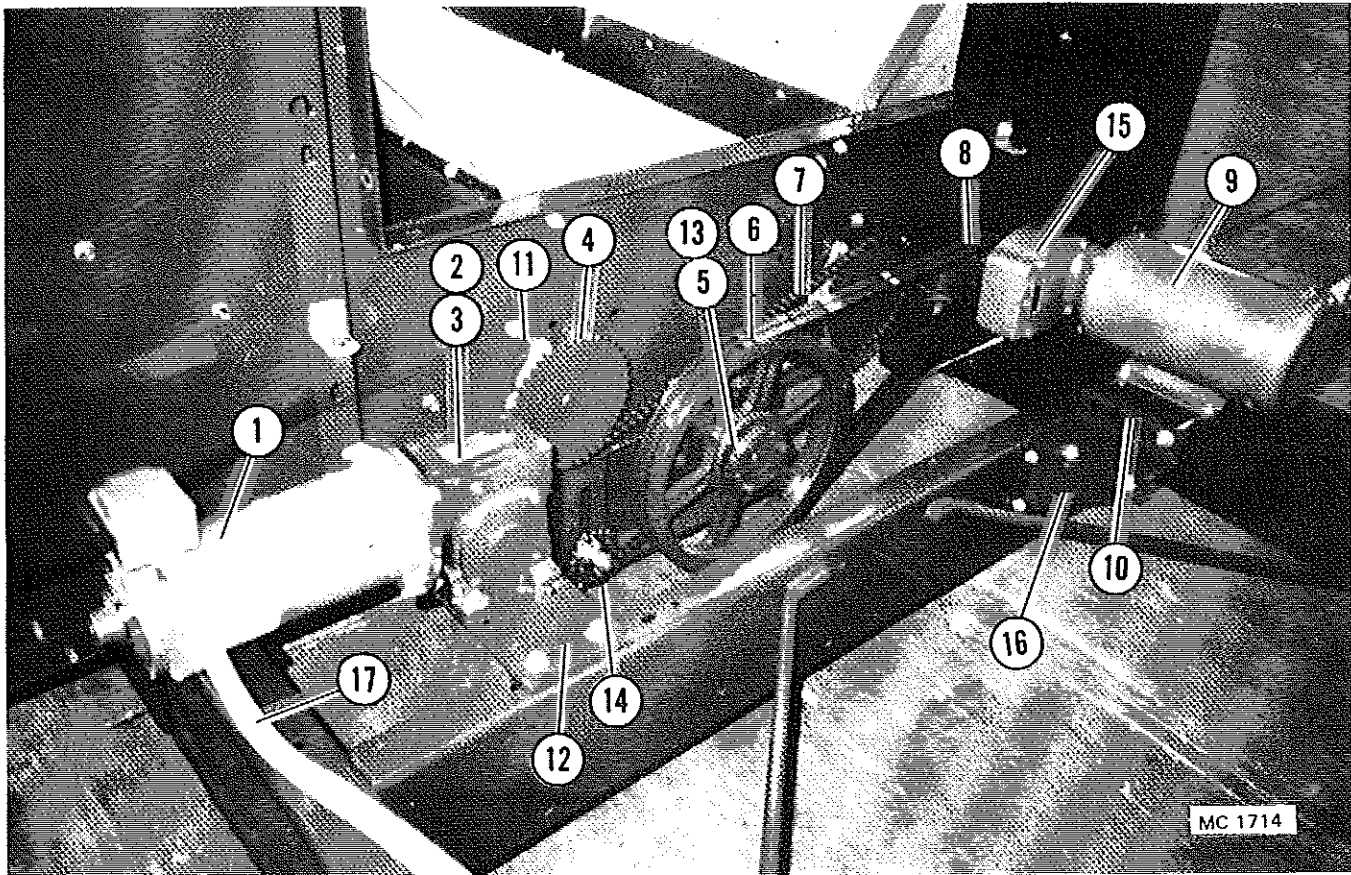


Figure 3

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	124 6837	1	DC Motor - 1/3 HP	9	124 6627	-	1.5HP 1Ø 230V Motor
	122 8613	-	DC Motor Brush		124 6626	-	1.5HP 3Ø 230/460V Motor
2	124 6624	1	SCR Gear Box (Incl. 3/16" x 1" Key - 001 5110)		124 6628	-	1.5HP 3Ø 575V Motor
	128 8947	1	Pint of Mobil SHC 634 Oil		128 1810	1	Motor to Cabinet Wire Assembly
	001 8212	4	3/8-16x1 1/4" Capscrew-Washer Hd.		000 8110	1	5/16-18x1 1/2" (7.9x38mm) Capscrew
	000 8174	4	3/8" Flatwasher		001 8213	3	5/16-18x1" (7.9x25.4mm) Capscrew
	000 8168	4	3/8" Flanged Locknut		000 8173	4	5/16" (7.9mm) Flatwasher
3	-----	-	SCR Gear Box Sprocket		000 8169	4	5/16-18 Flanged Locknut
	128 6427	1	RC-40 10Tx3/4" ID - 410, 420, & 730	10	124 4214	1	Unload Auger Motor Mount
4	-----	-	Metering Roll Sprocket		001 8209	2	3/8-16 x 1" Capscrew-Washer Hd.
	128 6406	2	RC-40 42Tx1 1/4" ID - 410, 420, & 730		001 8210	3	3/8-16 x 3/4" Capscrew-Washer Hd.
	000 8298	2	Woodruff Key 1/4"x3/4" (6.35x19mm)		001 8132	1	3/8-16 x 4" (9.5x102mm) "J" Bolt
5	021 6201	1	Pulley - 2B x 13.6 SK		000 8174	5	3/8" (9.5mm) Flatwasher
	001 5130	1	Key - 3/8" x 1" (9.5x25.4mm)		000 8168	5	3/8-16 (9.5mm) Flanged Locknut
6	021 6100	1	B-65 Belts (Matched Set-2)	11	001 6016	2	1 1/4" (31.8mm) 3 Bolt Flange Bearing
7	128 6316	1	Chain - RC-40 x 152 Pitch	12	128 0367	1	SCR Gear Box Mount
	002 6309	-	Connecting Link		001 8210	4	3/8-16 x 3/4" Capscrew-Washer Hd.
8	121 6203	1	Pulley - 2B - 3-3/16" OD - 7/8" (22.2x80.96mm) Bore		000 8174	4	3/8" (9.5mm) Flatwasher
	001 5112	1	Key - 3/16" x 1 3/8" (4.8x35mm)		000 8168	4	3/8-16 (9.5mm) Flanged Locknut

Continued on next page

SCR Drive Motor and Gear Box

Ref.	Part No.	Qty.	Description
13	001 6202	1	SK Bushing - 1-7/16" (36.5mm) I.D. (Incl. capscrews)
14	128 6414	1	Idler Sprocket 18T x 1/2" (12.7mm)
15	124 6620	1	Gear Box - Unload Auger Motor (620/720/820)
16	124 4485	1	Discharge Motor Mount Bracket
17	128	1	SCR Motor to Cabinet Flexible Conduit 3/8" x 43" (9.5mm x 109cm) with 45° Elbow & Straight Connectors
18	128 0370	1	Drive Guard - Wire
	001 3302	2	Angle Clip
	000 8202	4	5/16-16 x 3/4" (7.9 x 19mm) Washer Head Bolt
	000 8173	2	5/16" (7.9mm) Flatwasher
	001 8184	2	5/16" (7.9mm) Clip Nut
	000 8169	2	5/16" (7.9mm) Whiz Locknut
19	121 8957	AR	Rubber Guard Edge
20		1	Unload Auger Motor to Cabinet Flexible Conduit with (2) Straight Connectors 1Ø 3/8" x 40" (9.5mm x 96cm) 3Ø 1/2" x 40" (12.7mm x 96cm)

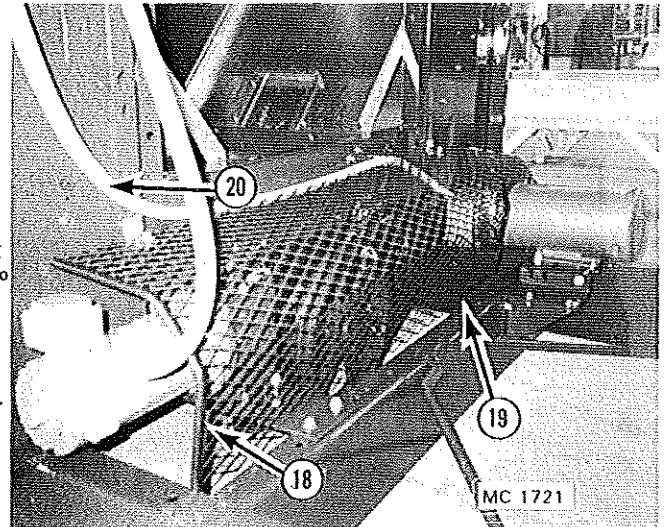
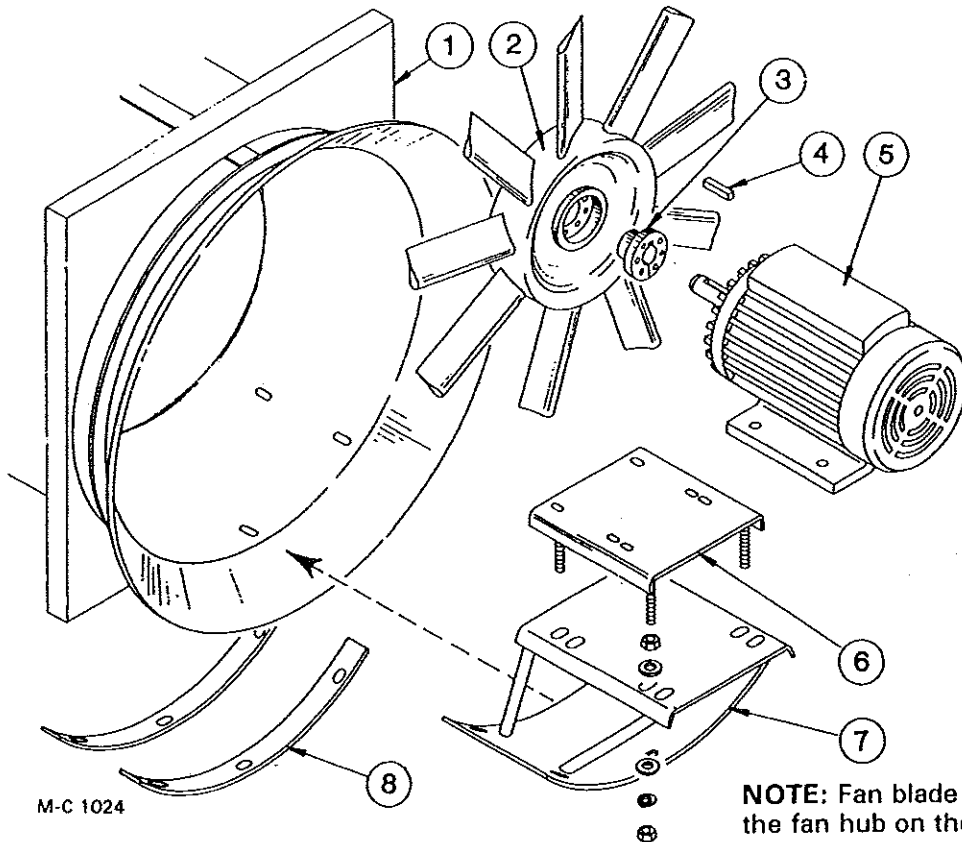


Figure 4

Fan and Fan Motor Mount



NOTE: Fan blade pitch in degrees is stamped on the fan hub on the side opposite the bushing.

NOTE: Quantities shown are for one fan assembly.

Ref. Part No.	Qty.	Description	Ref. Part No.	Qty.	Description
1	128 0358	1 Fan Orifice - All	000 8293	4	$\frac{3}{8}$ -16 x 1 $\frac{1}{2}$ " Capscrew (9.5 x 38.1mm) Full Thread (7.5 & 10HP motors)
2	-----	- Fan	000 8168	4	$\frac{3}{8}$ -16 (9.5mm) Flanged Locknut
	128 9045	1 410 & 420 (9 blade 27°) w/SK Bushing 1 $\frac{5}{8}$ " (41.3mm)	000 8139	4	$\frac{1}{2}$ -13 x 1 $\frac{3}{4}$ " (12.7 x 44.5mm) Capscrew (15 & 20HP motors)
	128 8715	1 730 Lower (9 Blade 50° V.P.) w/Bushing 1 $\frac{3}{8}$ " (34.9mm) P1	000 8170	4	$\frac{1}{2}$ -13 (12.7mm) Flanged Locknut
	128 8714	1 730 Upper (12 Blade 30° V.P.) w/Bushing 1 $\frac{5}{8}$ " (41.3mm) P1	6	128 0167	1 Motor Mount (7.5 & 10HP motors)
3	121 6229	- "SK" Bushing 1 $\frac{5}{8}$ " (41.3mm) I.D. 15HP motor (410 & 420)	121 0343	1	Motor Mount (15 & 20HP motors)
	121 8117	3 5/16-18 x 2" (7.9x51mm) Socket Hd.Capscrew-Gr.5	000 8165	8	$\frac{3}{4}$ -10 (19mm) Hex Nut
4	001 5124	1 Key - 5/16 x 2 $\frac{3}{8}$ " (7.9 x 60.3mm) (7.5 & 10HP motors)	000 8177	8	$\frac{3}{4}$ " (19mm) Flatwasher
	001 5139	1 Key - $\frac{3}{8}$ x 3" (9.5x76.2mm) (15 & 20HP motors)	000 8182	4	$\frac{3}{4}$ " (19mm) Lockwasher
5	-----	- Fan Motor	7	121 0258	1 Motor Mount Base
	201 6818	1 230/460V 10HP 3Ø Motor (730)	000 8136	5	$\frac{1}{2}$ -13 x 1" (12.7 x 25.4mm) Carriage Bolt
	201 6819	1 230/460V 15HP 3Ø Motor (410/420/730)	000 8170	4	$\frac{1}{2}$ -13 (12.7mm) Flanged Locknut
	124 6818	1 230V 10HP 1Ø Motor (730)	8	121 3356	2 Orifice Reinforcement
	124 6877	1 230V 15HP 1Ø Motor (410/420/730)	9	121 0131	1 Air Stabilizer
			10	121 3459	3 Burner Mounting Angle

INSTALLATION INSTRUCTIONS

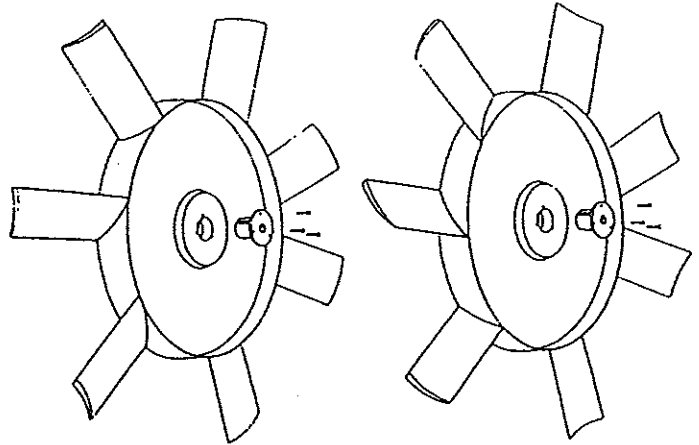
For Mounting Cast Aluminum Axial Fans on M-C Grain Dryers



CAUTION: Be sure to turn off and lock the main electric supply to the dryer before working on fan.

DO NOT use old bushing and bolts. Use new bushing and bolts supplied with this fan. **DO NOT** use lubricant on any parts.

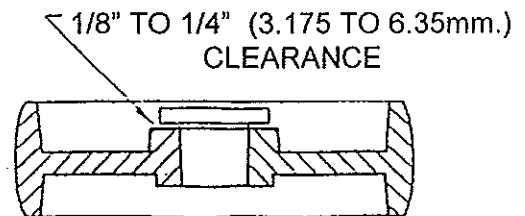
1. Make sure that inner fan bore is clean of paint/debris. Make sure motor shaft is clean and bore of bushing is clean. Clean and remove all burrs or nicks.
2. Align unthreaded holes of bushing with threaded holes in the fan. Align the shaft key with black balancing line on the fan when possible.



3. Insert the three bolts without the nylon patch through the unthreaded holes in bushing into the threaded holes in the fan. Torque down all three bolts to 15 ft./lbs. (2.07 Kg-meters): start by finger tightening all three bolts and then tighten bolts equally 1/4 turn at a time rotating from bolt to bolt until reaching 15 ft./lbs. (2.07 Kg-meters). Once tight make 3 revolutions to verify that all bolts will not rotate at all. **FAILURE TO TORQUE THE BOLTS CORRECTLY MAY RESULT IN THE FAN COMING LOOSE FROM MOTOR SHAFT!**
4. Remove the bolts and install the bolts with flange whiz lock head, plus nylon patch. If a nylon patch bolt is not available, apply lock-tight. Lock-tight should be applied only at one specific location - 5/8" (15.88mm.) from head of bolt x 1/2" (12.7mm.) long.
5. Retorque bolts down to 15 ft./lbs. (2.07 Kg-meters).
6. When torqued at 15 ft./lbs. (2.07 Kg-meters), make 3 revolutions rotating from bolt to bolt at 15 ft./lbs. (2.07 Kg-meters) to verify that all bolts will not rotate at all.

Note: If a pop is heard while tightening, it is possible the fan was cracked at the bolt holes. Do not attempt to use the fan if this has occurred. Remove the fan and inspect the bore of the fan for a crack running along the threaded hole of the fan. If a crack exists, call the factory immediately.

