

100 Series Parts Manual

Dryer Parts Manual PNEG-545



a division of
THE GSI GROUP



100 Series Parts Manual

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Introduction

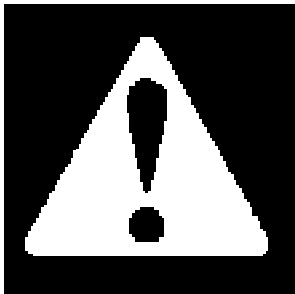
100 Series Parts Manual

Thank you for choosing a GSI portable dryer. It is designed to give excellent performance and service for many years.

This manual identifies all dryer basket components for the Competitor Series Dryers.

The principal concern of the GSI Group, Inc. ("GSI") is your safety and the safety of others associated with grain handling equipment. This manual is written to help you identify all non-electrical components for the Competitor series of GSI portable dryers.

As owner and/or operator, it is your responsibility to know what requirements, hazards, and precautions exist, and to inform all personnel associated with the equipment, or who are in the fan area. Avoid any alterations to the equipment. Such alterations may produce a very dangerous situation, where serious injury or death may occur.



WARNING! BE ALERT!

Personnel operating or working around electric fans should read this manual. This manual must be delivered with the equipment to its owner. Failure to read this manual and its safety instructions is a misuse of the equipment.

Safety Alert Symbol

The symbol shown is used to call your attention to instructions concerning your personal safety. Watch for this symbol; it points out important safety precautions. It means "ATTENTION", "WARNING", "CAUTION", and "DANGER". Read the message and be cautious to the possibility of personal injury or death.

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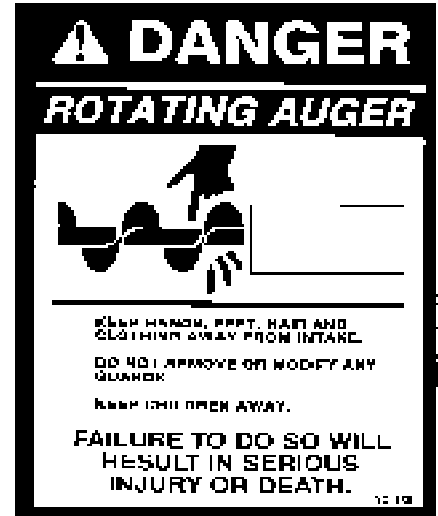
Safety First

Grain Systems, Inc. recommends you contact your local power company and have a representative survey your dryer installation, so your wiring will be compatible with their system and you will have adequate power supplied to your unit.



Safety decals should be read and understood by all people in and around the dryer area. If the following safety decals are not displayed on your dryer, or if they are damaged, contact Grain Systems, Inc. for replacement.