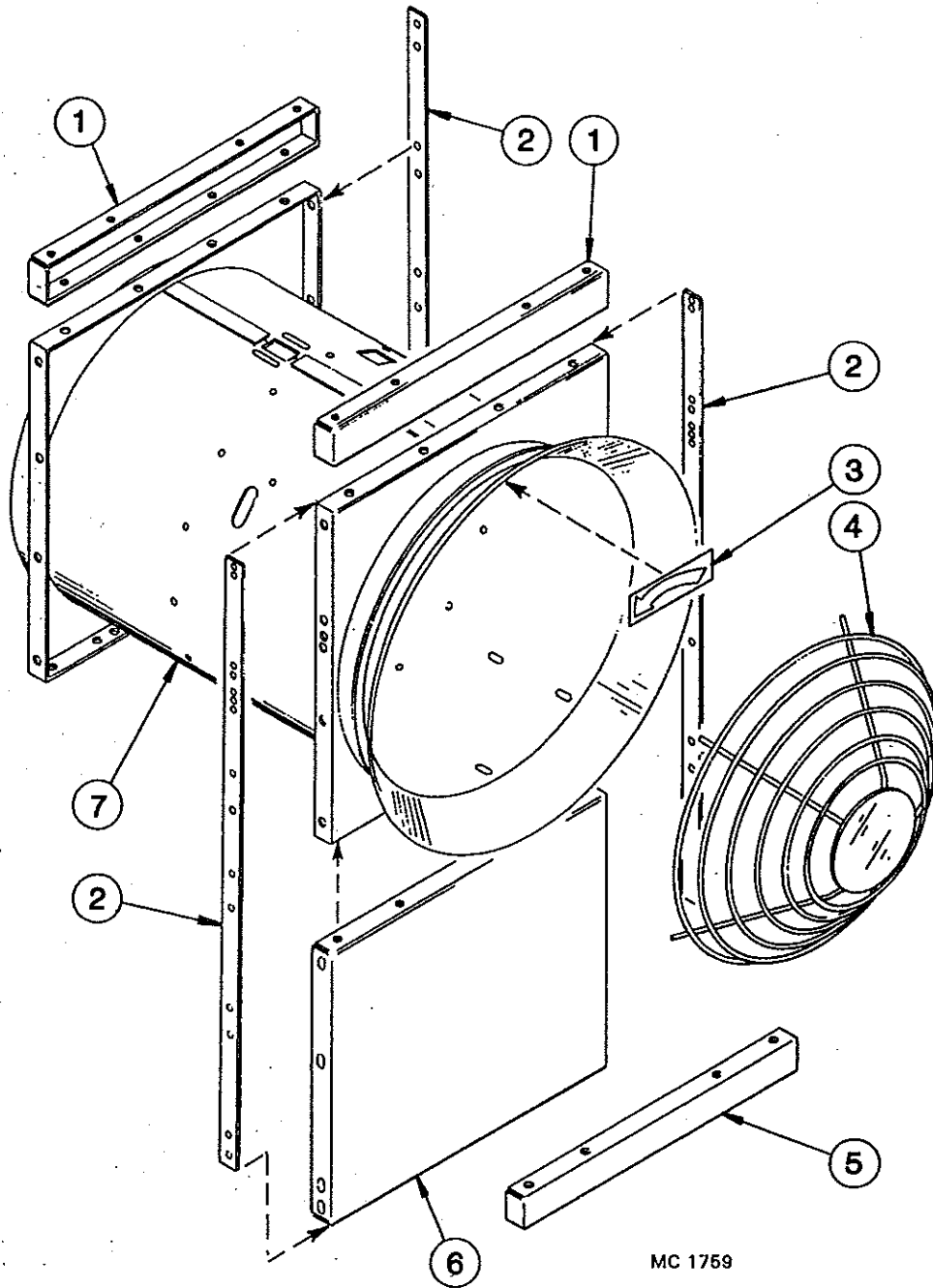
7. **CAUTION: DO NOT ATTEMPT TO PULL THE HEAD OF THE BUSHING FLUSH WITH THE CASTING!** There should be a clearance of 1/8" to 1/4" (3.175 to 6.35mm.) when the bushing is properly tightened. In no case should the fan be used if the bushing head is in contact with the fan. Contact the factory immediately if this occurs.



8. **BE SURE ALL TOOLS AND HARDWARE ARE CLEAR OF DRYER.** Manually rotate the fan to assure clearance between the blade and the housing. There should be a minimum clearance of 1/16" (1.59mm.) at any point. A minor motor position change or shaft and bearing position change may be required in order to obtain proper clearance. Reinstall guard and jog starter to assure the fan does not touch housing. Once clearance is assured, dryer is ready for operation. The dryer should be felt for vibration. Any vibration in excess of a tingling feeling to the fingers should be noted and the factory should be contacted.

Form D331 (Revised February 2000)

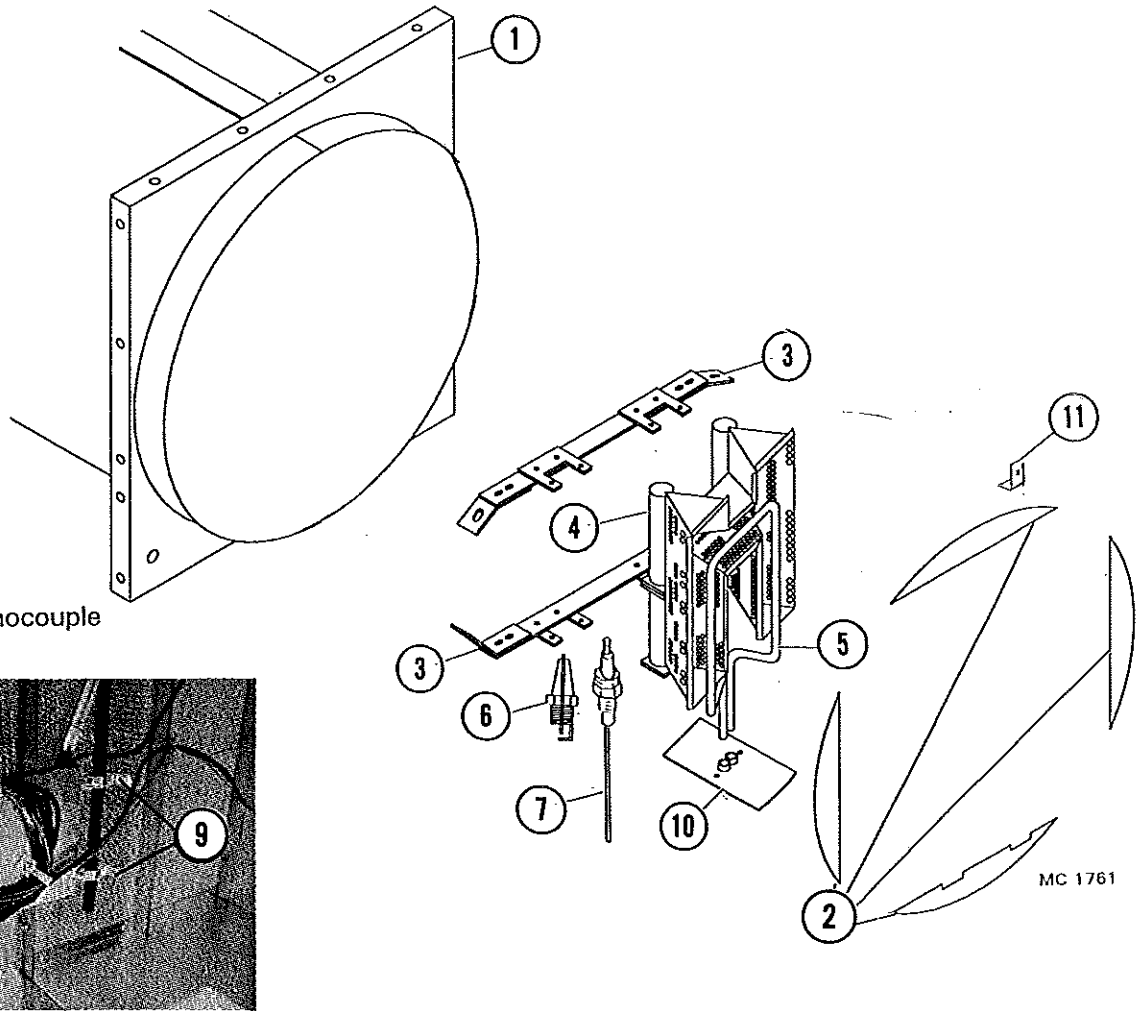
CF Fan Orifice Supports and Fan Guard



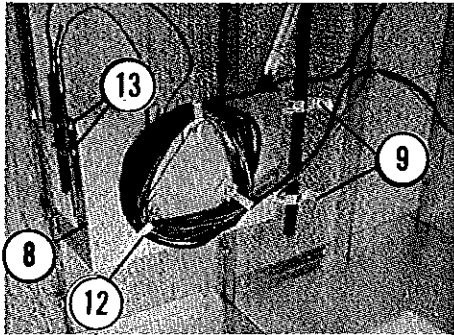
MC 1759

Ref.	Part No.	Qty.	Description
1	128 0273	2	Orifice Joiner Channel (720, 730, & 820) Top of Lower Fan
2	128 3465	2	Fan Housing Brace (320, 410, 420, & 520) 55 3/4" (142cm) Long
	128 3463	3	Fan Housing Brace (620) 71" (180cm)
3	121 8301	AR	Counterclockwise Arrow Decal
4	121 8956	AR	Fan Guard
5	128 0272	1	Orifice Support Channel (320, 410, 420, 520, 720, 730, & 820)
6	128 4570	1	Spacer Panel (320, 410, 420, & 520)
	128 4445	1	Spacer Panel (620)
7	128 0358	AR	Fan Orifice - All (Maxon)

INFINITY CF MODEL BURNERS



Thermometer,
Modulating Valve,
High Limit, & Thermocouple
Sensing Bulbs



NOTE: Quantities shown are for (1) burner.

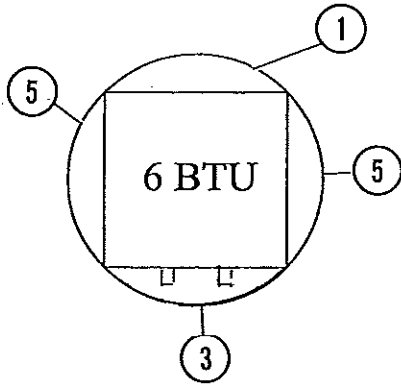
Ref	Part No.	Qty.	Description
1	128 0358	1	Axial Maxon Housing
2		4	Profile Plate (See Chart -- page 24)
3	124 1277	2	Mount Bracket Assembly 4 MBTU Burner (720/730/820)
	124 1278	2	Mount Bracket Assembly 6 MBTU Burner (320/410/420/520/620/820)
4	128 8702	1	Maxon 6 MBTU Burner (320/410/420/520/620 & 820 Upper)
	128 8707	1	Maxon 8 MBTU "Double H" (410/420/520/620 & 820 Upper Only) Nat. Gas Only
	128 8703	1	Maxon 4 MBTU Burner (720, 730, & 820 Lower)
5	128 8706	1	Vaporizer (LP) 1" (25.4mm) All Burners
6	124 7000	1	Spark Plug
	128 6998	1	Rubber Boot
7	124 6872	1	Flame Sensing Probe
	128 6998	1	Rubber Boot
8	124 2949	1	Sensing Bulb Mount Bracket
9	120 6949	2	Mod Valve Sensing Bulb Bracket
10	128 0359	1	Seal Plate LP
	128 0364	1	Seal Plate NG
11	124 2612	8	Profile Plate Bracket
12	124 8325	3	Capillary Tube Holder
13	120 6950	4	Thermocouple & High Limit Bulb Bracket

Not Shown:

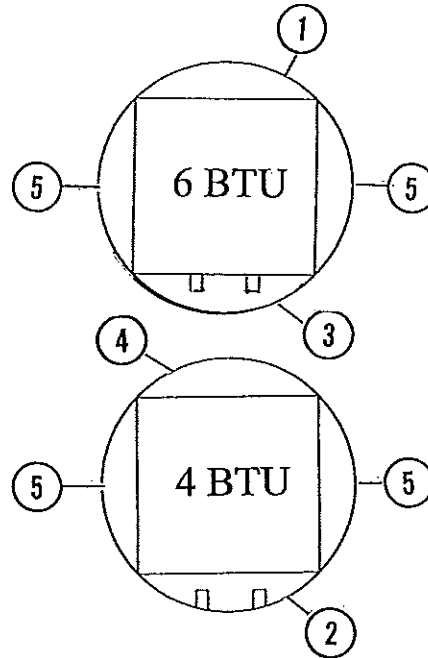
124 4879	1	Fan Housing Extension (Bottom Burner Only)
124 6994	1	Ignition Board 115V
122 9003	1	Ignition Wire 84" (213cm) w/90° Boot
124 1079	1	Low Voltage Black Wire Assembly 18ga. 84" (213cm) Sense Probe (See Ref. #11, pages 36, 38, 40, & 42)

INFINITY BURNER PROFILE PLATES

410/420

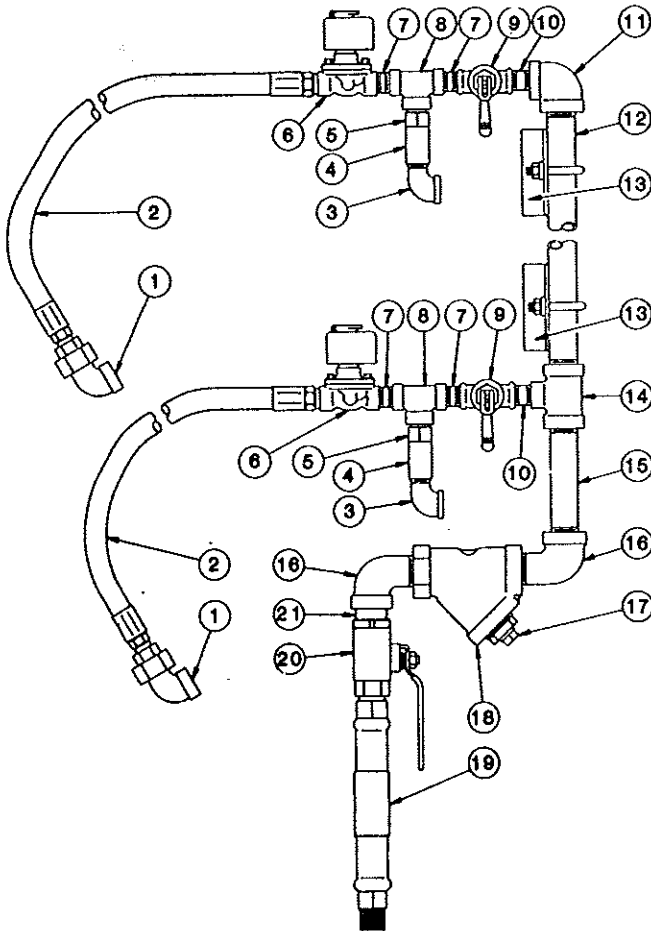


730

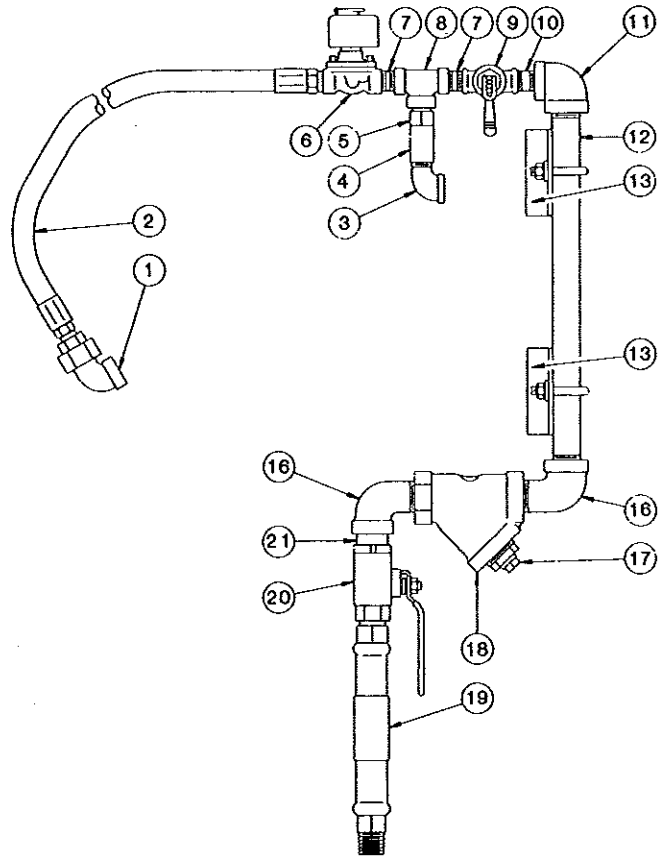


Ref.	Part No.	Qty.	Description
1	124 2946	AR	Profile Plate 19" (48cm)
2	124 2947	AR	Profile Plate 26" (66cm) Vaporizer
3	124 2948	AR	Profile Plate 19" (48cm) Vaporizer
4	124 2945	AR	Profile Plate 26" (66cm)
5	124 2944	AR	Profile Plate 21 $\frac{7}{8}$ " (55cm)

CF Model LP Gas Liquid Line Manifolds



730



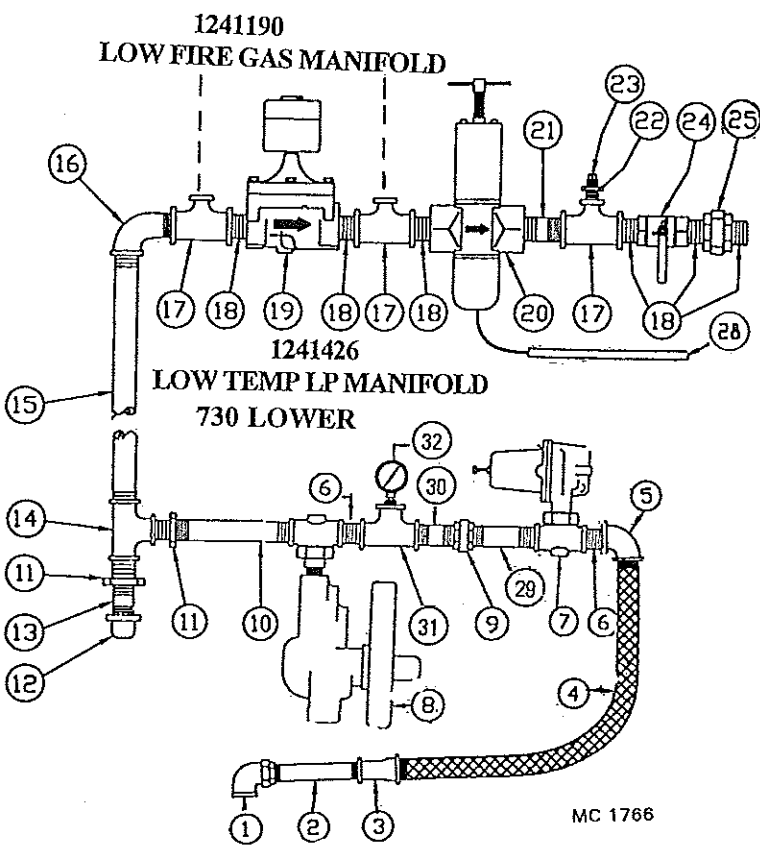
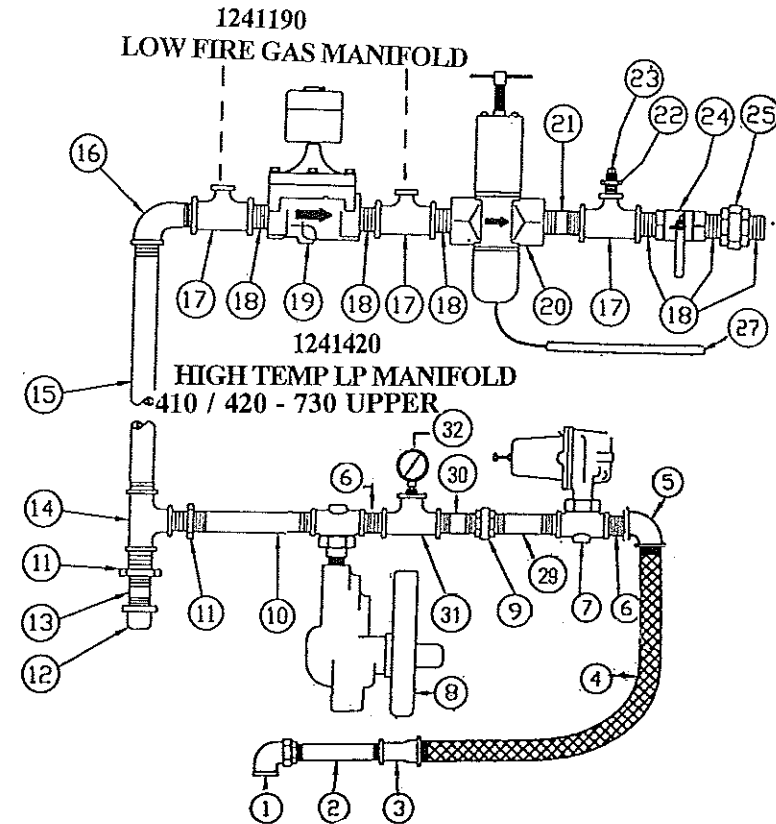
MC 1762

**410
420**

Ref.	Part No.	Description
1	128 8010	½" (12.7mm) Extra Hvy. Union Elbow
2	128 8400	½" (12.7mm) ID x 34" Hose w/Couplings
3	121 8048	½" (12.7mm) – 90° Std. Street Elbow
4	121 7013	Relief Valve
5	121 7014	Relief Valve Adapter
6	125 7082	½" (12.7mm) Solenoid Valve
7	121 8094	½" x 1 ½" (12.7 x 38.1mm) Extra Hvy. Nipple
8	120 8035	½" (12.7mm) Extra Hvy. "T"
9	121 7015	½" (12.7mm) Hand Valve
10	128 8048	½ x 2 ½" (12.7 x 6.35mm) Extra Hvy. Nipple
11	121 8043	1" to ½" (25.4 to 12.7mm) – 90° Extra Hvy. Elbow
12	128 8062	1 x 43" (2.54 x 109cm) Extra Hvy. Nipple (720 & 820)
	128 8055	1 x 16 ½" (2.54 x 41.9cm) Extra Hvy. Nipple (320, 520, & 620)

Ref.	Part No.	Description
13	128 2670	Liquid Line Support
	001 8123	5/16-18 x 1 ¾" (7.9 x 34.9mm) "U" Bolt
	000 8106	5/16-18 x ¾" (7.9 x 19mm) Capscrew
	000 8169	5/16-18 (7.9mm) Flanged Locknut
14	125 8018	1 x 1 x ½" (25.4 x 25.4 x 12.7mm) Extra Hvy. "T"
15	128 8043	1 x 6" (2.54 x 15.2cm) Extra Hvy. Nipple
16	125 8028	1" (25.4mm) – 90° Extra Hvy. Street Elbow
17	121 8081	½" (12.7mm) Pipe Plug
18	125 8095	1" (25.4mm) Strainer
19	121 7026	Inlet Hose
20	128 8012	1" (25.4mm) Hand Valve
21	125 8030	1" (25.4mm) Close Extra Hvy. Nipple

INFINITY LIQUID PROPANE (LP) GAS BURNER MANIFOLDS



1241276
MANIFOLD TO BURNER
410 / 420 / 730

NOTE: Quantities shown are for one burner.

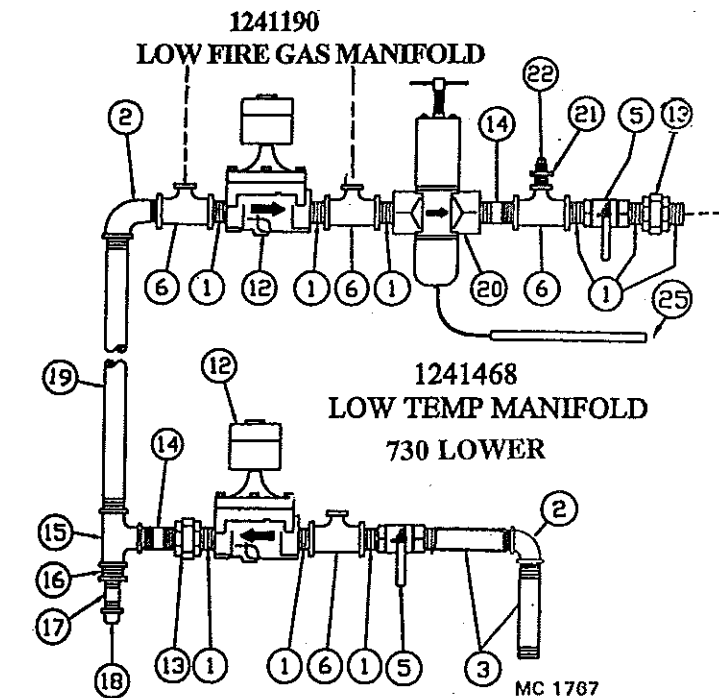
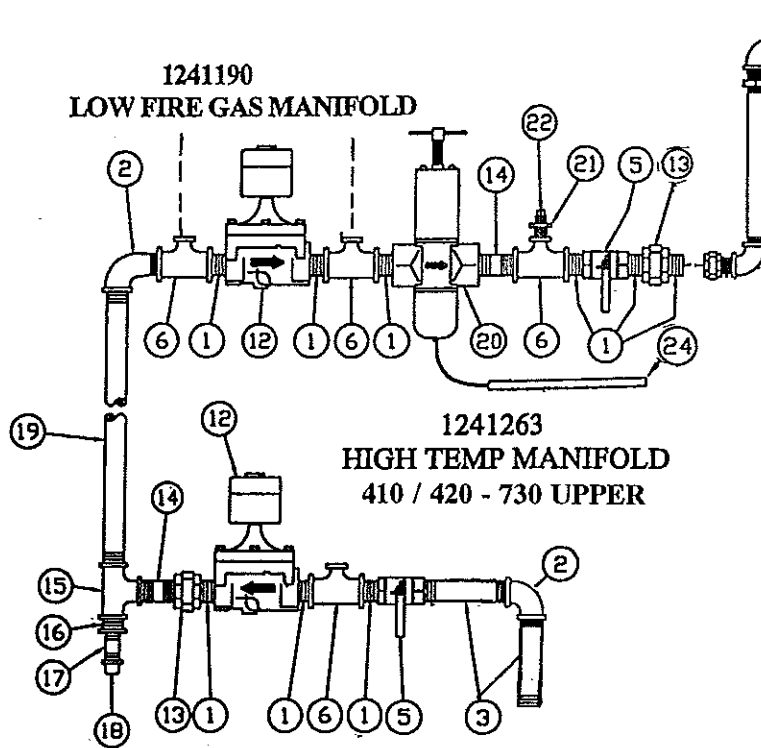
Ref. Part No.	Qty.	Description
1	128 8010	1 1/2" (12.7mm) Union Elbow
2	128 8052	1 1/2" x 3 1/2" (12.7x89mm) Nipple
3	128 8041	1 3/4" x 1/2" (19x12.7mm) Coupling
4	123 7033	1 3/4" (19mm) S.S. Braided Hose
5	121 8027	1 3/4" (19mm) 90° Elbow Ex.Hvy.
6	121 8005	1 3/4" (19mm) Close Nipple Ex.Hvy.
7	128 7005	1 LP Pressure Regulator
8	128 7020	1 LP Low Pressure Regulator
9	121 8072	1 3/4" (19mm) Std. Union
10	121 8010	1 3/4" x 6 1/2" (19x165mm) Nipple
11	123 8078	2 3/4" to 1 1/4" (19 to 31.8mm) Hex. Reduce Bushing
12	121 8034	1 3/4" (19mm) Pipe Cap
13	121 8006	1 3/4" x 2" (19x50mm) Nipple Ex.Hvy.
14	123 8057	1 1 1/4" (31.8mm) Tee
15	127 8021	1 1 1/4" x 9 1/2" (31.8x241mm) Nipple
16	123 8062	1 1 1/4" (31.8mm) Street Elbow
17	127 8131	3 1 1/4" x 1 1/4" x 3/8" (31.8 x 31.8 x 9.5mm) Tee
18	123 8069	6 1 1/4" (31.8mm) Close Nipple
19	128 7001	1 1 1/4" (31.8mm) Solenoid Valve
20	123 7024	1 1 1/4" (31.8mm) Mod. Valve High Temp. 140-250°F (60-121°C)
	123 7002	1 1 1/4" (31.8mm) Mod. Valve Low Temp. 90-210°F (32-99°C)
21	125 8013	1 1 1/4" x 2" (31.8x50mm) Nipple
22	127 8132	1 1/4" to 3/8" (6.35x9.5mm) Reduce Bushing
23	125 8066	1 1/4" (6.35mm) Pipe Plug
24	123 7003	1 1 1/4" (31.8mm) Hand Firing Valve
25	123 8053	1 1 1/4" (31.8mm) Union
26	121 8069	1 3/4" x 3" (19x76mm) Pipe
27	122 7036	1 Power Element 140-250°F (60-121°C) Standard - 15 ft. (4.6m) Capillary - Code "D" High Temp. Gas Manifold
	122 7023	1 Power Element 90-210°F (32-99°C) Optional - Code "B"
	122 7019	1 Power Element 55-155°F (13-68°C) Optional - Code "Y"
28	122 7023	1 Power Element 90-210°F (32-99°C) Standard - 15 ft. (4.6m) Capillary - Code "B" Low Temp. Gas Manifold
29	125 8058	1 3/4" x 2 1/2" (19x64mm) Nipple
30	127 8009	1 3/4" x 3 1/2" (19x89mm) Nipple
31	123 8092	1 3/4" x 3/4" x 1/4" (19x19x6.4mm) Std. Tee
32	120 7002	1 Pressure Gauge 0-30 psig.

MC 1766

TORX T-30 WRENCH REQUIRED TO REMOVE POWER ELEMENT SCREWS.

Set #7 at 12 psig. (82.7 Kpa.)

INFINITY NATURAL GAS BURNER MANIFOLDS

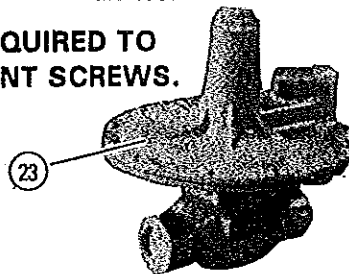


1241276
MANIFOLD TO BURNER
410 / 420 / 730

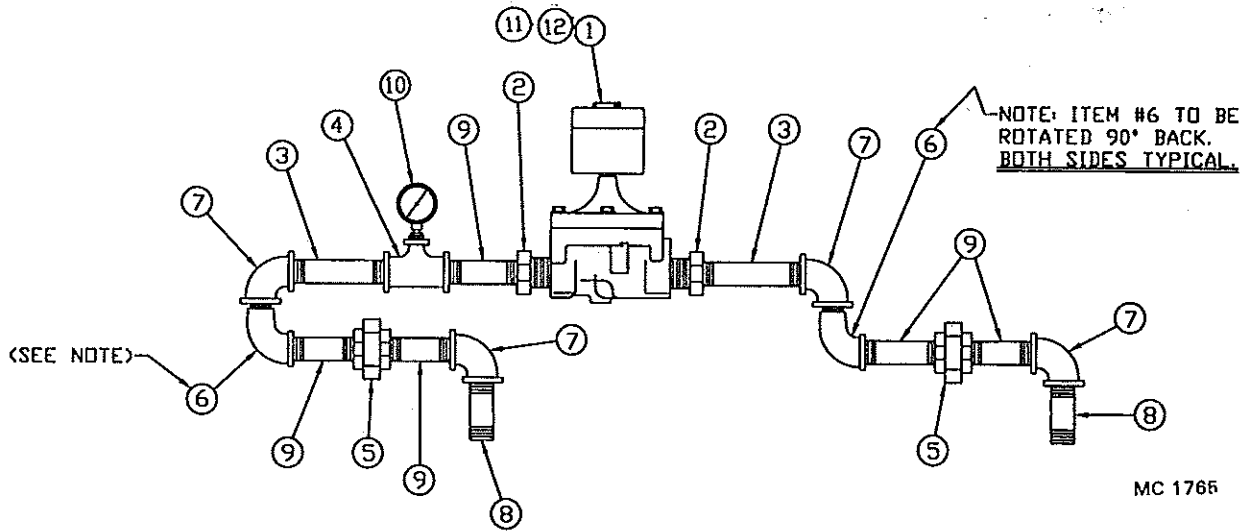
NOTE: Quantities shown are for one burner.

Ref.	Part No.	Qty.	Description
1	123 8069	10	1/4" (31.8mm) Close Nipple
2	123 8051	2	1/4" (31.8mm) Elbow 90°
3	123 8055	2	1/4" x 4" (31.8x102mm) Nipple
5	123 7003	2	1/4" (31.8mm) Hand Valve
6	127 8131	4	1/4"x1/4"x 3/8" (31.8x31.8x 9.5mm) Tee
12	128 7001	2	1/4" (31.8mm) Solenoid Valve
13	123 8053	2	1/4" (31.8mm) Union
14	125 8013	2	1/4" x 2" (31.8x50mm) Std. Pipe
15	123 8057	1	1/4" (31.8mm) Tee
16	123 8078	1	3/4" to 1/4" (19 to 31.8mm) Reduce Bushing
17	121 8006	1	3/4" x 2" (19x50mm) Extra Heavy Nipple
18	121 8034	1	3/4" (19mm) Pipe Cap
19	128 8075	1	1/4" x 14" (31.8mm x 35.6cm) Pipe
20	123 7024	1	1/4" (31.8mm) Mod. Valve High Temp. 140-250°F (60-121°C)
	123 7002	1	1/4" (31.8mm) Mod. Valve Low Temp. 90-210°F (32-99°C)
21	127 8132	1	3/8" to 1/4" (9.5 to 6.35mm) Reduce Bushing
22	125 8066	1	1/4" (6.35mm) Pipe Plug
23	128 7014	1	High Pressure Nat. Gas Regulator - (1) for each dryer
24	122 7036	1	Power Element 140-250°F (60-121°C) Standard - 15 ft. (4.6m) Capillary - Code "D" High Temp. Gas Manifold
	122 7023	1	Power Element 90-210°F (32-99°C) Optional - Code "B"
	122 7019	1	Power Element 55-155°F (13-68°C) Optional - Code "Y"
25	122 7023	1	Power Element 90-210°F (32-99°C) Standard - 15 ft. (4.6m) Capillary - Code "B" Low Temp. Gas Manifold

TORX T-30 WRENCH REQUIRED TO REMOVE POWER ELEMENT SCREWS.



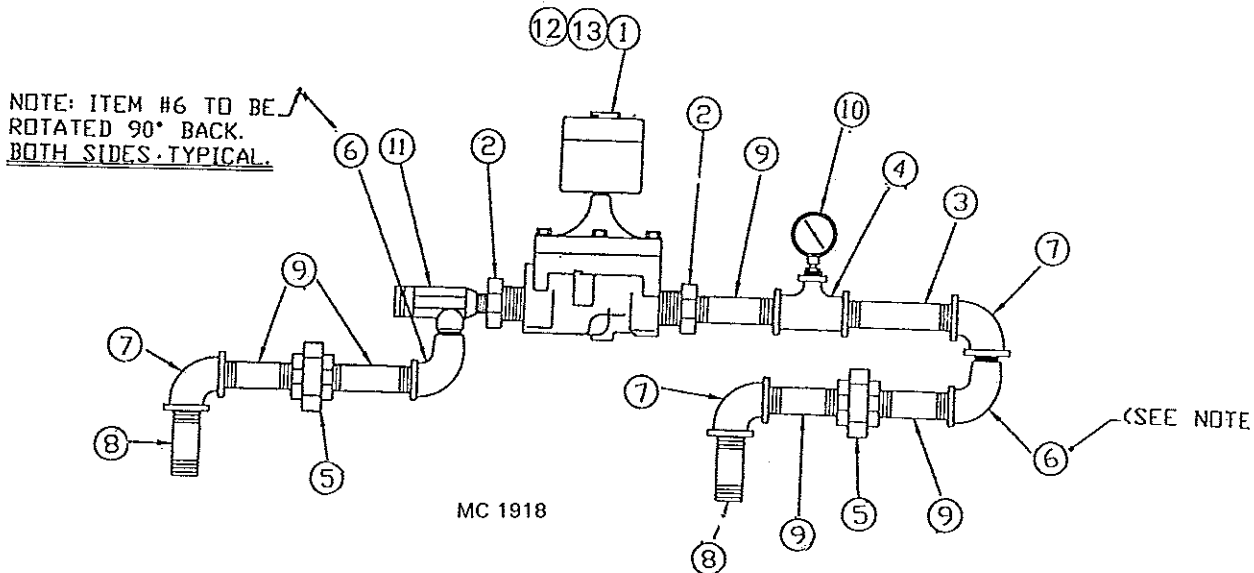
LOW FIRE LP GAS MANIFOLD #124 1190



Ref. Part No.	Qty.	Description
1	121 7002	1 3/8" (19mm) Solenoid Valve
2	128 5465	2 3/8" x 3/8" (19x9.5mm) Hex Bushing
3	128 5463	2 3/8" x 2" (9.5x50mm) Pipe
4	128 5471	1 3/8" (9.5mm) Tee
5	128 5469	2 3/8" (9.5mm) Union
6	128 5467	2 3/8" (9.5mm) 90° St. Elbow
7	128 5468	4 3/8" (9.5mm) 90° Elbow

Ref. Part No.	Qty.	Description
8	128 5464	2 3/8" (9.5mm) Close Pipe Nipple
9	128 5462	5 3/8" x 1 1/2" (19x38.1mm) Pipe Nipple
10	120 7007	1 Pressure Gauge 0-3 psig.
11	122 7035	1 Repair Kit for Ref. #1
12	122 7001	1 Coil for Ref. #1

LOW FIRE NAT. GAS MANIFOLD #124 1332

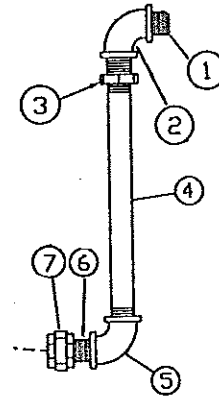
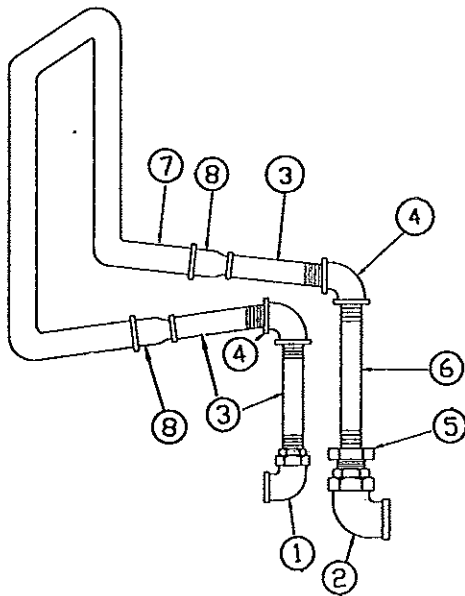


Ref. Part No.	Qty.	Description
1	121 7002	1 3/8" (19mm) Solenoid Valve
2	128 5465	2 3/8" x 3/8" (19x9.5mm) Hex Bushing
3	128 5463	1 3/8" x 2" (9.5x50mm) Pipe
4	128 5471	1 3/8" (9.5mm) Tee
5	128 5469	2 3/8" (9.5mm) Union
6	128 5467	2 3/8" (9.5mm) 90° St. Elbow
7	128 5468	3 3/8" (9.5mm) 90° Elbow

Ref. Part No.	Qty.	Description
8	128 5464	2 3/8" (9.5mm) Close Pipe Nipple
9	128 5462	5 3/8" x 1 1/2" (19x38.1mm) Pipe Nipple
10	120 7007	1 Pressure Gauge 0-3 psig.
11	128 7021	1 Adjustable Orifice
12	122 7035	1 Repair Kit for Ref. #1
13	122 7001	1 Coil for Ref. #1

BURNER VAPORIZER ASSEMBLY ALL CF MODELS

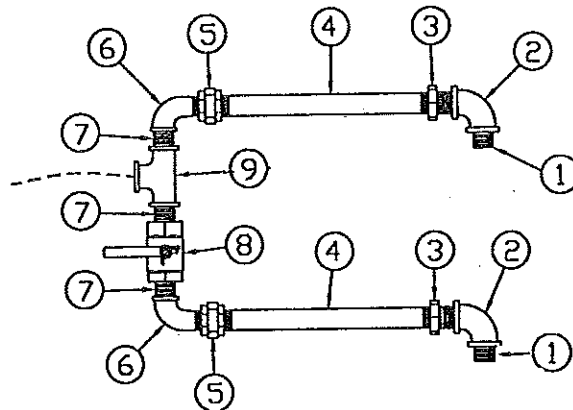
MANIFOLD TO BURNER #124 1276 CF410/620/720/820 LP OR NAT.GAS



Ref. Part No.	Qty.	Description
1 128 8010	1	1/2" (12.7mm) Union Elbow Ex. Hvy.
2 128 8019	1	3/4" (19mm) Union Elbow Ex. Hvy.
3 121 8014	3	1/2" x 5" (12.7mm x 12.7cm) Pipe Ex. Hvy.
4 121 8036	2	1/2" (12.7mm) 90° Elbow Ex. Hvy.
5 121 8029	1	1/2" to 3/4" (12.7 to 19mm) Reduce Bushing
6 121 8064	1	1/2" x 7" (12.7mm x 17.8cm) Pipe Ex. Hvy.
7 128 8706	1	1" (25.4mm) Vaporizer Pipe Ex. Hvy.
8 128 8083	2	1" to 1/2" (25.4 to 12.7mm) 90° Reducer Coupling Ex.Hvy.