A CAREFUL OPERATOR
IS THE BEST INSURANCE
AGAINST AN ACCIDENT

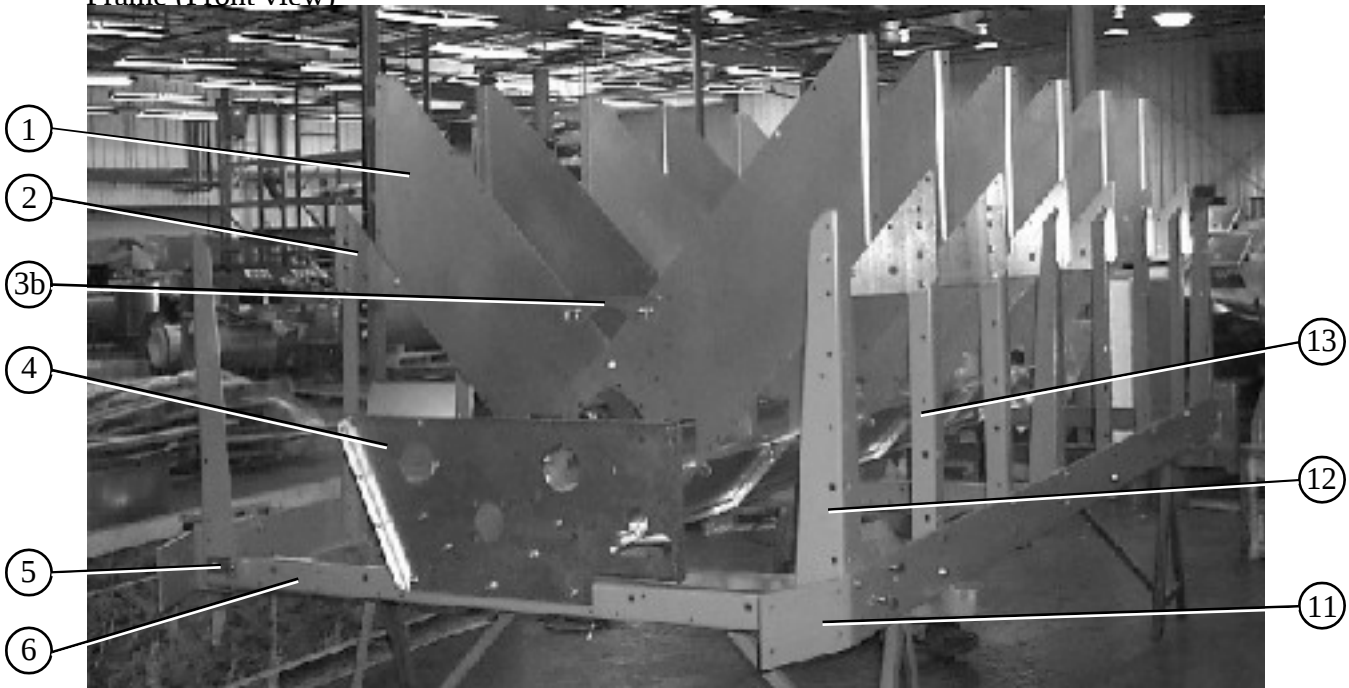


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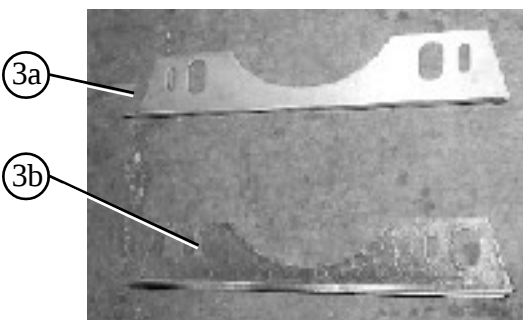
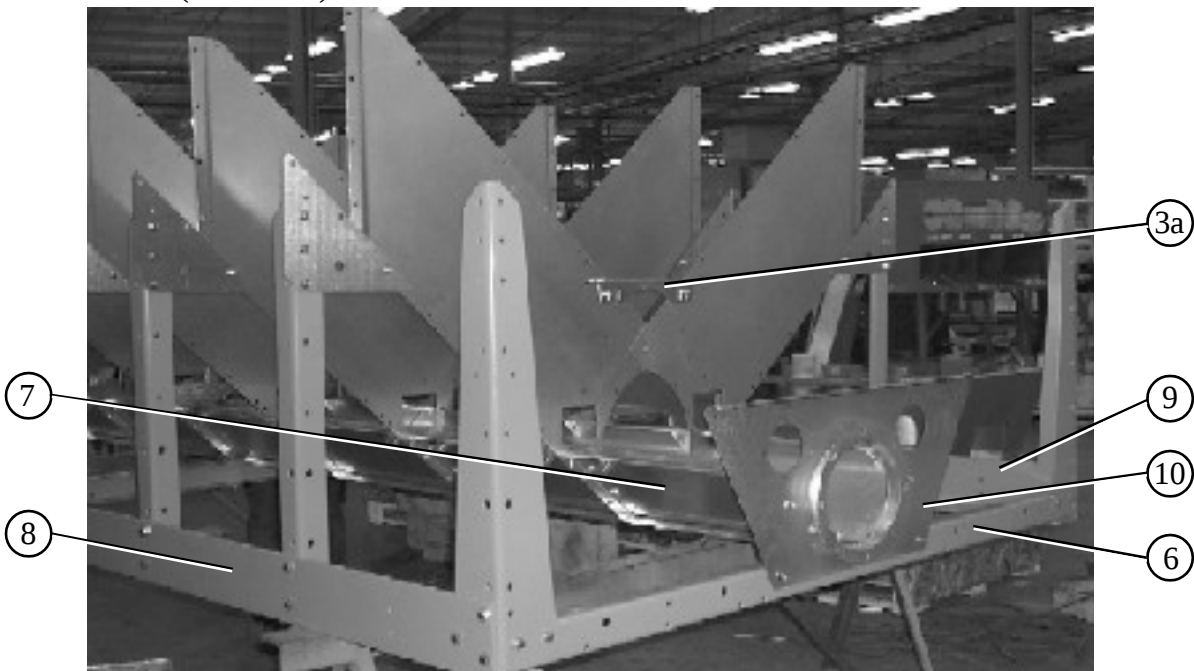
Main Assembly

Frame

Frame (Front view)



Frame (Rear view)



View of plenum closure door angles. Note the difference in the hole pattern that distinguishes from L.H. and R.H.

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Main Assembly

Frame

Cross channel plate



Center hanger bearing support



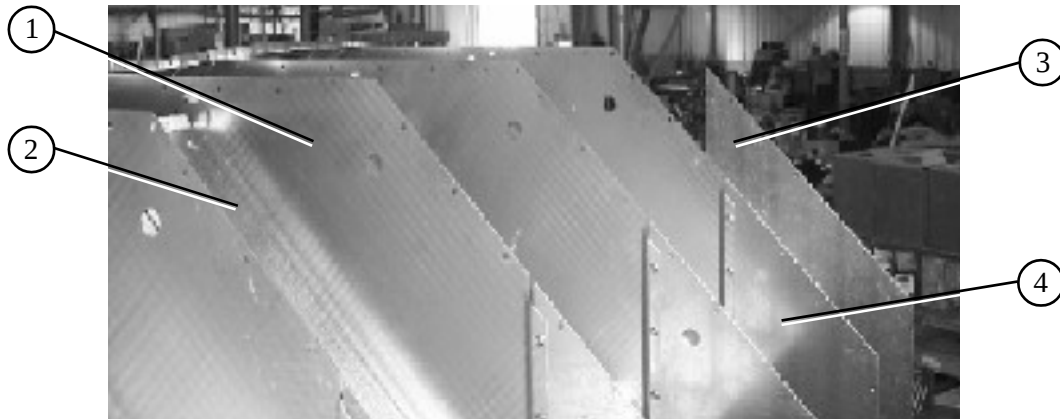
Reference Number	Part Number	Description	108	110	112	114	QTY 116	118	120	122	126
1	D01-0109	HOPPER BULKHEAD	6	8	10	12	14	16	18	20	24
2	D01-0004	GUSSET PLATE	10	12	14	16	18	20	22	24	28
3a	D01-1136X	PLENUM CLOSURE DOOR ANGLE, LH	4	5	6	7	8	9	10	11	13
3b	D01-1136Y	PLENUM CLOSURE DOOR ANGLE, RH	3	4	5	6	7	8	9	10	12
4	D01-1374	BOTTOM AUGER BEARING PLATE	1	1	1	1	1	1	1	1	1
5	D01-0017	MOTOR ADJUSTMENT BRACKET	2	2	2	2	2	2	2	2	2
6	D01-0008	FRONT & REAR FRAME TIE CHANNEL	2	2	4	4	4	4	4	6	6
7	D01-0048	TROUGH PANEL	8	10	12	14	16	18	20	22	26
8	D11-0004	FRAME RAIL, 08' L.H.	1								
8	D01-0009	FRAME RAIL, 10' L.H.		1							
8	D51-0001	FRAME RAIL, 12' L.H.			1						
8	D21-0010	FRAME RAIL, 14' L.H.				1					
8	D01-0537	FRAME RAIL, 16' L.H.					1				
8	D31-0043	FRAME RAIL, 18' L.H.						1			
8	D61-0001	FRAME RAIL, 20' L.H.							1		
8	D101-0001	FRAME RAIL, 22' L.H.								1	
8	D71-0001	FRAME RAIL, 26' L.H.									1
9	D11-0005	FRAME RAIL, 08' R.H.	1								
9	D01-0010	FRAME RAIL, 10' R.H.		1							
9	D51-0002	FRAME RAIL, 12' R.H.			1						
9	D21-0011	FRAME RAIL, 14' R.H.				1					
9	D01-0538	FRAME RAIL, 16' R.H.					1				
9	D31-0044	FRAME RAIL, 18' R.H.						1			
9	D61-0002	FRAME RAIL, 20' R.H.							1		
9	D101-0002	FRAME RAIL, 22' R.H.								1	
9	D71-0002	FRAME RAIL, 26' R.H.									1
10	D31-0120	DISCH. PLATE MOUNTING WELDMENT 10"	1	1	1	1	1	1	1	1	1
11	D01-0011	HITCH BRACKET, L.H.	1	1	1	1	1	1	1	1	1
11	D01-0012	HITCH BRACKET, R.H.	1	1	1	1	1	1	1	1	1
12	D01-0007	CORNER LEG	4	4	6	6	6	6	6	8	8
13	D01-0005	SIDE LEG	6	8	8	10	12	14	16	16	20
14	D01-1290	HANGER BEARING "J" PLATE			2	2	2	2	2	4	4
15	D01-1291	HANGER BEARING "C" CHANNEL			1	1	1	1	1	2	2
16	D01-1512	PLATE, CROSS CHANNEL SEAL W/TABS			1	1	1	1	1	2	2