Ref. Part No.	Qty.	Description
1 096 108	1	1 1/2" (38.1mm) Close Pipe Nipple
2 095 428	1	1 1/2" (38.1mm) 90° Elbow
3 125 8036	1	1 1/2" to 1 1/4" (38.1-31.8mm) Reduce Bushing
4 123 8085	1	1 1/4" x 19" (31.8mmx48.3cm) Pipe
5 123 8051	1	1 1/4" (31.8mm) 90° Elbow
6 123 8069	1	1 1/4" (31.8mm) Close Pipe Nipple
7 123 8053	1	1 1/4" (31.8mm) Union

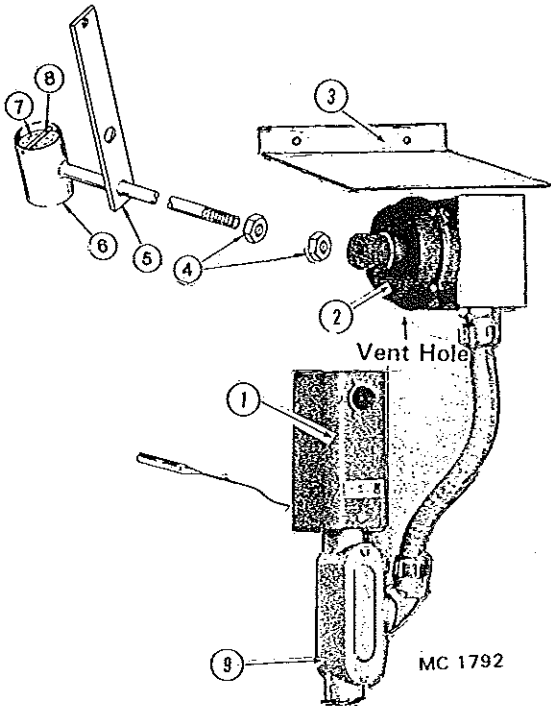
MANIFOLD TO BURNER PIPING #124 1264 CF320, 420, & 520 LP OR NAT. GAS



Ref. Part No.	Qty.	Description
1 096 108	2	1 1/2" (38.1mm) Close Nipple
2 095 428	2	1 1/2" (38.1mm) 90° Elbow
3 125 8036	2	1 1/2" to 1 1/4" (38.1-31.8mm) Reduce Bushing
4 123 8085	2	1 1/4" x 19" (31.8mmx48.3cm) Pipe

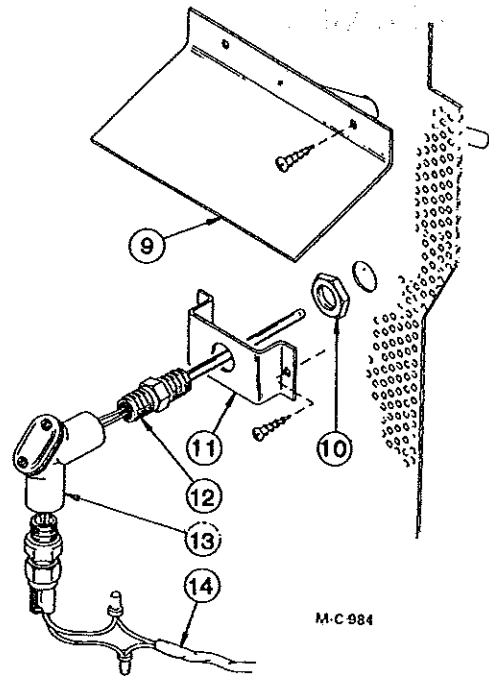
Ref. Part No.	Qty.	Description
5 123 8053	2	1 1/4" (31.8mm) Union
6 123 8051	2	1 1/4" (31.8mm) 90° Street Elbow
7 123 8069	3	1 1/4" (31.8mm) Close Nipple
8 123 7003	1	1 1/4" (31.8mm) Hand Valve
9 123 8057	1	1 1/4" (31.8mm) Tee

Moisture Control, Sensor, Air Pressure and High Limit Switches



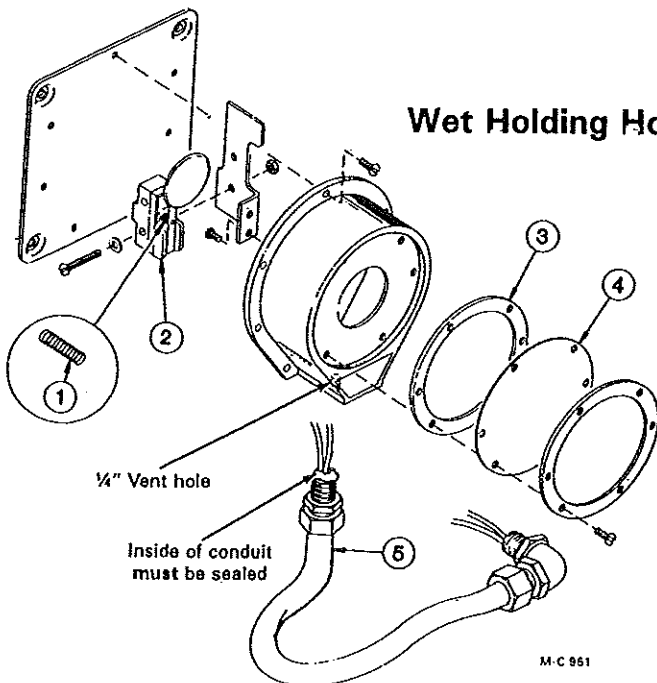
Air Pressure and High Limit Switches

Ref.	Part No.	Description
1	125 6967	High Limit Switch w/8 ft. (2.4m) Capillary-Adjustable-Manual Reset
2	121 6849	Air Pressure Switch w/Cover
3	121 2946	High Limit Switch Shield
4	121 8000	Pipe Locknut - 1/4" (6.35mm)
5	121 2007	Air Pressure Tube Bracket
6	121 0169	Air Pressure Tube
7	121 5716	Air Pressure Tube Filter
8	-----	Filter Retainer (Wire)
9	121 6883	1/2" (12.7mm) Conduit Tee w/Cover



Moisture Control Sensor

Ref.	Part No.	Description
9	121 0031	Moisture Control Shield
10	121 6915	Locknut - 1/2" (12.7mm)
11	128 3007	Bracket
12	124 6893	Thermistor Sensing Probe
13	123 8089	1/2" (12.7mm) Handy EI
14	125 6908	18/2 PVC Cord with Shield



Wet Holding Hopper Level Switch Assembly

Ref.	Part No.	Qty.	Description
-	128 6992	1	Level Switch (Less ref. 5)
1	122 6847	1	Spring
2	122 6848	1	Microswitch Assembly
3	122 6850	1	Gasket
4	122 6849	1	Diaphragm (Teflon)
5	128 1995	1	Level Switch Wire Assembly

LIMIT SWITCHES & THERMOMETERS

Repair Kits and Parts for Modulating Valves, Solenoid Valves and LP Gas Pressure Regulators

Modulating Valves 123 7002 & 123 7024
 122 9993 Seat Kit (Incl. stem, disc holder & diaphragm)
 122 7006 Diaphragm

1 1/4" (31.8mm) Solenoid Valve 128 7001
 122 7034 Repair Kit (See note)
 --- 4607 Coil

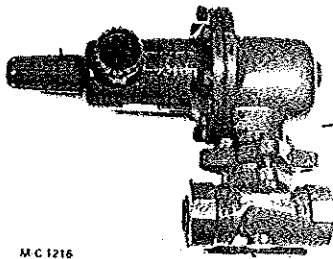
Liquid LP

3/4" (19mm) Low Fire Solenoid Valve 121 7002
 122 7035 Repair Kit
 122 7001 Coil
1/2" (12.7mm) Solenoid Valve 125 7082
 122 7039 Repair Kit (See note)
 122 7001 Coil

NOTE: Kit includes all internal parts that would require replacement in normal service and installation instructions.

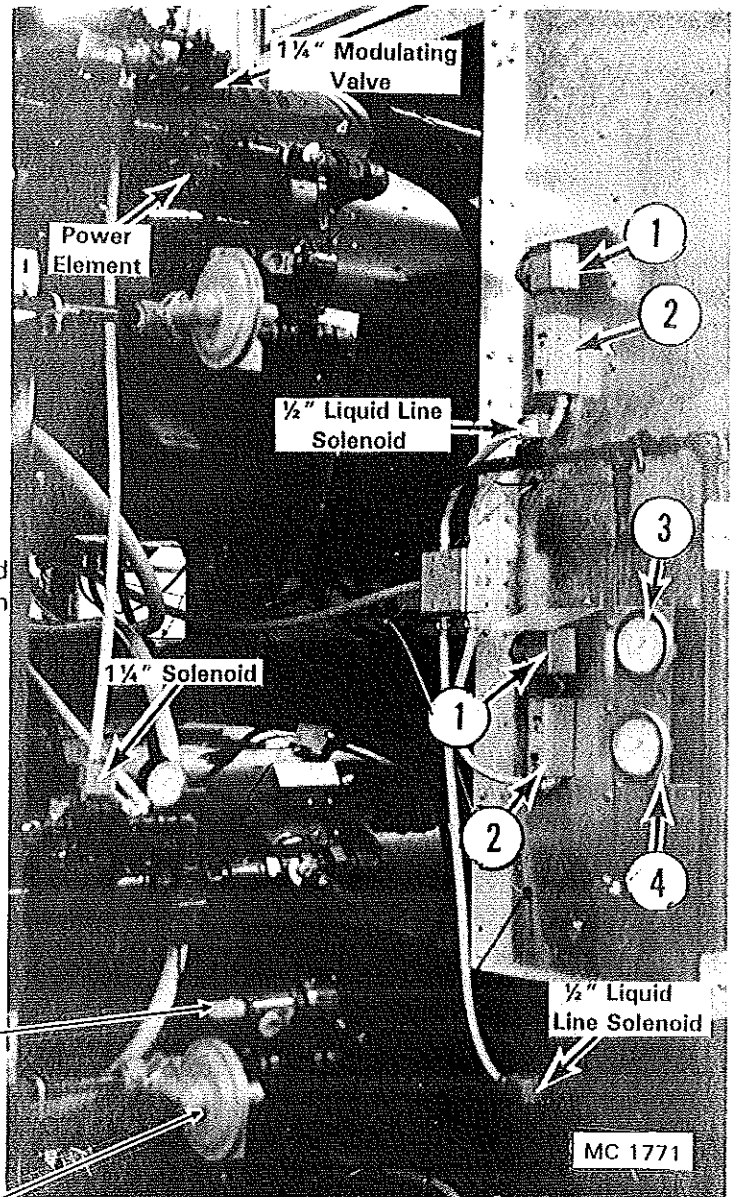
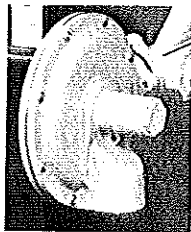
Fisher LP Gas Pressure Regulators

LP Gas High Pressure Regulator 128 7005
 122 7043 Diaphragm (Nitrile)
 122 7044 Disc Assembly
 122 7045 Control Spring (Yellow)
 122 7046 Stabilizer
 122 7047 Diaphragm Case O Ring



MC 1216

LP Gas Low Pressure Regulator 128 7020

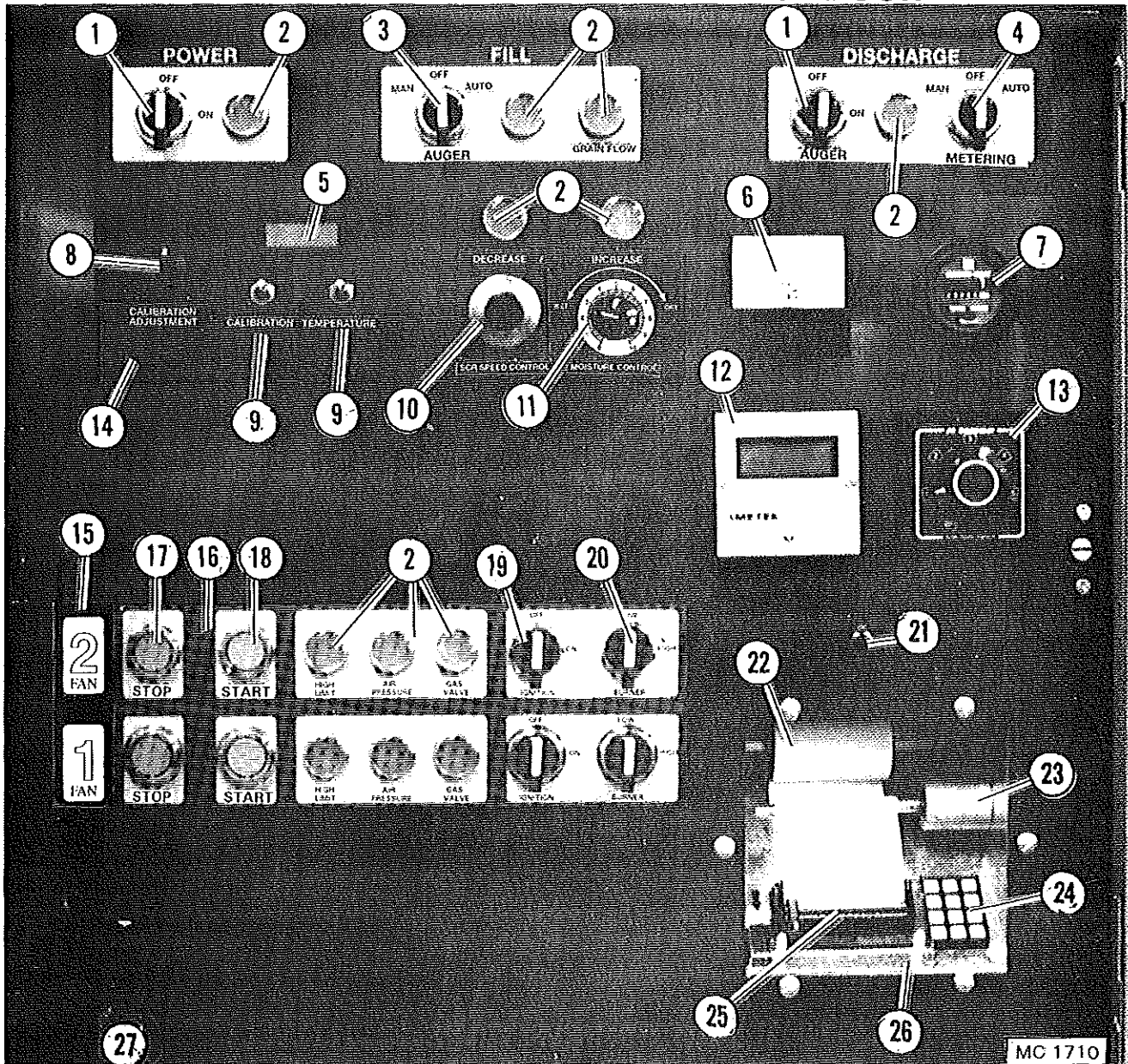


MC 1771

Limit Switches & Thermometers

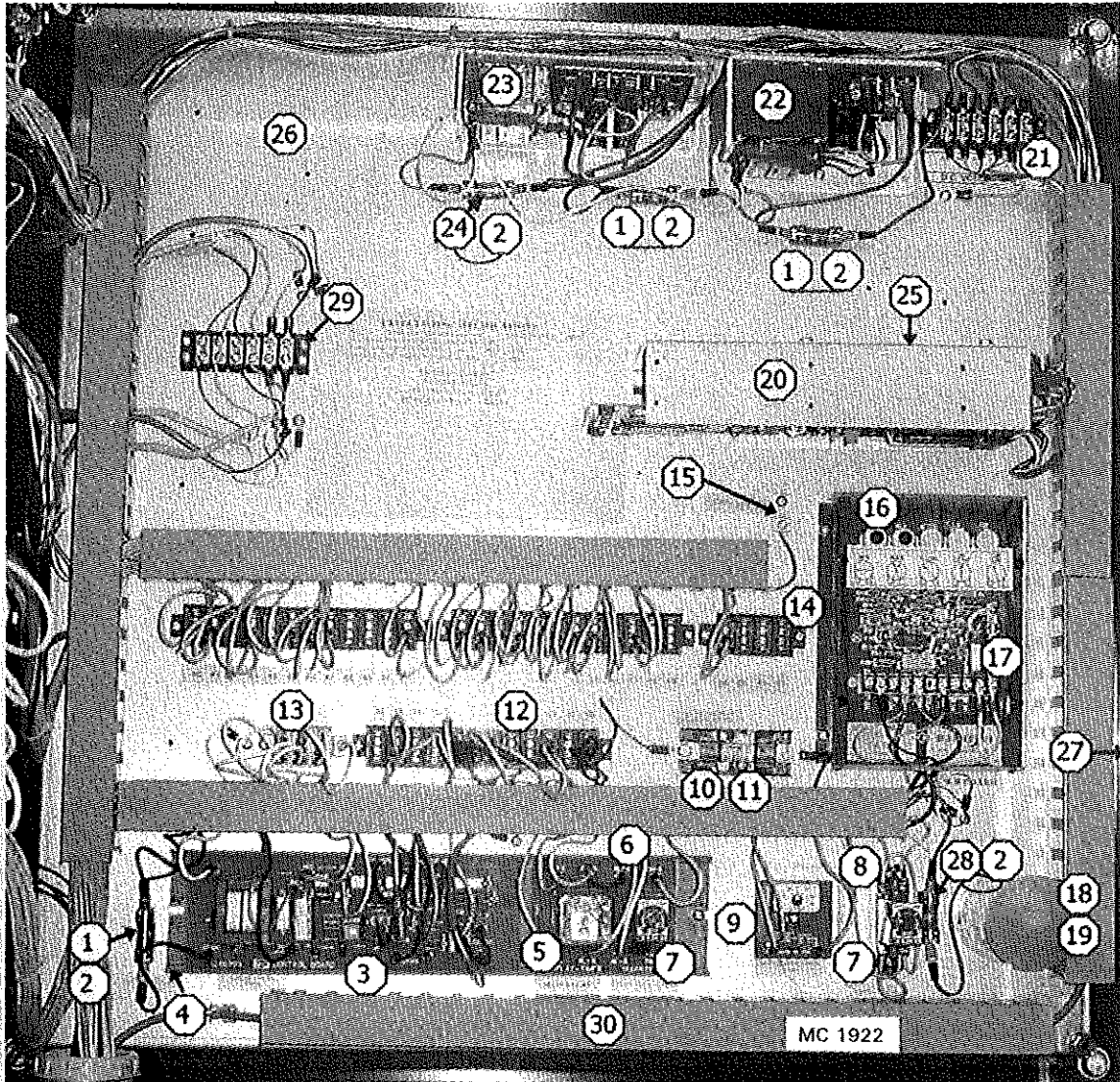
Ref.	Part No.	Qty.	Description
1	121 6849	AR	Air Pressure Switch
2	124 6934	AR	High Limit Switch, Adjustable
3	128 8983	AR	Thermometer 15 ft. Capillary
4	124 2871	1	Thermometer Double Mount Bracket 730
	124 2872	1	Thermometer Single Mount Bracket 410/420