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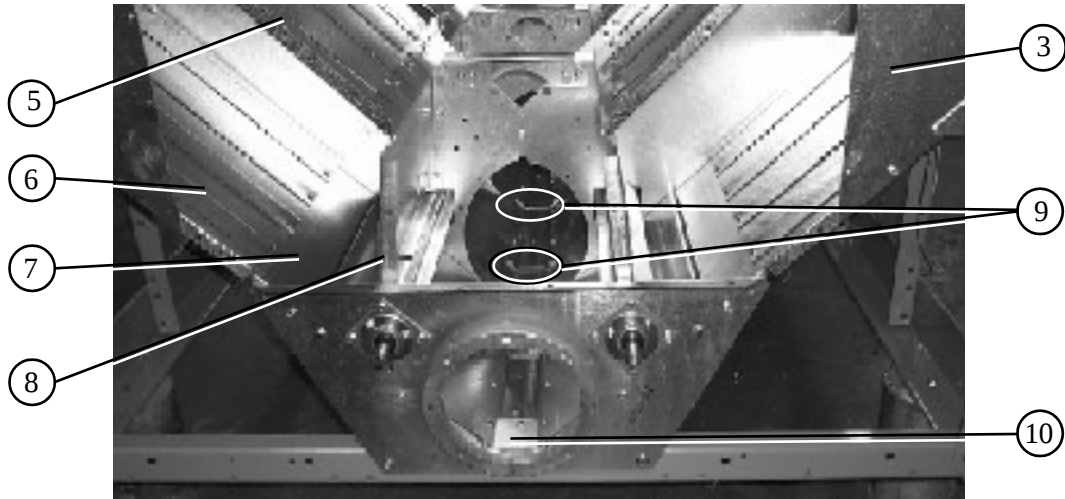
Main Assembly

Basket Assembly

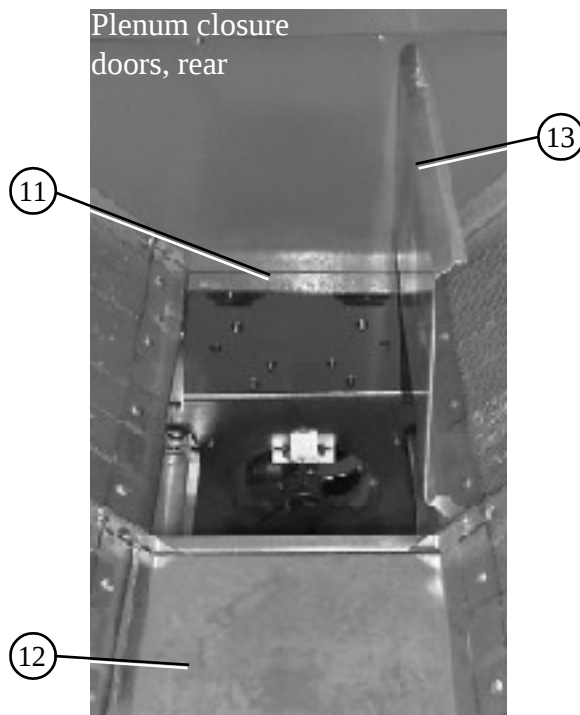
Basket assembly (top view)



Basket assembly (bottom view)



Plenum closure
doors, rear

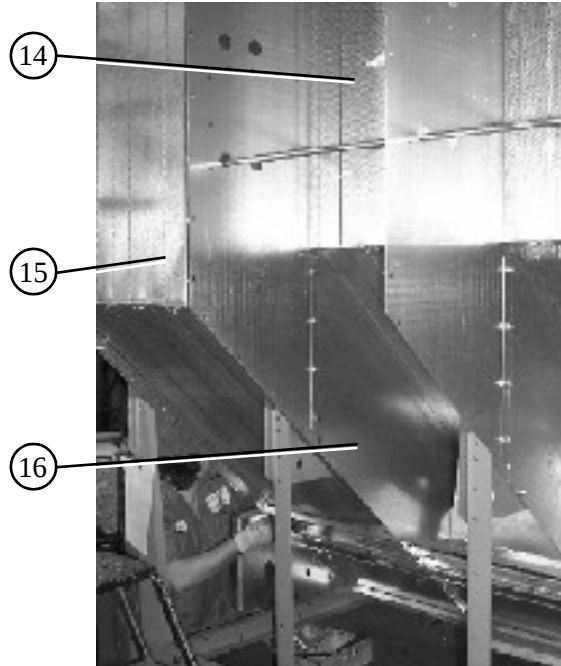


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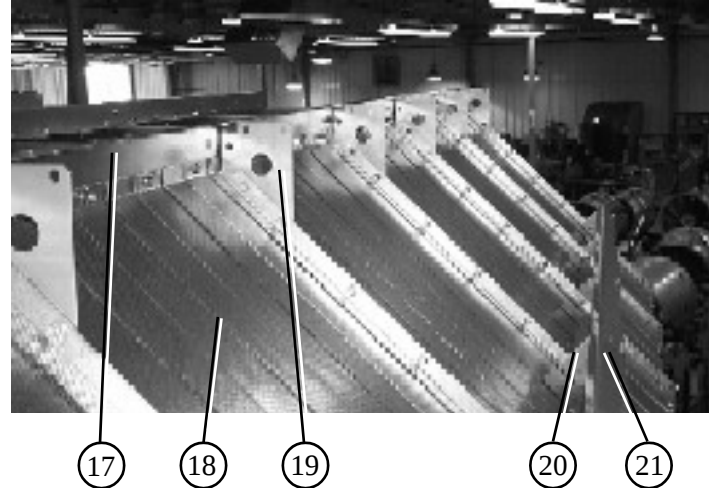
Main Assembly

Basket Assembly

Basket assembly



Basket assembly (top view)



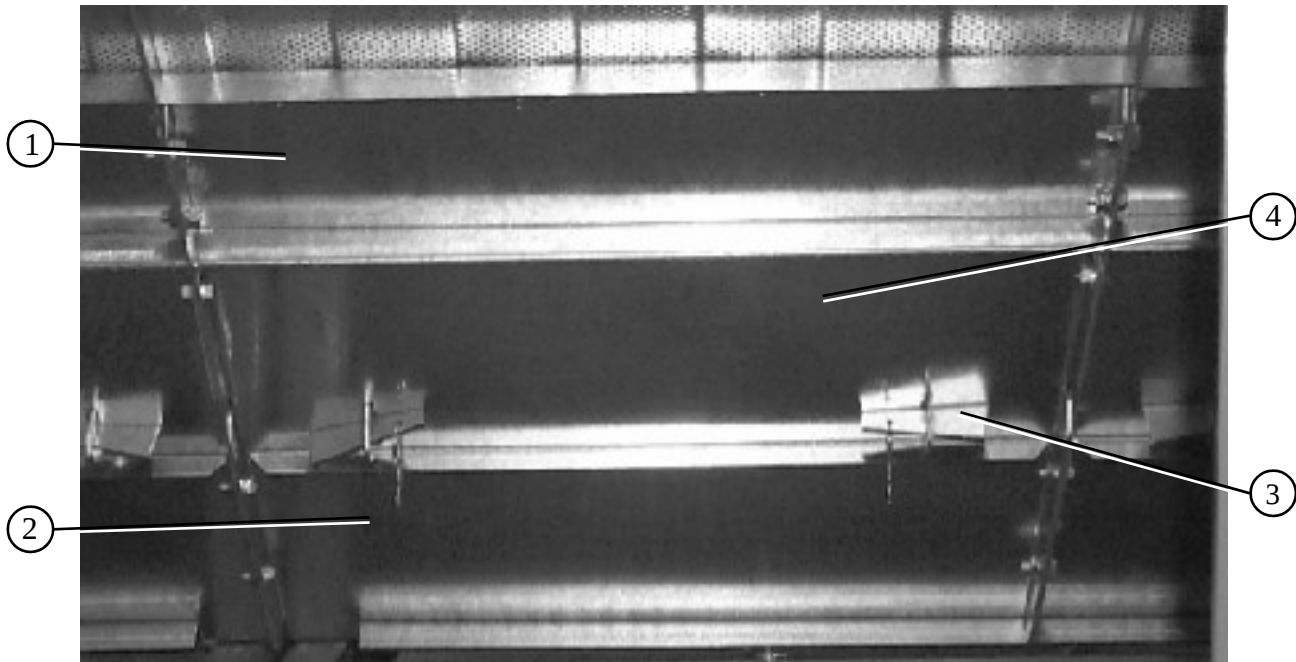
Reference Number	Part Number	Description	108	110	112	114	QTY				
			116	118	120	122	126				
1	D01-0101	GARNER BULKHEAD	6	8	10	12	14	16	18	20	24
2	D01-0126	SCREEN, PLENUM TOP SHEET	8	10	12	14	16	18	20	22	26
3	D01-0121	COLUMN END PANEL	4	4							
3	D31-0307	COLUMN END PANEL			4	4	4	4	4	4	4
4	D01-0110	COLUMN BULKHEAD	6	8							
4	D31-0055	COLUMN BULKHEAD			10	12	14	16	18	20	24
5	D01-1225	SCREEN, PLENUM BOTTOM SHEET	8	10	12	14	16	18	20	22	26
6	D01-0128	SCREEN, HOPPER SHEET	8	10	12	14	16	18	20	22	26
7	D01-0050	CONNECTOR SHEET	8	10	12	14	16	18	20	22	26
8	D01-1226	METER ROLL UPPER SHIELD 95 STYLE	8	10	12	14	16	18	20	22	26
8	D01-0431	METER ROLL STRIKEOFF PLATE	8	10	12	14	16	18	20	22	26
9	D01-0177	CLEAN-OUT SUPPORT STRAP	4	5	6	7	8	9	10	11	13
10	D01-1511	PLATE, END CHANNEL SEAL W/TAB	2	2	2	2	2	2	2	2	2
11	D01-1217	PLENUM CLOSURE DOOR, REAR FRAME ANGLE	1	1	1	1	1	1	1	1	1
12	D01-1134	PLENUM CLOSURE DOOR	3	4	5	6	7	8	9	10	12
13	D01-1214	PLENUM CLOSURE DOOR, REAR	1	1	1	1	1	1	1	1	1
14	D01-0125	PLENUM WALL	8	10							
14	D31-0012	PLENUM WALL			12	14	16	18	20	22	26
15	D01-0130	SCREEN, OUTSIDE WALL SHEET	8	10							
15	D31-0013	SCREEN, OUTSIDE WALL SHEET			12	14	16	18	20	22	26
16	D01-0109	HOPPER BULKHEAD	6	8	10	12	14	16	18	20	24
17	D01-0168	TOP EDGE ANGLE, 119.875"		2				2	4		2
17	D31-0004	TOP EDGE ANGLE, 95.875"	2			2	4	4		4	4
17	D21-0003	TOP EDGE ANGLE, 71.875"			4	2				2	
18	D01-0127	SCREEN, ROOF SHEET	8	10	12	14	16	18	20	22	26
19	D01-0152	TOP EDGE ANGLE GUSSET - LH	8	10	12	14	16	18	20	22	26
19	D01-0153	TOP EDGE ANGLE GUSSET - RH	2	2	2	2	2	2	2	2	2
20	D01-0113	WALK RAIL MOUNTING BRACKET	10	12	16	18	20	22	24	28	32
21	D01-0168B	ANGLE, WET BIN TIE DOWN, 119.875"		2				2	4		2
21	D31-0004B	ANGLE, WET BIN TIE DOWN, 95.875"	2			2	4	4		4	4
21	D21-0003B	ANGLE, WET BIN TIE DOWN, 71.875"			4	2				2	

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Main Assembly

Clean-Out Doors

View of meter roll access door area.