REMOTE CABINET INSIDE CONTROL DOOR



Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	125 6809	2	OFF-ON-ON Momentary Contact Switch	124 6961	AR	1	Digital Thermometer Thermocouple 180" (4.6m)
2	125 6808	AR	Indicator Light	13	124 6959	1	Rotary Selector Switch 5-Way for 124 6958
3	125 6810	1	Switch ON-OFF-ON (Level Auger)	14	124 8303	1	Power Control Bezel
4	125 6811	1	Switch ON-OFF-ON (Metering Rolls)	15	124 8300	1	Fan & Burner Bezel 1 & 2
5	122 7068	1	Digital Display Meter	16	124 8304	1	Fan & Burner Control Bezel
6	124 6981	1	Discharge Meter	17	128 6845	2	Stop Button - Fan
7	444 645	1	Hour Meter	18	128 6844	2	Start Button - Fan
8	122 7069	1	Calibration Potentiometer-Monitor	19	125 6812	2	Switch OFF-ON - Ignition
9	125 6834	2	Push Button-Calibration and Grain Temperature	20	125 6813	2	Switch HIGH-LOW - Burner
10	124 1195	1	SCR Drive Potentiometer (10 Turn with Wires) 42" (107cm)	21	125 6839	1	Switch ON-OFF - Printer
	124 6892	1	Multi Dial with Lock	22	122 7061	1	Thermal Paper 3/8" x 246 ft. (7.94cm x 75m)
11	124 6955	1	Moisture Control Potentiometer & Wires 60" (153cm.)	23		1	Printer Take-Up Assembly
	124 6941	1	Dial	24		1	Keyboard, 12 Button
12	124 6958	1	Digital Thermometer Main Frame °F	25		1	Printer with Flat Cable
	123 6920	1	Digital Thermometer Main Frame °C	26	122 7074	1	Printer Assembly
				27	124 4876	1	2-Fan Inside Control Door (only)

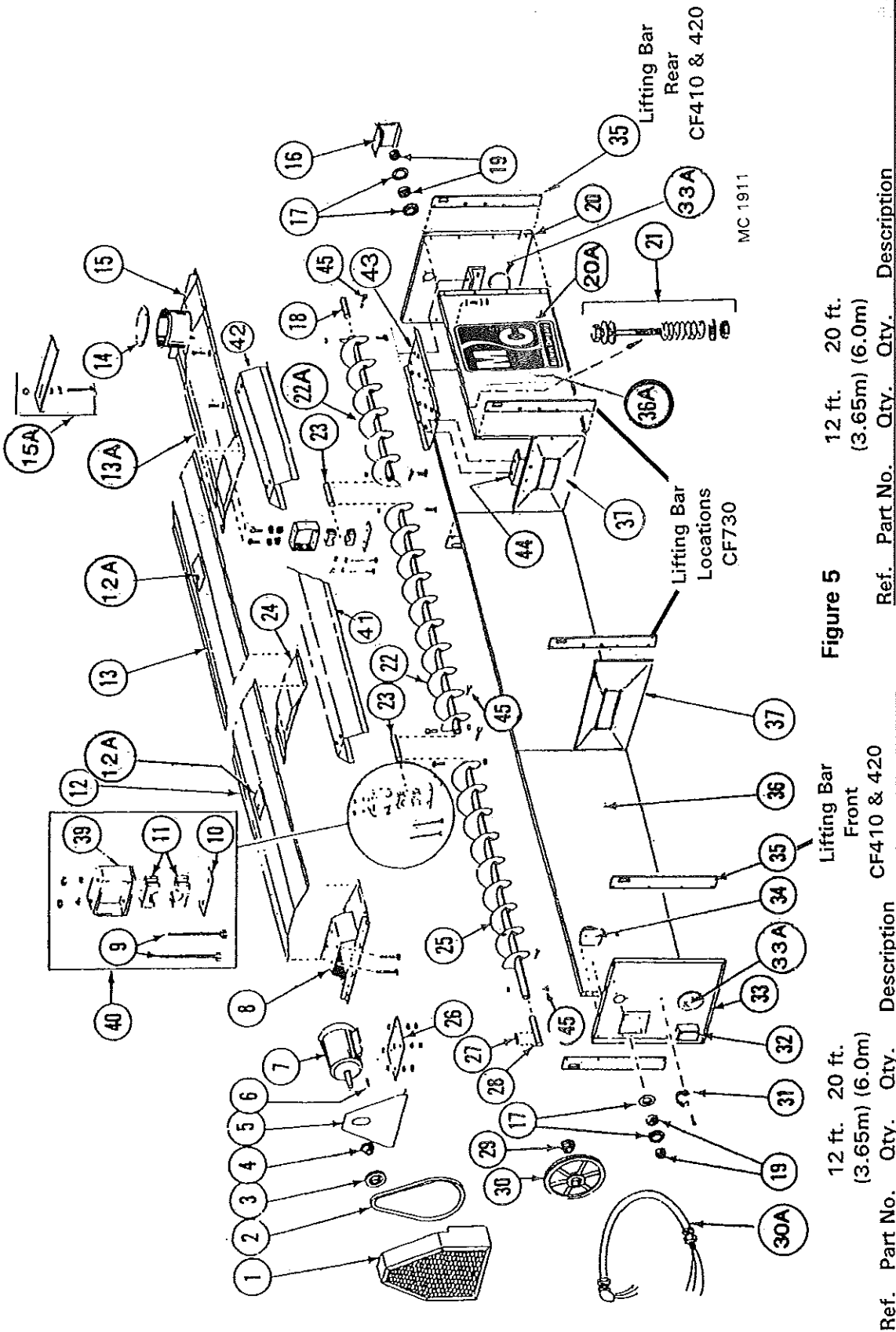
ELECTRICAL COMPONENTS IN 115 VOLT CONTROL CABINET



Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	124 6937	3	1 Amp Fuse – Slow Blow	20		1	Monitor & Printer Interface Board Holder
2	125 6836	5	Fuse Holder				
3	124 6995	1	Moisture Control Board	122 7066	1	Monitor Interface Board °Fahrenheit	
4	128 5828	1	Snap Track 14" (36cm)	122 7067	1	Monitor Interface Board °Celsius	
5	021 6809	1	Relay	122 7071	1	Printer Interface Board °Fahrenheit	
6	124 6972	1	Relay and Timer Socket Board	122 7072	1	Printer Interface Board °Celsius	
7	124 6978	2	60 Minute Adjustable Timer	21	125 6830	1	Terminal Block-6 Position (Moisture Monitor (5) Wires)
8	124 6987	1	Cold Grain Timer Base	22	122 7070	1	Printer Power Supply
9	124 6996	1	0 to 3 Minute Adjustable Level Auger Timer	23	122 7065	1	Moisture Monitor Power Supply
10	125 6956	1	7 Amp Fuse (NON-7)	24	125 6838	1	3/4 Amp Fuse
11	128 6851	1	Fuse Holder	25	124 6214	1	Mount Bracket for Interface Board Holder #
12	124 6928	3	Terminal Block 12-Position (Black)	26	124 4877	1	Component Mounting Board
13	124 6929	1	Terminal Block 3-Position (White)	27	125 6952	1	Cabinet 30 x 30" (76 x 76cm)
14	125 6805	1	Terminal Block 4-Position (Black)	28	125 6861	1	2 Amp Fuse
15	125 6918	1	Ground Lug	29	125 6830	1	Terminal Block-6 Position (Digital Thermometer & Discharge Meter Wires)
16	124 6874	1	SCR Board (Dart)	30	128 8705	AR	Wire Raceway Track
17	121 6805	1	10 Amp – GLH Fuse				
18	124 6841	1	Light Bulb Socket				
19	124 6850	1	25 Watt Rough Service Bulb				

Hopper and Level Auger

Hopper and Level Auger for Models 410, 420, & 730



MC 1911

Figure 5
12 ft. 20 ft.
(3.65m) (6.0m)

Ref. Part No.	Qty.	Description
1	1	Level Auger Guard
2	1	Level Auger Center Shaft 1 1/4" x 10 1/4" (3.175 x 26cm)
3	2	Level Auger Support 1 1/2" (28.6mm) SH Bushing for 3HP motor (incl. capscrews & lockwashers)
4	1	Level Auger Front 86" (218cm) RH Flighting
5	1	Level Auger Rear 48" (122cm) RH Flighting
6	1	Level Auger Motor Mount Plate
7	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
8	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
9	1	Level Auger 60 Cycle 3V/4.5 X 2 Groove Pulley
10	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
11	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
12	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
13	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
14	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
15	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
16	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
17	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
18	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
19	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
20	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
21	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
22	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
23	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
24	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
25	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
26	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
27	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
28	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
29	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
30	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
31	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
32	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
33	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
34	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
35	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
36	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
37	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
38	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
39	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
40	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
41	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
42	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
43	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
44	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
45	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley

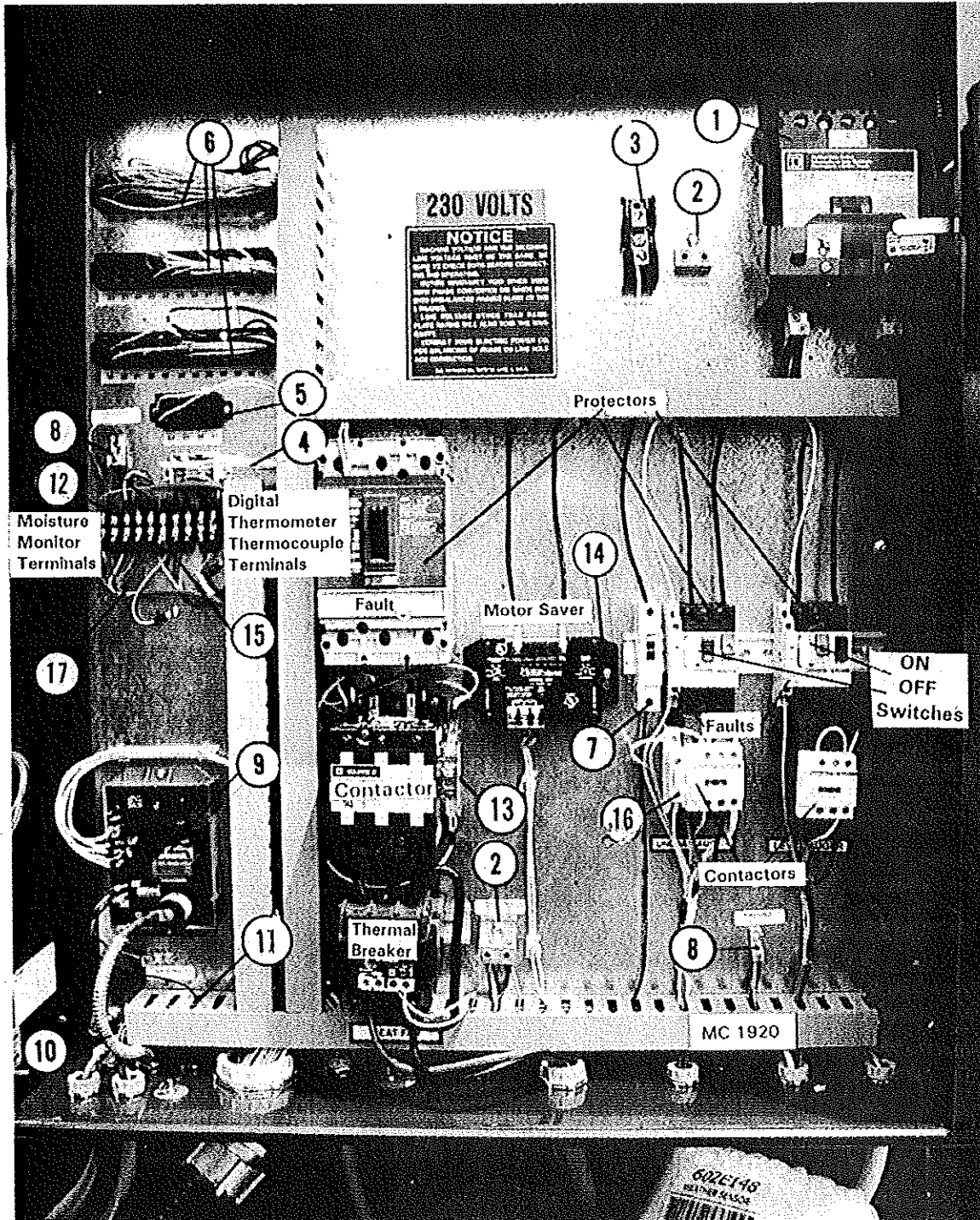
Ref. Part No.	Qty.	Description	Ref. Part No.	Qty.	Description
128 0422	1	Lifting Bar Front CF410 & 420	128 0422	1	Lifting Bar Rear CF410 & 420
128 6103	1	Lifting Bar Locations CF730	128 6103	1	Lifting Bar Locations CF730
128 6207	1	Level Auger Guard	128 6207	1	Level Auger Guard
128 6220	1	Level Auger Center Shaft 1 1/4" x 10 1/4" (3.175 x 26cm)	128 6220	1	Level Auger Center Shaft 1 1/4" x 10 1/4" (3.175 x 26cm)
128 6214	1	Level Auger Support 1 1/2" (28.6mm) SH Bushing for 3HP motor (incl. capscrews & lockwashers)	128 6214	1	Level Auger Support 1 1/2" (28.6mm) SH Bushing for 3HP motor (incl. capscrews & lockwashers)
129 0003	1	Level Auger Front 86" (218cm) RH Flighting	129 0003	1	Level Auger Rear 48" (122cm) RH Flighting
129 6103	1	Level Auger Motor Mount Plate	129 6103	1	Level Auger Motor Mount Plate
129 6207	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley	129 6207	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
129 6220	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley	129 6220	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
129 6214	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley	129 6214	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
129 6103	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley	129 6103	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
129 0003	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley	129 0003	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
128 6104	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley	128 6104	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
128 6207	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley	128 6207	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
128 6220	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley	128 6220	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
128 6214	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley	128 6214	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
129 0003	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley	129 0003	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
128 6103	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley	128 6103	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
128 6207	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley	128 6207	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
128 6220	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley	128 6220	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
128 6214	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley	128 6214	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
129 0003	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley	129 0003	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
128 6103	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley	128 6103	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
128 6207	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley	128 6207	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
128 6220	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley	128 6220	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley
128 6214	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley	128 6214	1	Level Auger 60 Cycle 3V/3.65 x 2 Groove Pulley
129 0003	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley	129 0003	1	Level Auger 50 Cycle 3V/4.5 X 2 Groove Pulley

Hopper and Level Auger for Models 410, 420, & 730

5	129 4944	1	1	Level Auger Guard Back
6	001 5119	1	1	Key - 1/4" x 1/4" x 2" (6.35x6.35x51mm) 3HP motors
7	128 6818	1	-	3HP 30 Motor 230/380/460V
	128 6829	1	1	3HP 10 Motor 230V-520/620/720/820
8	129 0001	1	1	Level Auger Motor Mount
9	001 8287	2	4	3/8"-16 x 3 3/4" (9.5 x 95.2mm) Capscrew - Grade 5
	000 8162	4	8	3/8-16 Hex Nut
10	128 3415	1	2	Bearing Hanger Bar
11	128 6021	1	2	Wood Bearing - 1 1/4" (31.75mm) 2 halves
12	129 2945	1	1	Hopper Cover Front 76" (193cm)
12A	128 8355	2	3	Warning Decal
13	129 2946	-	1	Hopper Cover - Center 83" (211cm)
13A	125 2946	1	1	Hopper Cover Rear 28" (71cm)
14	129 4204	1	1	Receiving Tube Cover
15	129 0002	1	1	Receiving Hopper
15A	129 4205	1	1	Flow Restrictor
	129 5703	1	1	Position & Locking Bolt
	000 8168	3	3	3/8-16 Flanged Locknut
16	129 4947	1	1	Stub Guard
17	001 6004	4	4	Bearing Flangette 1 1/4" (31.75mm)
18	128 5052	1	1	Level Auger Rear Shaft 1 1/4" x 8" (31.75 x 203mm)
19	001 6003	2	2	Bearing w/Lock Collar 1 1/4" (31.75mm)
20	129 2848	1	1	Hopper End Panel - Rear w/View Lens
20A	124 8307	2	2	M-C Decal 23" x 23" (58.4x58.4cm)
21	000 8101	10	16	1/4"-20x2" (6.35x51mm) Capscrew
	131 8718	10	16	Spring 3/8" OD x 1 1/4" (15.9 x 44.5mm) Plated
	000 8172	30	48	1/4" (6.35mm) Flatwasher
	000 8210	10	16	1/4"-20 Two-Way Locknut
22	128 0122	-	1	Level Auger Center 93 1/2" (238cm) RH Flighting