Bottom auger clean-out

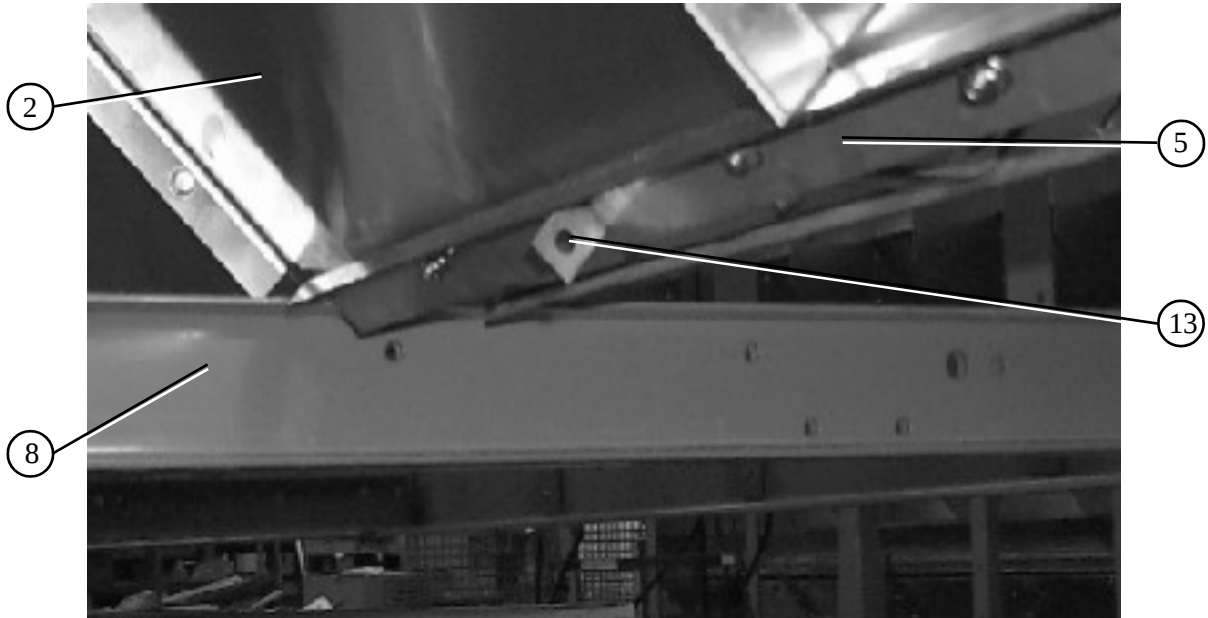


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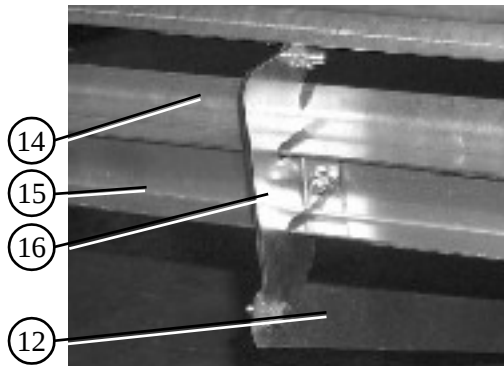
Main Assembly

Clean-Out Doors

View of clean-out door hinge area (clean- out door removed).



View of clean-out door and hinge assembled.



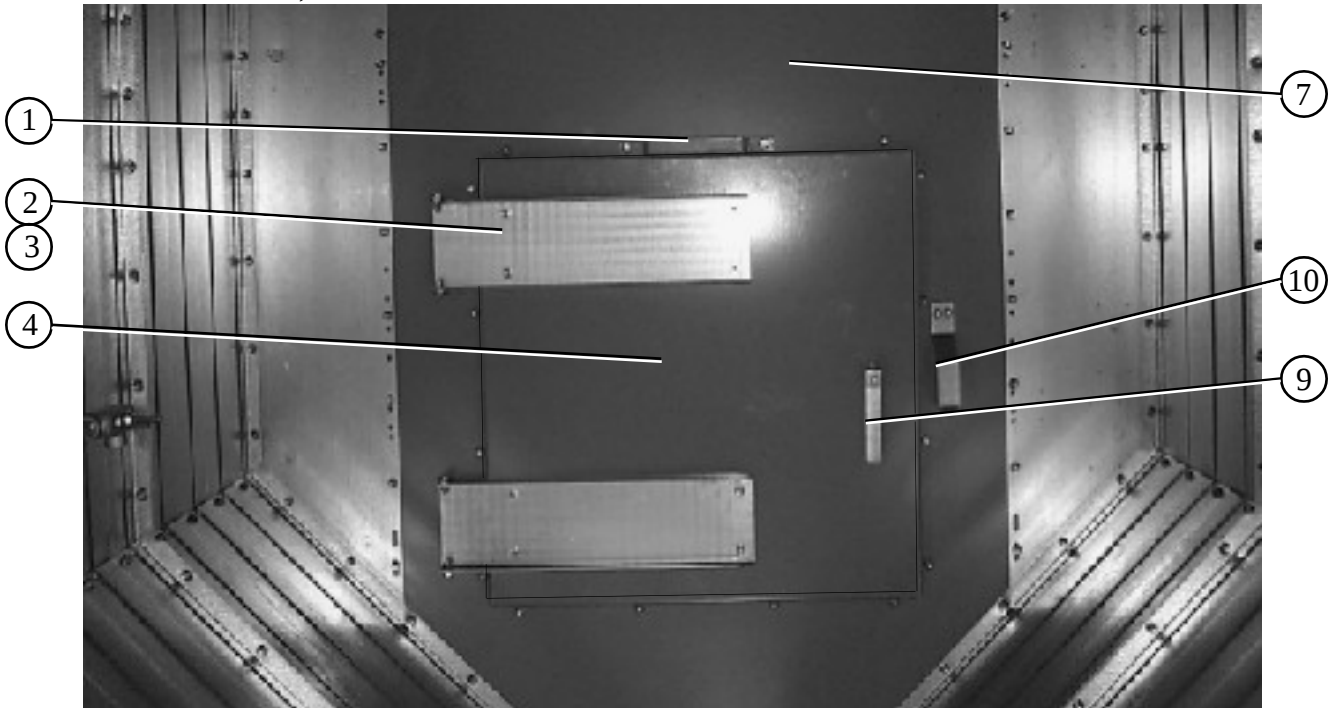
Reference Number	Part Number	Description	108	110	112	114	QTY 116	118	120	122	126
1	D01-0050	CONNECTOR SHEET	8	10	12	14	16	18	20	22	26
2	D01-0048	TROUGH PANEL	8	10	12	14	16	18	20	22	26
3	D01-0039	DOOR LATCH	16	20	24	28	32	36	40	44	52
3	S-6552	PIN, HAIR CLIP 3/32"	16	20	24	28	32	36	40	44	52
4	D01-0045	ACCESS DOOR	8	10	12	14	16	18	20	22	26
5	D01-0181	CLEAN OUT EXTENSION, 119.75"		2				2	4		2
5	D21-0006	CLEAN OUT EXTENSION, 66.75"			4	2				2	
5	D31-0023	CLEAN OUT EXTENSION, 90.75"	2			2	4	2		4	4
6	D01-0299	PIVOT ROD BRACKET			3	3	3	3	3	6	6
7	D01-0264	PIVOT ROD 25.188"	2	2	2	2	2	2	2	2	2
7	D31-0162	PIVOT ROD 49.625"			1	1	1	1	1	2	2
8	D01-0008	FRONT & REAR FRAME TIE CHANNEL	2	2	4	4	4	4	4	6	6
9	D01-0296	SHORT LINKAGE BAR WELDMENT	2	2	4	4	4	4	4	6	6
10	S-4378	PLASTIC GRIP	2	2	4	4	4	4	4	6	6
11	D01-0294	CLEAN-OUT DOOR HANDLE	2	2	4	4	4	4	4	6	6
12	D01-0261	LINKAGE BAR 37" LONG	2	2	2	2	2	2	2	2	2
12	D01-0293	LINKAGE BAR 30" LONG			2	2	2	2	2	4	4
13	D01-0175	HINGE BRACKET	2	3	4	4	5	5	6	6	7
14	D01-0180	CLEAN OUT DOOR, 115"		1				1	2		1
14	D21-0005	CLEAN-OUT DOOR, 67"			2	1				1	
14	D31-0021	CLEAN OUT DOOR, 91"	1			1	2	1		2	2
15	D01-0307	SUPPORT CHANNEL, CLEAN OUT DOOR		1				1	2		1
15	D21-0012	SUPPORT CHANNEL, CLEAN OUT DOOR			2	1				1	
15	D31-0130	SUPPORT CHANNEL, CLEAN OUT DOOR	1			1	2	1		2	2
16	D01-0308	CLEAN-OUT DOOR HINGE	2	3	4	4	5	5	6	6	7

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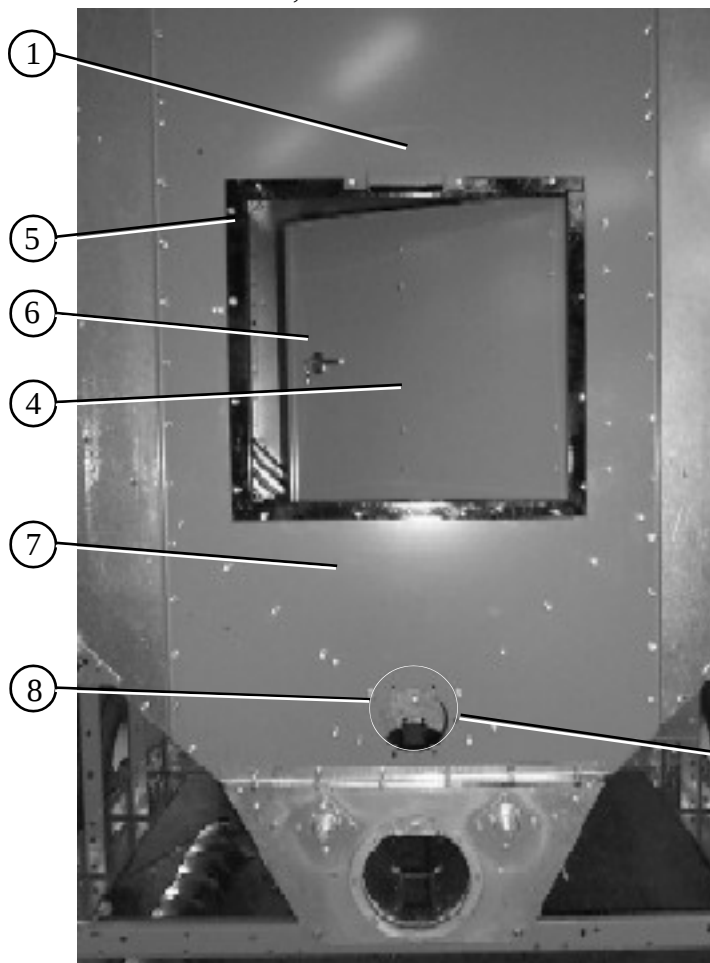
Main Assembly

Rear Access Door

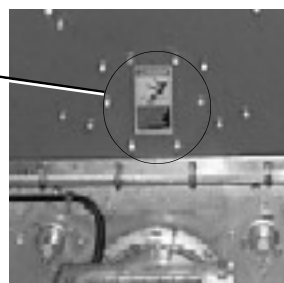
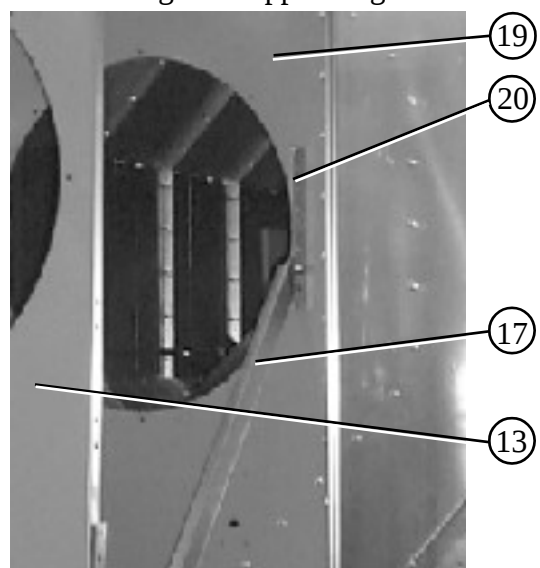
Rear access door, view from inside.