	000 8161	4	4	1/2-13 x 3 1/2" (12.7 x 89mm) Capscrew (Full Thread)
	000 8170	4	4	1/2-13 (12.7mm) Flanged Locknut
	000 8163	8	8	1/2-13 (12.7mm) Hex Nut
	001 5120	1	1	Key-1/4" x 1 1/2" (6.35 x 38.1mm)
	128 5051	1	1	Level Auger Front Shaft 1 1/4" x 10" (3.175 x 25.4cm)
	121 6241	1	1	1 1/4" (31.75mm) SK Bushing Incl. capscrews & lockwashers
	128 6208	1	1	3V/19.0 x 2 Groove Pulley
	128 1960	1	1	L.A. Motor Flexible Conduit w/Wires
	128 8951	1	1	Rubber Strap w/Hook
	123 6884	1	1	Round Box 1/2" (12.7mm)
	129 2851	1	1	Hopper End Panel - Front for Diaphragm Switch
	129 5702	2	2	Port View Lens
	128 6992	1	1	Level Switch - Diaphragm Type - After 1 Jan. 2002, see page 37
	129 3412	4	4	Lifting Bar
	129 2836	2	4	Hopper Side
	125 2834	2	2	Hopper Side Rear
	129 2715	1	2	Hopper Sectional Panel
	129 2603	6	8	Hopper Brace
	128 0292	1	2	Level Auger Brg. Support Bracket 3/8-16 x 1" (9.5 x 25.4mm)
	001 8209	2	4	Hex Washer Head Bolt - Grade 5 3/8" (9.5mm) Lockwasher
	001 8139	2	4	3/8-16 (9.5mm) Hex Nut
	122 1008	1	2	Level Auger Bearing Kit (Incl. Ref. 9, 10, 11 & 39 in quantities reqd. for (1) bearing)
	129 2839	-	1	Auger Cover Long
	125 2947	1	1	Auger Cover Short
	125 2761	1	1	Pan Under Auger
	128 2760	2	2	Auger Pan Support Bracket
	001 8137	8	12	3/8"-16 x 2" (9.5x50mm) Capscrew-Gr.5
	001 8149	8	12	3/8"-16 (9.5mm) Two-Way Locknut

BURNER & MOTOR CONTROL CABINET CF410 OR 420 SINGLE PHASE 230 VOLTS



BURNER & MOTOR CONTROL CABINET CF410 OR 420 SINGLE PHASE 230 VOLTS

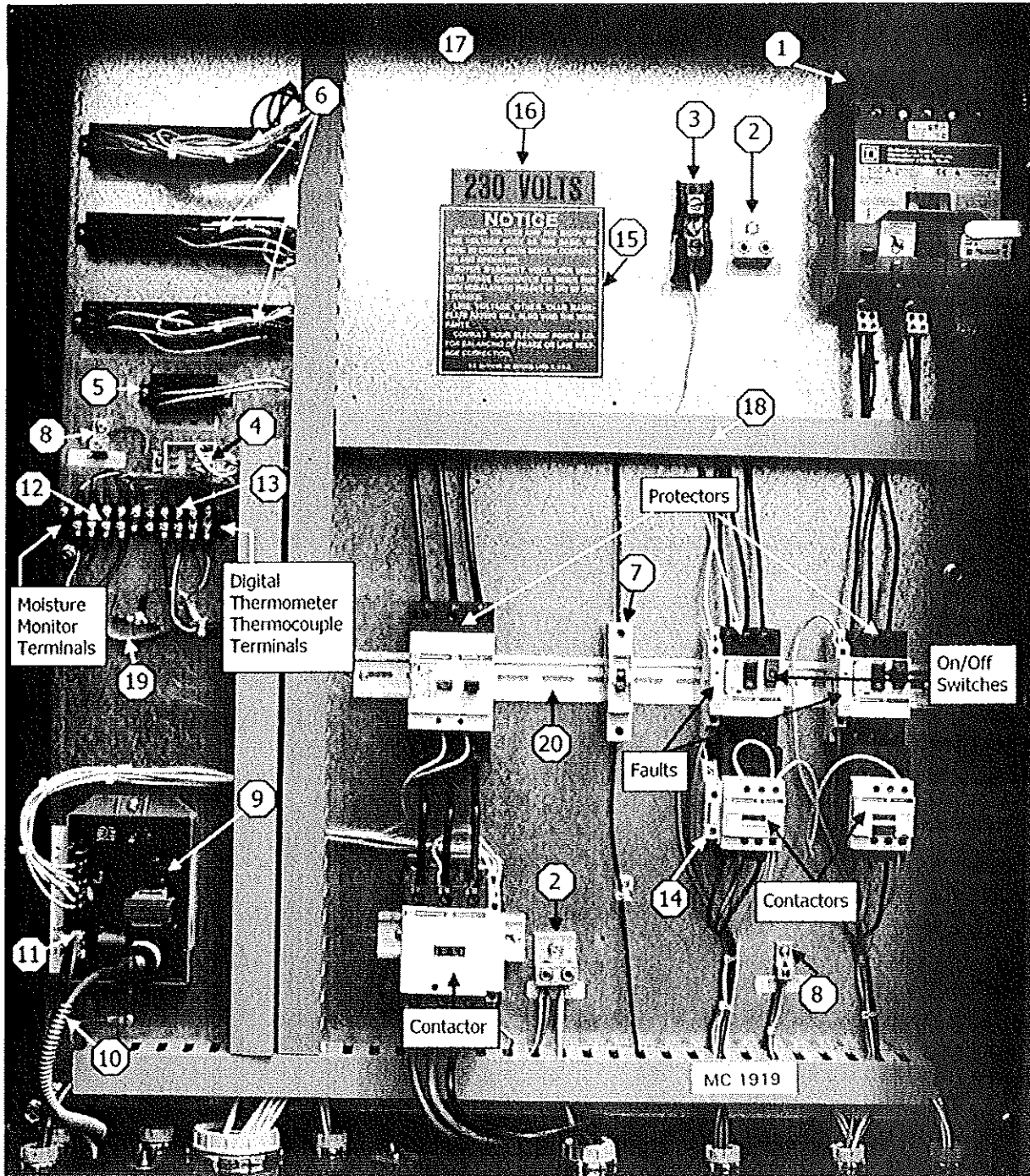
Ref.	Part No.	Qty.	Description
1	128 7517	1	Quick Disconnect Switch – 150 Amps – CF410 & 420 (1Ø/230V)
	125 6945	1	Mechanism
	125 6946	1	Lug Kit
2	125 6918	2	Grounding Lug (2) Pole
3	127 6823	1	Neutral Lug – 230V Only
4	124 6929	1	Terminal Block 3-Position (White)
5	125 6805	1	Terminal Block 4-Position (Black)
6	124 6928	3	Terminal Block 12-Position (Black)
7	125 6988	1	8 Amp Circuit Breaker 115V Power
8	125 6975	2	Grounding Lug (1) Pole
9	125 6965	1	115V Ignition Board
10	122 9003	1	Ignition Wire – 84" (213cm) w/90° Boot
11	124 1079	1	Low Voltage Black Wire Assembly (Sense Probe) 18 ga. 84" (213cm)
12	125 6842	1	Terminal Block-Screw Type 10-Position (Black) Moisture Sensor & Remote Thermometer Thermocouples
13		1	Interlock (Auxiliary) Contactor (normally open)
14	124 6947	1	Motor Saver (20HP 1Ø Motor Only)
15	124 6961	AR	Digital Thermometer Thermocouple 180" (4.6m)
16	125 6809	1	IEC Interlock (Auxiliary) Contactor (normally open)
17	128 7016	1	Sensor w/40 ft. (12.2m) Cable - Moisture Monitor

Not Shown:

124 6980	1	Grounding Rod – 9/16" x 8 ft.
124 6979	1	Grounding Rod Clamp

See pages 44 & 45 for Motor, Fault, Protector, and Contactor part numbers.

BURNER & MOTOR CONTROL CABINET CF410 & 420 THREE PHASE 230 VOLTS



BURNER & MOTOR CONTROL CABINET CF410 & 420 THREE PHASE 230 VOLTS

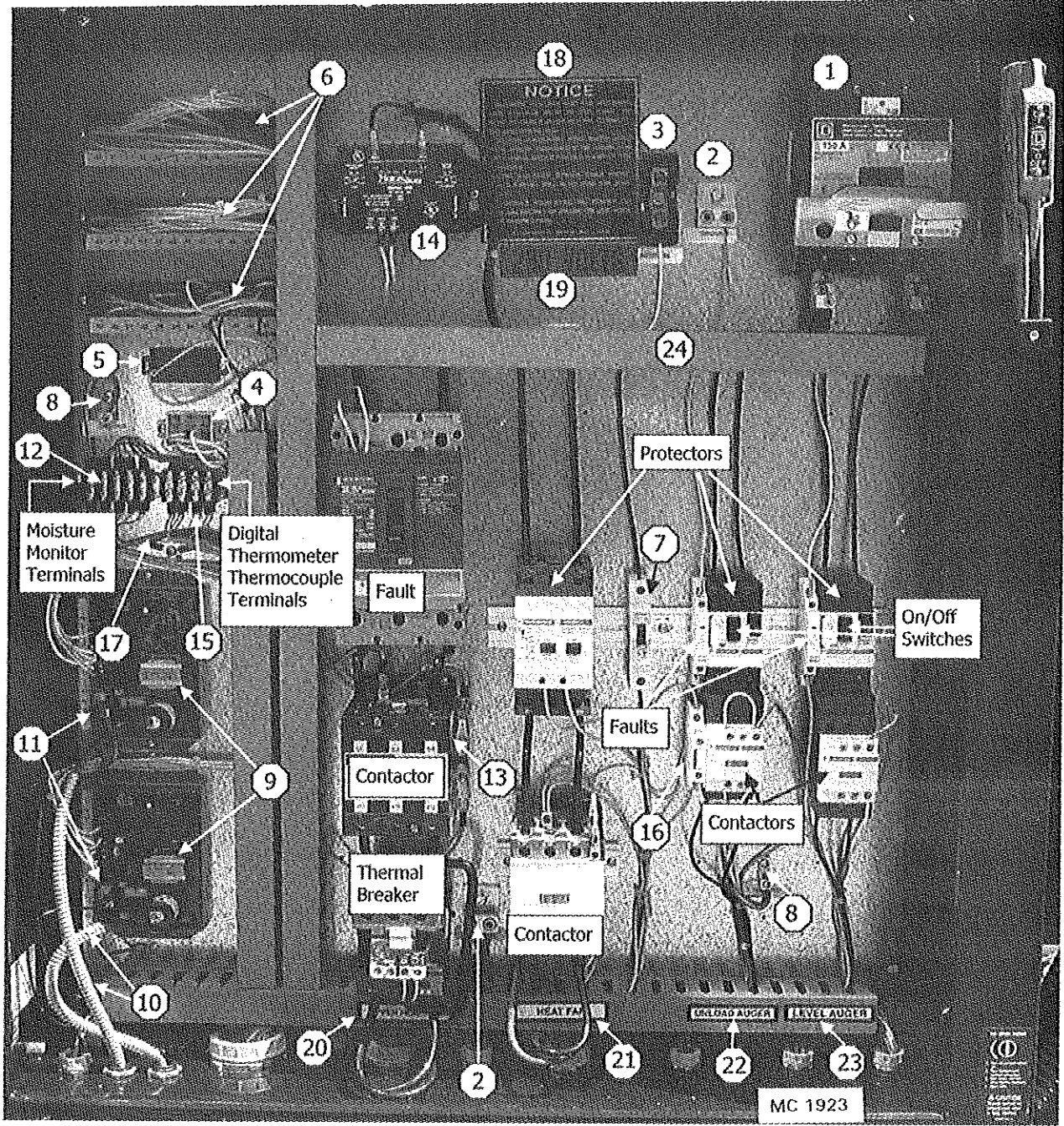
Ref.	Part No.	Qty.	Description
1	125 6925	1	Quick Disconnect Switch - 100 Amps - CF410 & 420 (3Ø/230V/460V/575V)
	125 6945	1	Mechanism
	125 6946	1	Lug Kit
2	125 6918	2	Grounding Lug (2) Pole
3	127 6823	1	Neutral Lug - 230V Only
4	124 6929	1	Terminal Block 3-Position (White)
5	125 6805	1	Terminal Block 4-Position (Black)
6	124 6928	3	Terminal Block 12-Position (Black)
7	125 6988	1	8 Amp Circuit Breaker 115V Power
8	125 6975	2	Grounding Lug (1) Pole
9	125 6965	1	115V Ignition Board
10	122 9003	1	Ignition Wire - 84" (213cm) w/90° Boot
11	124 1079	1	Low Voltage Black Wire Assembly (Sense Probe) 18 ga. 84" (213cm)
12	125 6842	1	Terminal Block-Screw Type 10-Position (Black) Moisture Sensor & Remote Thermometer Thermocouples
13	124 6961	1	Digital Thermometer Thermocouple 180" (4.6m)
14	125 6809	1	IEC Interlock (Auxiliary) Contactor (normally open)
15	121 8315	1	Notice Warranty Decal
16	123 8336	1	230 Volts Decal
	123 8335	1	460 Volts Decal
	123 8338	1	575 Volts Decal
	123 8339	1	208 Volts Decal
17	124 2886	1	Component Mount Panel - IEC
18	128 8705	AR	Wire Raceway Track
19	128 7016	1	Sensor w/40 ft. (12.2m) Cable - Moisture Monitor
20	490 6831	AR	Din Rail

Not Shown:

124 6980	1	Grounding Rod - 9/16" x 8 ft.
124 6979	1	Grounding Rod Clamp
128 8313	1	Heat/Cool Fan Decal
128 8335	1	Unload Auger Decal
121 8351	1	Level Auger Decal
127 6829	1	Transformer 460/575V to 115V (750VA)
125 6993	1	4 Amp (2) Pole Circuit Breaker for 460V Transformer

See pages 44 & 45 for Motor, Fault, Protector, and Contactor part numbers.

BURNER & MOTOR CONTROL CABINET CF730 SINGLE PHASE 230 VOLTS



BURNER & MOTOR CONTROL CABINET CF730 SINGLE PHASE 230 VOLTS

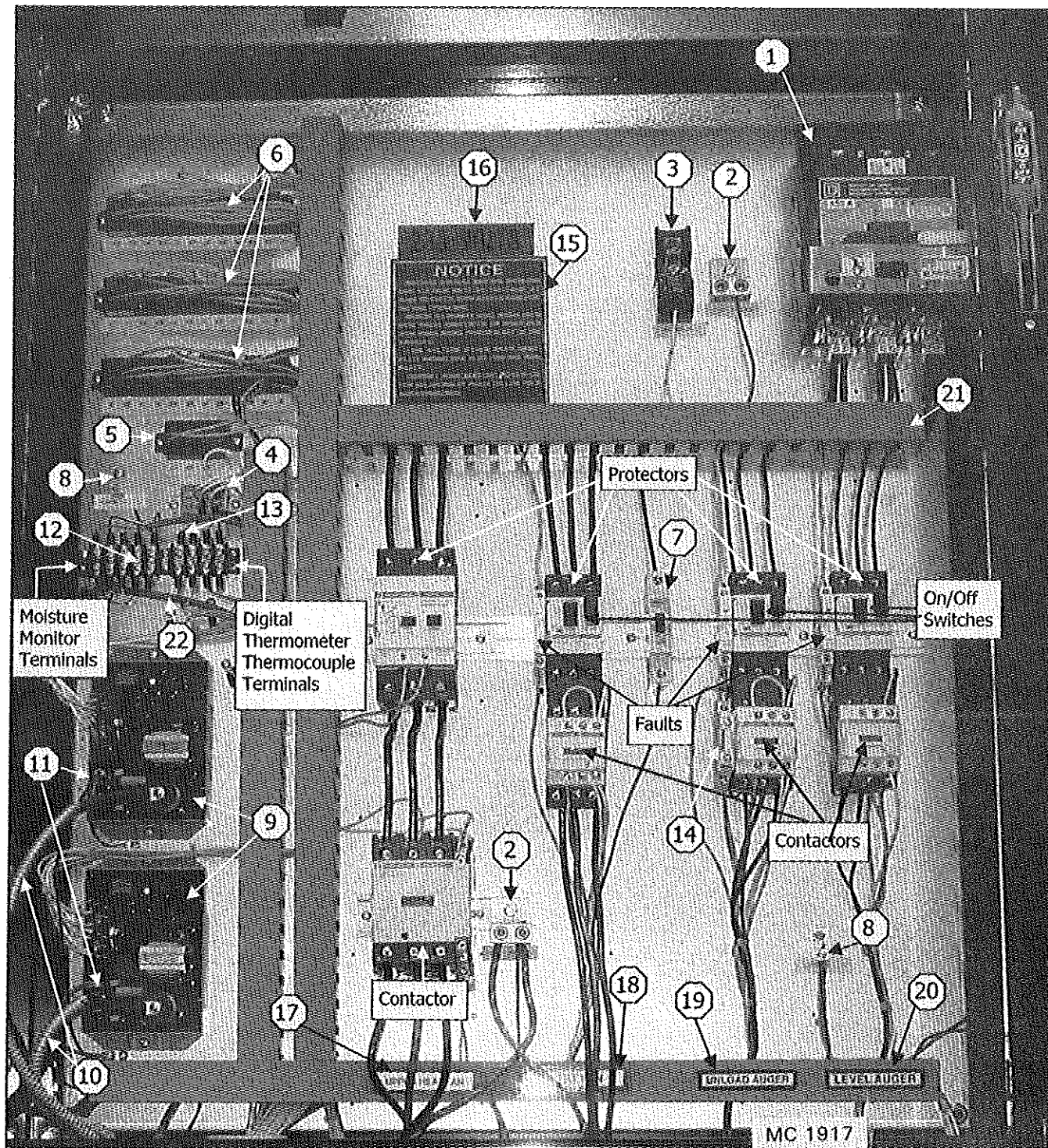
Ref.	Part No.	Qty.	Description
1	125 6917	1	Quick Disconnect Switch – 150 Amps - CF730 (1Ø/230V)
	125 6947	1	Mechanism
	125 6949	1	Lug Kit
2	125 6918	2	Ground Lug (2) Poles
3	127 6823	1	Neutral Lug - 230V Only
4	124 6929	1	Terminal Block 3-Position (White)
5	125 6805	1	Terminal Block 4-Position (Black)
6	124 6928	3	Terminal Block 12-Position (Black)
7	125 6988	1	8 Amp Circuit Breaker - 115V Control Power
8	125 6975	2	Ground Lug (1) Pole
9	125 6965	2	115V Ignition Board
10	122 9003	2	Ignition Wire – 84" (213cm) w/90° Boot
11	124 1079	2	Low Voltage Black Wire Assembly (Sense Probe) 18 ga. 84" (213cm)
12	125 6842	1	Terminal Block-Screw Type 10-Position (Black) Moisture Sensor & Remote Thermometer Thermocouples
13	124 6933	1	Interlock (Auxiliary) Contactor (normally open)
14	124 6947	1	Motor Saver (15 & 20HP Motors Only)
15	124 6961	2	Digital Thermometer Thermocouple 180" (4.6m)
16	125 6869	1	IEC Interlock Contactor (2 normally open)
17	128 7016	1	Sensor w/40 ft. (12.2m) Cable - Moisture Monitor
18	121 8315	1	Notice Warranty Decal
19	123 8336	1	230 Volts Decal
20	121 8325	1	Upper Heat Fan #2 Decal
21	121 8313	1	Heat/Cool Fan #1 Decal
22	128 8335	1	Unload Auger Decal
23	121 8351	1	Level Auger Decal
24	128 8705	AR	Wire Raceway Track

Not Shown:

124 6980	1	Grounding Rod – 9/16" x 8 ft. (14.2mm x 2.44m)
124 6979	1	Grounding Rod Clamp

See pages 44 & 45 for Motor, Fault, Protector and Contactor part numbers.

BURNER & MOTOR CONTROL CABINET CF730 THREE PHASE 230 VOLTS



BURNER & MOTOR CONTROL CABINET CF730 THREE PHASE 230 VOLTS

Ref.	Part No.	Qty.	Description
1.	125 6925	1	Quick Disconnect Switch – 100 Amps – CF730 (3Ø/230V/460V/575V)
	125 6945	1	Mechanism
	125 6946	1	Lug Kit
2	125 6918	2	Grounding Lug (2) Pole
3	127 6823	1	Neutral Lug – 230V Only
4	124 6929	1	Terminal Block 3-Position (White)
5	125 6805	1	Terminal Block 4-Position (Black)
6	124 6928	3	Terminal Block 12-Position (Black)
7	125 6988	1	8 Amp Circuit Breaker 115V Power
8	125 6975	2	Grounding Lug (1) Pole
9	125 6965	1	115V Ignition Board
10	122 9003	1	Ignition Wire – 84" (213cm) w/90° Boot
11	124 1079	1	Low Voltage Black Wire Assembly (Sense Probe) 18 ga. 84" (213cm)
12	125 6842	1	Terminal Block-Screw Type 10-Position (Black) Moisture Sensor & Remote Thermometer Thermocouples
13	124 6961	2	Digital Thermometer Thermocouple 180" (4.6m)
14	125 6809	1	IEC Interlock (Auxiliary) Contactor (normally open)
15	121 8315	1	Notice Warranty Decal
16	123 8336	1	230 Volts Decal
	123 8335	1	460 Volts Decal
	123 8338	1	575 Volts Decal
	123 8339	1	208 Volts Decal
17	121 8325	1	Upper Heat Fan #2 Decal
18	121 8313	1	Heat/Cool Fan #1 Decal
19	128 8335	1	Unload Auger Decal
20	121 8351	1	Level Auger Decal
21	128 8705 AR		Wiring Raceway Track
22	128 7016	1	Sensor w/40 ft. (12.2m) Cable - Moisture Monitor

Not Shown:

124 6980	1	Grounding Rod – 9/16" x 8 ft.
124 6979	1	Grounding Rod Clamp
127 6829	1	Transformer 460/575V to 115V (750VA)
125 6993	1	4 Amp (2) Pole Circuit Breaker for 460V Transformer

See pages 44 & 45 for Motor, Fault, Protector, and Contactor part numbers.

DRYER MOTORS, IEC PROTECTORS, FAULTS, AND CONTACTORS

MOTOR			PROTECTOR			FAULT		CONTACTOR	
HP	*FLA	M-C Part No.	M-C Part No.	Amps	Telemecanique Square D No.	M-C Part No.	Telemecanique Square D No.	M-C Part No.	Telemecanique Square D No.

230V - 1 PHASE - 60 HZ

#†1.5	9.0	124 6627	123 6958	9-14	GV2ME16	125 6865	GV2AD-0101	123 6929	LC1D18F7
2	12.3	121 6862	123 6958	9-14	GV2ME16	125 6865	GV2AD-0101	123 6929	LC1D18F7
3	17.0	128 6829	123 6960	17-23	GV2ME21	125 6865	GV2AD-0101	123 6951	LC1D25F7
5	28.0	201 6815	123 6962	24-32	GV2ME32	125 6865	GV2AD-0101	123 6930	LC1D32F7
17.5	38.5	124 6816	123 6963	25-40	GV2ME40	125 6866	GV3A08	123 6932	LC1D50F7
17.5	38.5	124 6888	123 6963	25-40	GV2ME40	125 6866	GV3A08	123 6932	LC1D50F7
10	43.0	124 6818	123 6964	40-63	GV2ME63	125 6866	GV3A08	123 6970	LC1D65F7
THERMAL BREAKER									
			M-C & Telemecanique #	Amps	M-C & Telemecanique #				
15	65.0	124 6877	123 6947		123 6971	125 6871	29450	123 6970	LC1D115F7
			LR3D3363	63-80	NFNL36125				
20	75.0	124 6879	123 6947		123 6971	125 6871	29450	123 6970	LC1D115F7
			LR3D3363	63-80	NFNL36125				

200/208V - 3 PHASE - 60 HZ

#†1.5	4.5	124 6626	123 6956	4-6.3	GV2ME10	125 6865	GV2AD-0101	123 6950	LC1D09F7
2	5.9	121 6861	123 6957	6-10	GV2ME14	125 6865	GV2AD-0101	123 6950	LC1D09F7
3	8.6	128 6818	123 6958	9-14	GV2ME16	125 6865	GV2AD-0101	123 6928	LC1D12F7
5	14.1	128 6815	123 6959	13-18	GV2ME20	125 6865	GV2AD-0101	123 6929	LC1D18F7
7.5	20.6	121 6948	123 6960	17-23	GV2ME21	125 6865	GV2AD-0101	123 6951	LC1D25F7
10	27.5	201 6818	123 6962	24-32	GV2ME32	125 6865	GV2AD-0101	123 6930	LC1D32F7
15	46.0	201 6819	123 6964	40-63	GV2ME63	125 6866	GV3A08	123 6932	LC1D50F7
20	54.0	125 6934	123 6964	40-63	GV2ME63	125 6866	GV3A08	123 6952	LC1D65F7
25	67.0	201 6842							
30	80.0	128 6986	123 6966	60-100	GV7RE100	125 6870	GV7AE11	123 6970	LC1D11F7

230V - 3 PHASE - 60 HZ

#†1.5	4.2	124 6626	123 6956	4-6.3	GV2ME10	125 6865	GV2AD-0101	123 6950	LC1D09F7
2	6.0	121 6861	123 6957	6-10	GV2ME14	125 6865	GV2AD-0101	123 6950	LC1D09F7
3	8.1	128 6818	123 6958	9-14	GV2ME16	125 6865	GV2AD-0101	123 6928	LC1D12F7
5	13.0	128 6815	123 6959	13-18	GV2ME20	125 6865	GV2AD-0101	123 6929	LC1D18F7
7.5	19.2	121 6948	123 6960	17-23	GV2ME21	125 6865	GV2AD-0101	123 6951	LC1D25F7
10	24.8	201 6818	123 6962	24-32	GV2ME32	125 6865	GV2AD-0101	123 6930	LC1D32F7
15	37.8	201 6819	123 6964	40-63	GV2ME63	125 6866	GV3A08	123 6932	LC1D50F7
20	50.0	125 6934	123 6964	40-63	GV2ME63	125 6866	GV3A08	123 6952	LC1D65F7
25	61.0	201 6842							
30	72.0	128 6986	123 6966	60-100	GV7RE100	125 6870	GV7AE11	123 6970	LC1D11F7

- C-Frame Unload Auger

† - 7/8" shaft

‡ - 124 6816 has 1-3/8" shaft. 124 6888 has a 1-1/8" shaft.

DRYER MOTORS, IEC PROTECTORS, FAULTS, AND CONTACTORS

MOTOR			PROTECTOR			FAULT		CONTACTOR	
HP	*FLA	M-C Part No.	M-C Part No.	Amps	Telemecanique Square D No.	M-C Part No.	Telemecanique Square D No.	M-C Part No.	Telemecanique Square D No.

380V – 3 PHASE – 50 HZ

‡1.5	2.9	127 6860	123 6955	2.5-4	GV2ME08	125 6865	GV2AD-0101	123 6950	LC1D09F7
**1.5	2.9	123 6876	123 6955	2.5-4	GV2ME08	125 6865	GV2AD-0101	123 6950	LC1D09F7
2	3.4	121 6861	123 6956	4-6.3	GV2ME10	125 6865	GV2AD-0101	123 6950	LC1D09F7
**2	3.7	124 6867	123 6956	4-6.3	GV2ME10	125 6865	GV2AD-0101	123 6950	LC1D09F7
3	4.8	128 6818	123 6956	4-6.3	GV2ME10	125 6865	GV2AD-0101	123 6950	LC1D09F7
5	8.0	128 6815	123 6957	6-10	GV2ME14	125 6865	GV2AD-0101	123 6928	LC1D12F7
10	15.2	210 6818	123 6959	13-18	GV2ME20	125 6865	GV2AD-0101	123 6929	LC1D18F7
15	23.0	201 6819	123 6961	20-25	GV2ME22	125 6865	GV2AD-0101	123 6930	LC1D32F7
20	31.0	125 6934	123 6963	25-40	GV3ME40	125 6866	GV3A08	123 6931	LC1D40F7
30	46.0	128 6986	123 6964	40-63	GV3ME63	125 6866	GV3A08	123 6932	LC1D50F7

460V – 3 PHASE – 60 HZ

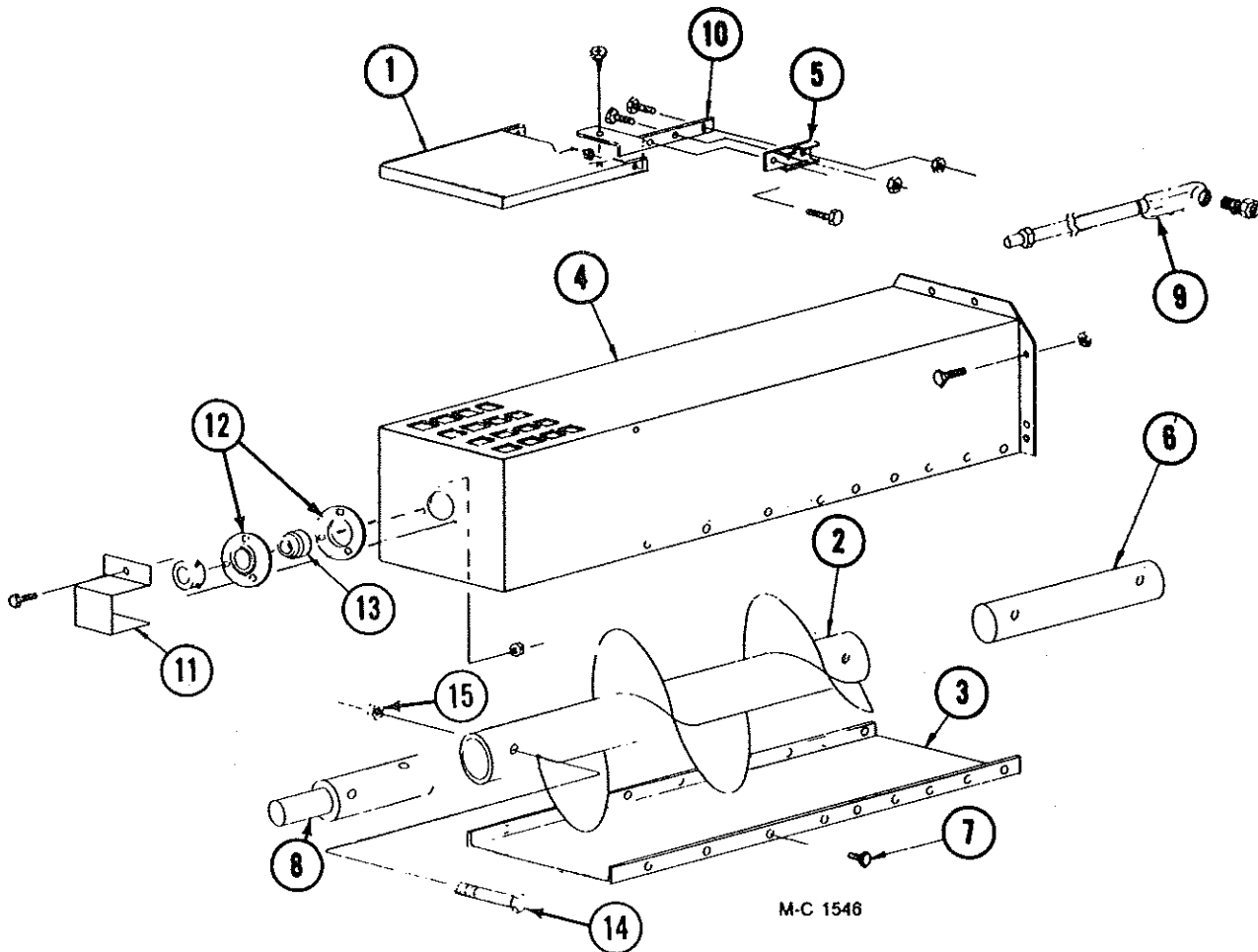
#‡1.5	2.1	124 6626	123 6955	2.5-4	GV2ME08	125 6865	GV2AD-0101	123 6950	LC1D09F7
‡1.5	2.5	127 6860	123 6955	2.5-4	GV2ME08	125 6865	GV2AD-0101	123 6950	LC1D09F7
2	3.0	121 6861	123 6955	2.5-4	GV2ME08	125 6865	GV2AD-0101	123 6950	LC1D09F7
3	4.5	128 6818	123 6956	4-6.3	GV2ME10	125 6865	GV2AD-0101	123 6950	LC1D09F7
5	6.9	128 6815	123 6957	6-10	GV2ME14	125 6865	GV2AD-0101	123 6950	LC1D09F7
7.5	10.3	121 6948	123 6958	9-14	GV2ME16	125 6865	GV2AD-0101	123 6928	LC1D12F7
10	13.6	201 6818	123 6958	9-14	GV2ME16	125 6865	GV2AD-0101	123 6929	LC1D18F7
15	19.6	210 6819	123 6960	17-23	GV2ME21	125 6865	GV2AD-0101	123 6951	LC1D25F7
20	24.8	125 6934	123 6962	24-32	GV2ME32	125 6865	GV2AD-0101	123 6930	LC1D32F7
25	31	201 6842							
30	37	128 6986	123 6963	25-40	GV2ME40	125 6866	GV3A08	123 6932	LC1D50F7

575V – 3 PHASE – 60 HZ

#‡1.5	1.7	124 6626	123 6955	2.5-4	GV2ME08	125 6865	GV2AD-0101	123 6950	LC1D09F7
‡1.5	2	127 6862	123 6955	2.5-4	GV2ME08	125 6865	GV2AD-0101	123 6950	LC1D09F7
2	2.4	127 6816	123 6955	2.5-4	GV2ME08	125 6865	GV2AD-0101	123 6950	LC1D09F7
3	3.6	127 6814	123 6955	2.5-4	GV2ME08	125 6865	GV2AD-0101	123 6950	LC1D09F7
5	5.5	127 6847	123 6956	4-6.3	GV2ME10	125 6865	GV2AD-0101	123 6928	LC1D12F7
7.5	8.2	127 6828	123 6957	6-10	GV2ME14	125 6865	GV2AD-0101	123 6929	LC1D18F7
10	10.8	127 6857	123 6958	9-14	GV2ME16	125 6865	GV2AD-0101	123 6929	LC1D18F7
15	15.6	127 6845	123 6959	13-18	GV2ME20	125 6865	GV2AD-0101	123 6930	LC1D32F7
20	19.8	127 6844	123 6960	17-23	GV2ME21	125 6865	GV2AD-0101	123 6931	LC1D40F7
25	25	127 6846							
30	30	124 6902	123 6963	25-40	GV2ME40	125 6865	GV2AD-0101	123 6932	LC1D50F7

- # - "C" Unload Auger
- ** - "C" Face Oil Fired Burner
- ‡ - 7/8" shaft

Optional - 10" (25.4cm) Unloading Auger Extension Kit,
 2 ft. (.61m) - 127 1229,
 4 ft. (1.22m) - 127 1230, and
 6 ft. (1.83m) - 127 1233

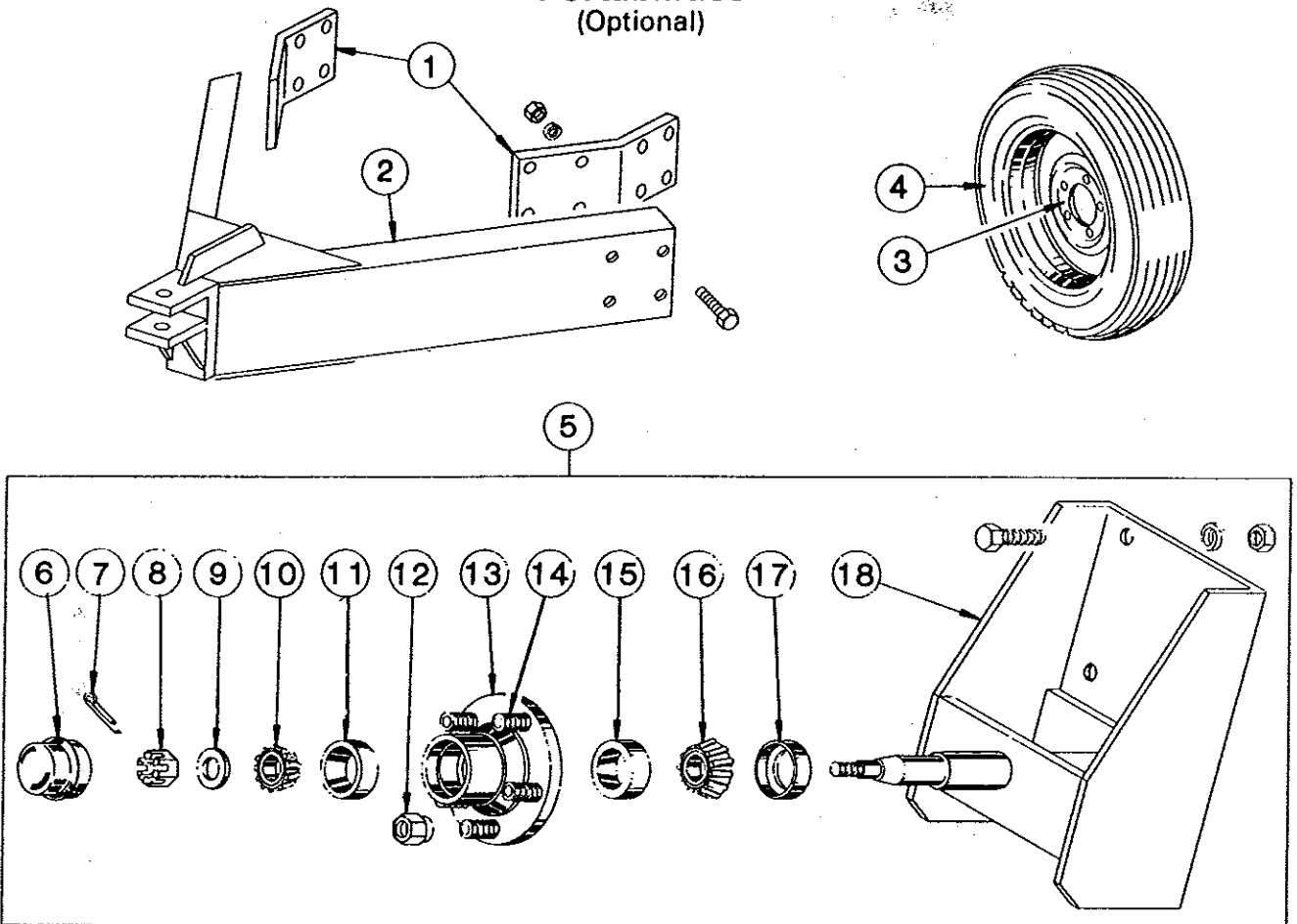


Ref.	Part No.	Qty.	Description
1	128 4712	1*	Over Load Door
2	128 0310	1	2 ft. (.61m) Extension Auger
	128 0312	1	4 ft. (1.22m) Extension Auger
	128 0315	1	6 ft. (1.83m) Extension Auger
3	124 4474	1	2 ft. (.61m) Bottom Cover
	124 4475	1	4 ft. (1.22m) Bottom Cover
	124 4476	1	6 ft. (1.83m) Bottom Cover
4	128 0311	1	2 ft. (.61m) Discharge Housing
	128 0313	1	4 ft. (1.22m) Discharge Housing
	128 0314	1	6 ft. (1.83m) Discharge Housing
5	120 6801	1*	Switch Mount Clip
6	128 5618	1*	Unload Auger Link
7	001 8202	-	5/16-18 x 3/4" (7.9 x 19mm) HWH Gr.5 Tapping Bolt (Qty. - 8, 16 or 24)

Ref.	Part No.	Qty.	Description
8	124 5611	1*	U.A. Output Shaft
9	127 1231	1	2 ft. (.61m) Extension Liquatite Assembly
	127 1232	1	4 ft. (1.22m) Extension Liquatite Assembly
	127 1234	1	6 ft. (1.83m) Extension Liquatite Assembly
10	128 2937	1*	Bulb Mount
11	128 3011	1*	Stub Shaft Guard
12	001 6004	2*	1 1/4" (31.8mm) Bearing Flangettes
13	001 6003	1*	1 1/4" (31.8mm) Bearing w/Collar
14	000 8229	4	3/8-16 x 2 3/4" (9.5 x 69.9mm) HHCS Grade 5 ZP
15	000 8205	4	3/8-16 (9.5mm) Flanged Locknut
16	120 6800	1*	Unload Switch

*Not included in kit when field installed.