Rear access door, view from outside.



View of diagonal support angle.



View w/aspirator end cap installed. See page 8 for decal.

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Main Assembly

Ladder Assembly

Dryer front view with view of ladder assembly



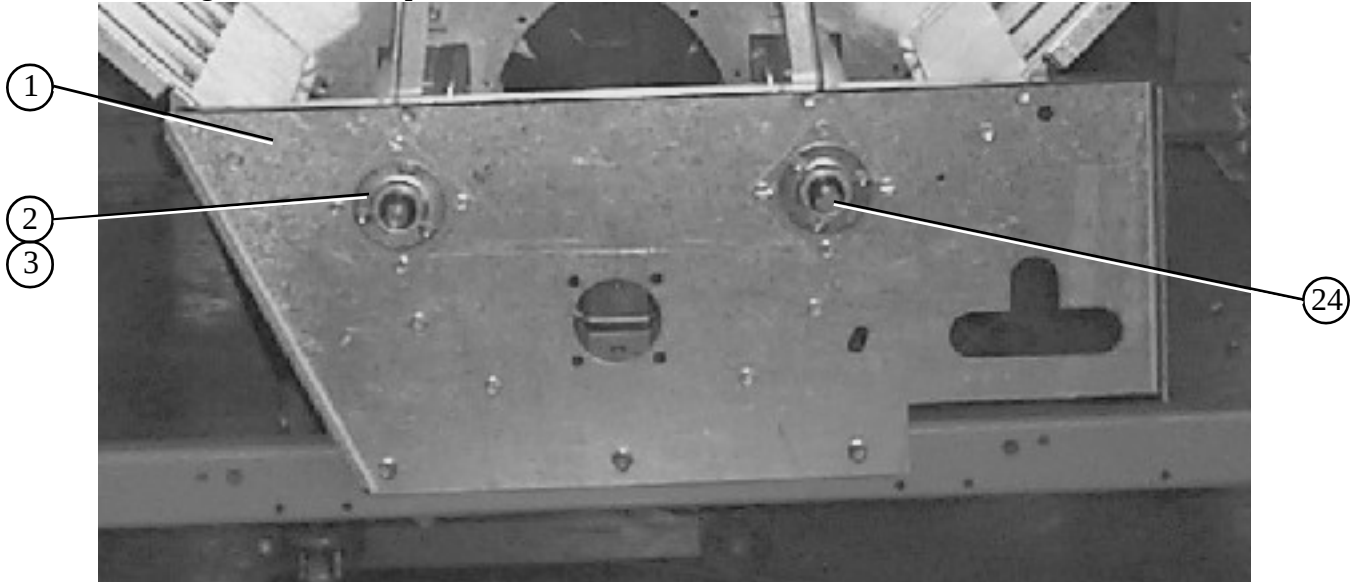
Reference Number	Part Number	Description	108	110	112	114	QTY 116	118	120	122	126
1	D01-1783-Y	ASSIST HANDLE, 29" SQUARE DOOR	2	2	2	2	2	2	2	2	2
2	401-4669-8	HINGE, REAR ACCESS DOOR	2	2	2	2	2	2	2	2	2
3	401-4630-0	HINGE BRACKET, REAR ACCESS DOOR	2	2	2	2	2	2	2	2	2
4	D01-1781-Y	DOOR, 29" SQUARE	1	1	1	1	1	1	1	1	1
5	D01-1782-BLK	FRAME ANGLE, 29" DOOR	4	4	4	4	4	4	4	4	4
6	D03-0512	DOOR HANDLE, LOCKING	1	1	1	1	1	1	1	1	1
7	D01-1844-Y	REAR END PANEL	1	1							
7	D01-1780-Y	REAR END PANEL			1	1	1	1	1	1	1
8	D01-1510	END CAP FOR ASPIRATOR PORT	1	1	1	1	1	1	1	1	1
9	D01-1792	LATCH BAR	1	1	1	1	1	1	1	1	1
10	D01-0397	LATCH BRACKET	1	1	1	1	1	1	1	1	1
11	CD-0576	GRILL GUARD 28"	1								
11	CD-0544	GRILL GUARD 36"		1	1						
11	CD-0547	GRILL GUARD 40 & 42"				1	1	1	1	1	1
12	F-7060-Y	VENTURI 28"	1								
12	CD-0543-Y	VENTURI 36"		1	1						
12	CD-0545-Y	VENTURI 40"				1	1				
12	CD-0546-Y	VENTURI 42"						1	1	1	1
13	D01-0663	FAN SUPPORT PANEL 28"	1								
13	D51-0007	FAN SUPPORT PANEL 36"		1	1						
13	D01-1458	FAN SUPPORT PANEL 40"				1	1				
13	D51-0132	FAN SUPPORT PANEL 42"						1	1	1	1
14	D51-0021	STIFFENER, FAN SUPPORT	2	2	2	2	2	2	2	2	2
15	D01-0029	HITCH WELDMENT	1	1	1	1	1	1	1	1	1
16	D51-0022	SUPPORT, CONTROL PANEL	4	4	4	4	4	4	4	4	4
16a	D01-0090	CONTROL PANEL SUPPORT MOUNT BRACKET	3	3	3	3	3	3	3	3	3
17	D01-0062	FRONT DIAGONAL SUPPORT	2	2	2	2	2	2	2	2	2
18	D01-1166	FAN ACCESS STEP	1	1	1	1	1	1	1	1	1
18a	D01-1167	FAN ACCESS STEP RH MOUNT	1	1	1	1	1	1	1	1	1
18b	D01-1168	FAN ACCESS STEP LH MOUNT	1	1	1	1	1	1	1	1	1
19	D01-0102	FRONT END PANEL	1								
19	D01-0346	FRONT END PANEL		1							
19	D51-0004	FRONT END PANEL			1						
19	D01-1459	FRONT END PANEL				1	1				
19	D51-0131	FRONT END PANEL						1	1	1	1
20	D31-0129	DIAGONAL SUPPORT ANGLE	2	2	2	2	2	2	2	2	2
21	D01-0111	LADDER RAIL	2	2							
21	D31-0020	LADDER RAIL			2	2	2	2	2	2	2
22	D01-0114	LADDER LOWER BRACKET	1	1	1	2	1	1	1	1	1
23	D01-1012	LADDER BRACKET	4	4	4	4	4	4	4	4	4
24	D01-0112	LADDER RUNG	8	8	10	10	10	10	10	10	10