Portabilities (Optional)



M-C 980

120 1030 - 4 Wheel Portabilities (Incl. ref. 1 & 2 and four of ref. 3 & 5 - less tires)

120 1031 - 6 Wheel Portabilities (Incl. ref. 1 & 2 and six of ref. 3 & 5 - less tires)

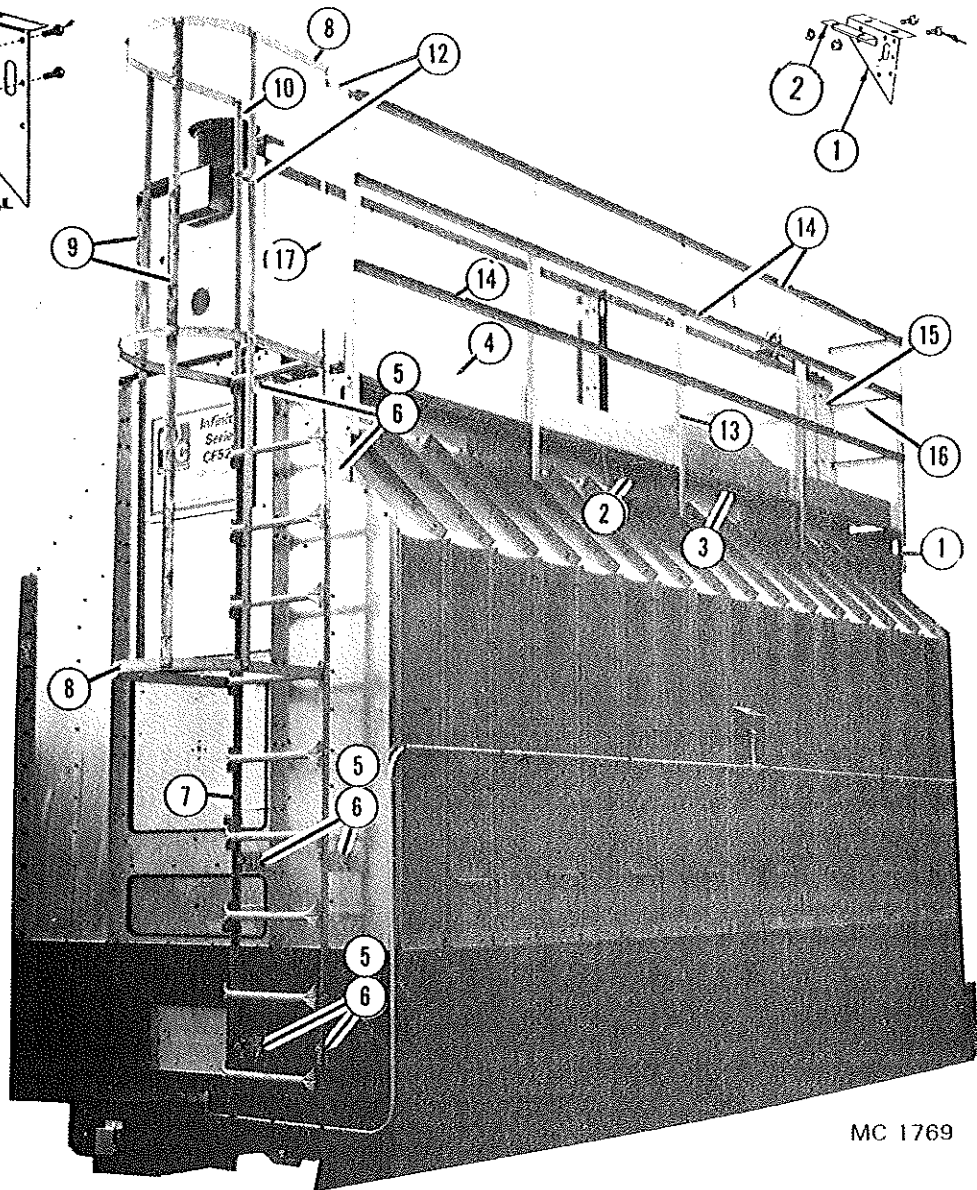
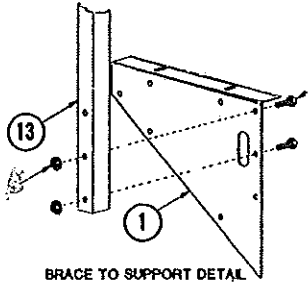
120 1043 - 8 Wheel Portabilities (Incl. ref. 1 & 2 and eight of ref. 3 & 5 - less tires)

120 1040 - Additional Portabilities (Incl. two of ref. 3 & 5 - less tires)

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	128 3671	2	Pole Mount Brkt.	6	001 8996	1	Hub Cap
	128 8196	8	$\frac{3}{4}$ - 10 x 2 $\frac{1}{2}$ " Capscrew - Grd. 5	7	001 8252	1	Cotter Pin - $\frac{1}{8}$ " x 1"
	000 8182	8	$\frac{3}{4}$ " Lockwasher	8	001 8253	1	Spindle Nut
	000 8165	8	$\frac{3}{4}$ - 10 Hex Nut	9	001 8254	1	Spindle Washer
2	120 0047	1	Dryer Pole	10	001 6000	1	Bearing Cone - Outer
	128 8195	8	$\frac{3}{4}$ - 10 x 2" Capscrew - Grd. 5	11	002 6000	1	Bearing Cup - Outer
	000 8182	8	$\frac{3}{4}$ " Lockwasher	12	001 8989	5	$\frac{1}{2}$ - 20 Lug Nut - 45°
	000 8165	8	$\frac{3}{4}$ - 10 Hex Nut	13	001 8992	1	Wheel Hub Ass'y. - 5 Bolt (Incl. ref. 11, 14 & 15)
3	001 8993	1	5 Bolt Wheel - 15"	14	002 8152	5	$\frac{1}{2}$ - 20 x 1 $\frac{1}{2}$ " Stud
4	127 8990	1	7.60 x 15 - 6 Ply Tubeless Tire	15	002 6001	1	Bearing Cup - Inner
5	120 1028	1	Wheel Spindle & Hub Ass'y. (Inc ref. 6 thru 18)	16	001 6001	1	Bearing Cone - Inner
	000 8146	6	$\frac{5}{8}$ - 11 x 1 $\frac{1}{2}$ " Capscrew - Grd. 5	17	001 8991	1	Seal
	000 8181	6	$\frac{5}{8}$ " Lockwasher	18	120 0031	1	Wheel Mount
	000 8164	6	$\frac{5}{8}$ - 11 Hex Nut				

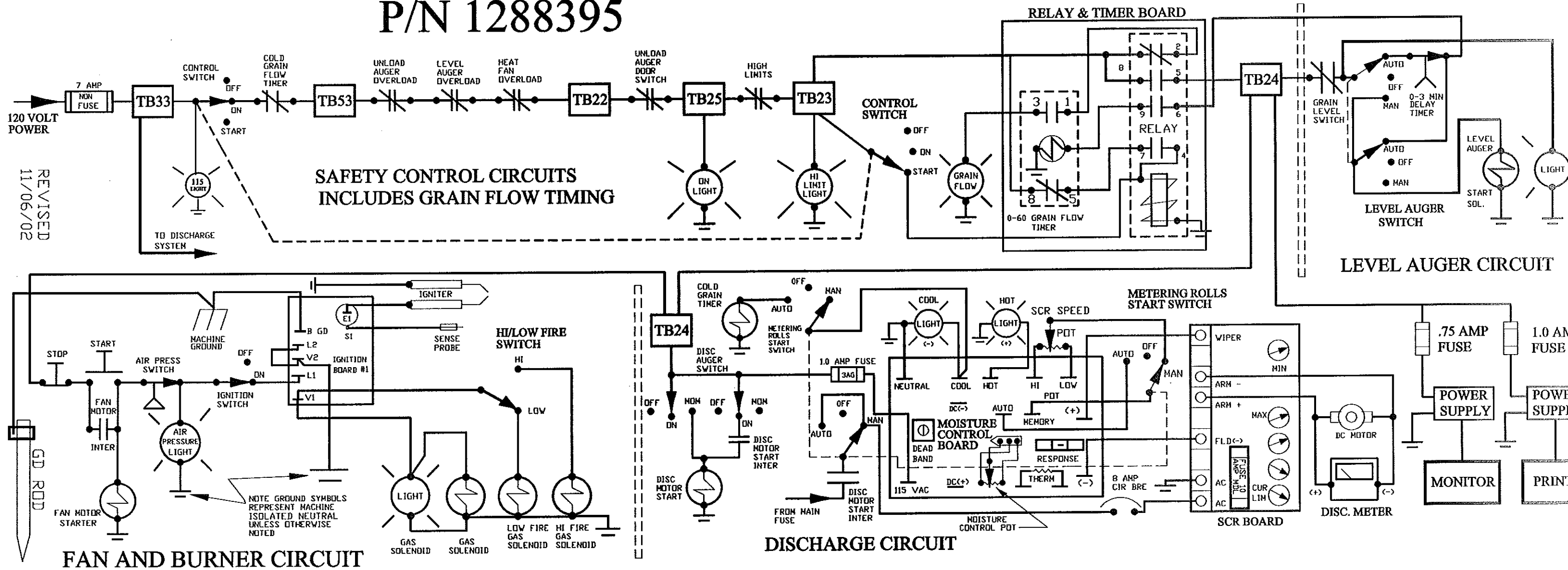
CF410, 420 & 730 Wet Hopper Walkway (Optional)

Ref.	Part No.	12 ft. (3.65m)		20 ft. (6.1m)		Description	Ref.	Part No.	12 ft. (3.65m)		20 ft. (6.1m)		Description
		Qty.	Qty.	Qty.	Qty.				Qty.	Qty.			
1	129 2600	3	6			Bridge Support	7	490 8703	1	1			Ladder 10 ft. (3m)
2	129 2602	2	3			Grating Support	8	128 2015	3	3			Ladder Cage Hoop
3	129 8700	1	2			Walkway Grating 8 ft. (2.4m)		001 8202	130	130			5/16-18x $\frac{3}{4}$ " (7.9x19mm) Hex Bolt
	124 5711	1	1			Walkway Grating 4 ft. (1.22m)							5/16"(7.9mm) Flanged Locknut
	120 8994	10	16			Grating Anchor Clip		000 8169	170	170			Ladder Cage Strap 8 ft. (2.4m)
	001 8276	10	16			5/16-18x3" (7.9x76mm) Carriage Bolt	9	129 2033	4	4			Ladder Extension Left 61" (155cm)
	000 8304	10	16			5/16"(7.9mm) Flanged Locknut	10	129 2031	1	1			Ladder Extension Right 61" (155cm)
4	128 2683	1	2			Walkway Toe Kick 96" (244cm)	11	129 2030	1	1			Top Cage Mount Bracket
	128 2689	1	1			Walkway Toe Kick 48" (122cm)	12	129 2624	2	2			Guard Rail Brace 55 $\frac{1}{2}$ " (141cm)
5	128 2685	6	6			Ladder Mounting Bracket	13	129 2021	4	6			Guard Rail 98" (249cm)
	001 8209	24	24			$\frac{3}{8}$ -16x1" (9.5x25.4mm) Hex Washer Head Bolt	14	129 2004	3	6			Guard Rail 48" (122cm)
	000 8168	24	24			$\frac{3}{8}$ -16 (9.5mm) Flanged Locknut	15	129 2623	1	1			Short Rail Support Bracket
6	490 8704	6	6			Ladder Bracket Clip	16	129 2032	3	3			Short Guard Rail 18 $\frac{1}{2}$ " (46cm)



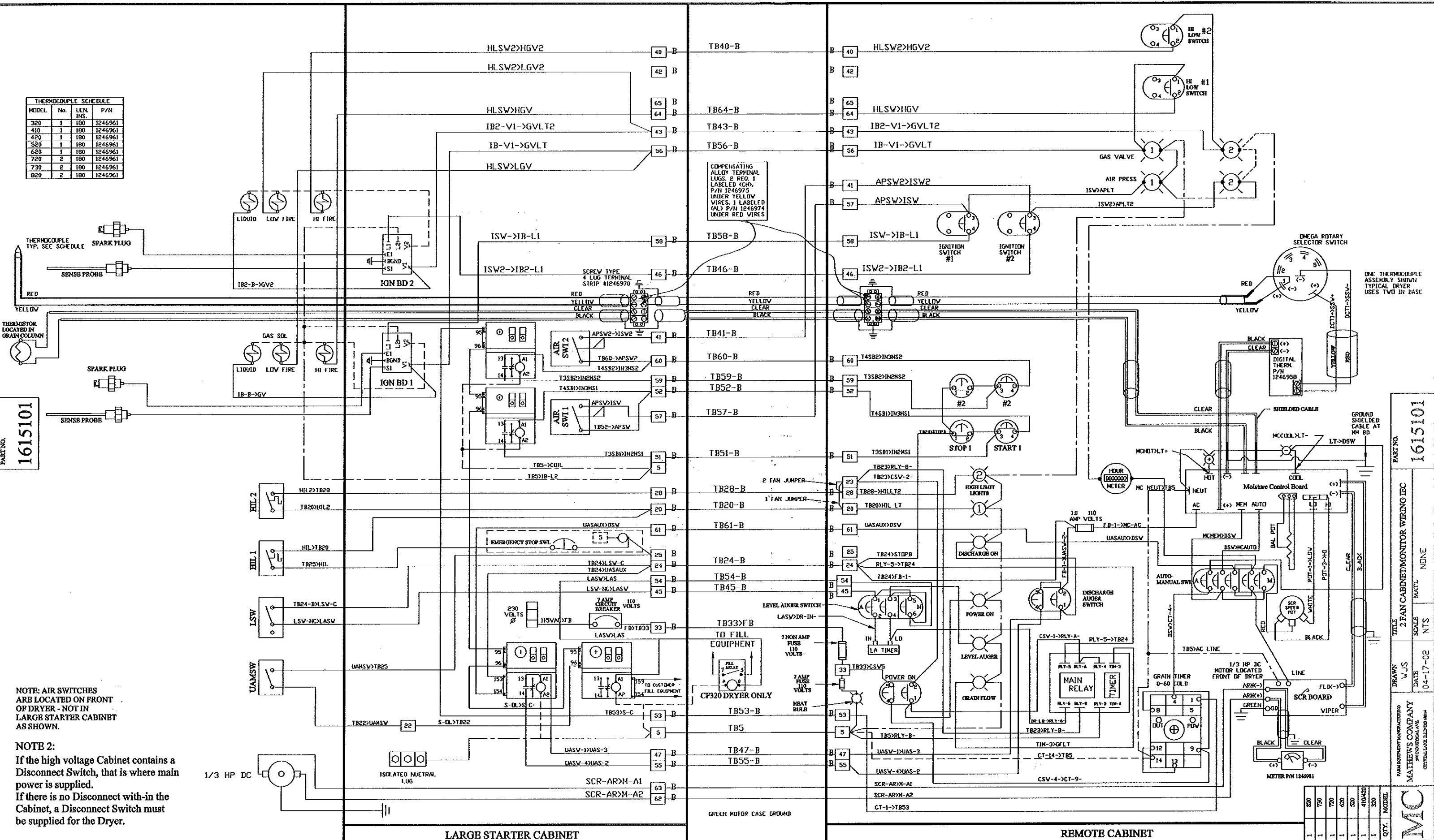
MC 1769

MC ELECTRICAL P/N 1288395



REVISED
11/06/02

MODEL	No.	LEN. INS.	P/N
320	1	180	1246961
410	1	180	1246961
420	1	180	1246961
520	1	180	1246961
620	1	180	1246961
720	2	180	1246961
730	2	180	1246961
820	2	180	1246961



PART NO. 1615101

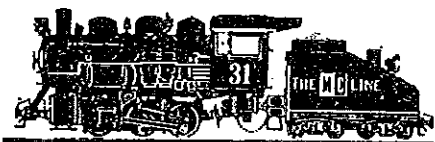
PART NO. 1615101

NOTE: AIR SWITCHES ARE LOCATED ON FRONT OF DRYER - NOT IN LARGE STARTER CABINET AS SHOWN.

NOTE 2:
If the high voltage Cabinet contains a Disconnect Switch, that is where main power is supplied.
If there is no Disconnect with-in the Cabinet, a Disconnect Switch must be supplied for the Dryer.

QTY.	MODEL	DATE	SCALE	TITLE	DRAWN	DATE	SCALE	TITLE
1	800			2 FAN CABINET/MONITOR WIRING EC	VJS	04-17-02		NONE
1	700							
1	600							
1	500							
1	410/420							
1	320							





Iron Horse Quality