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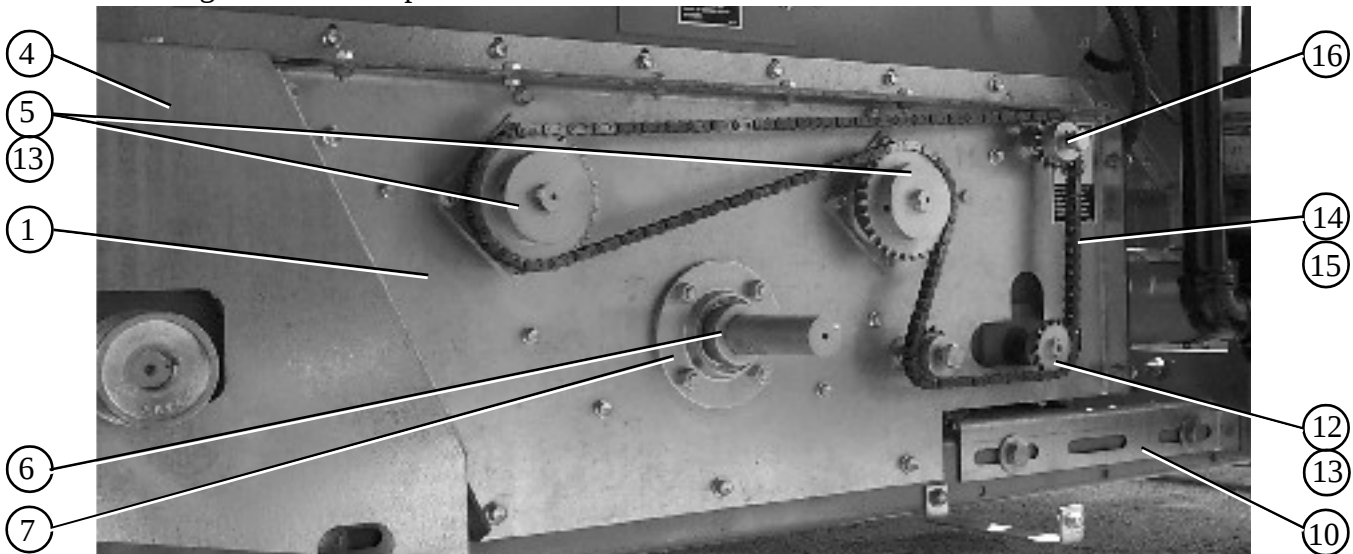
Bottom Auger & Metering Roll

Metering Rolls

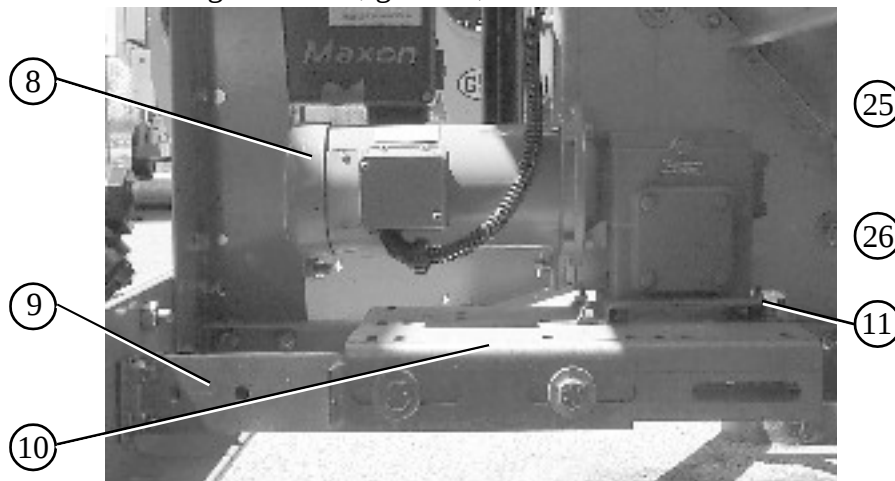
Metering roll drive components



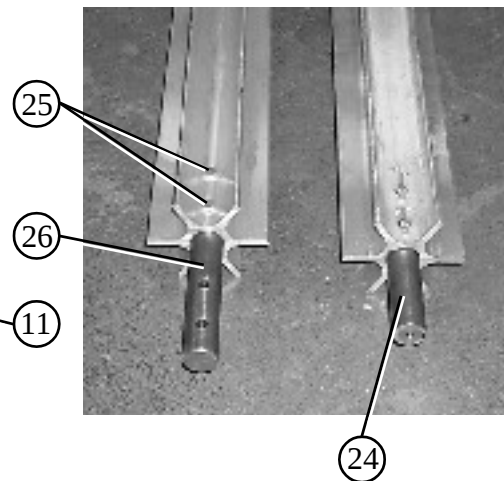
Metering roll drive components



Metering roll motor, gearbox, and mount.



Meter roll shafts



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Bottom Auger & Metering Roll

Metering Rolls

View of metering rolls with bottom auger removed.



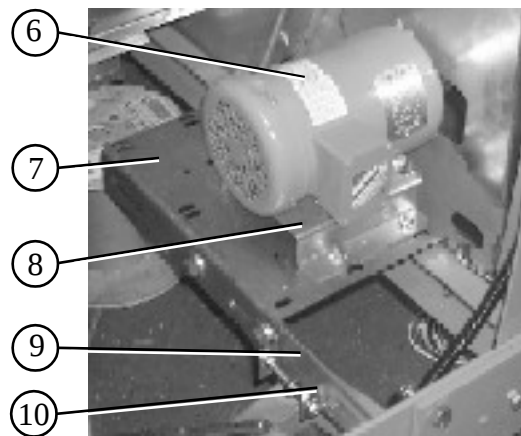
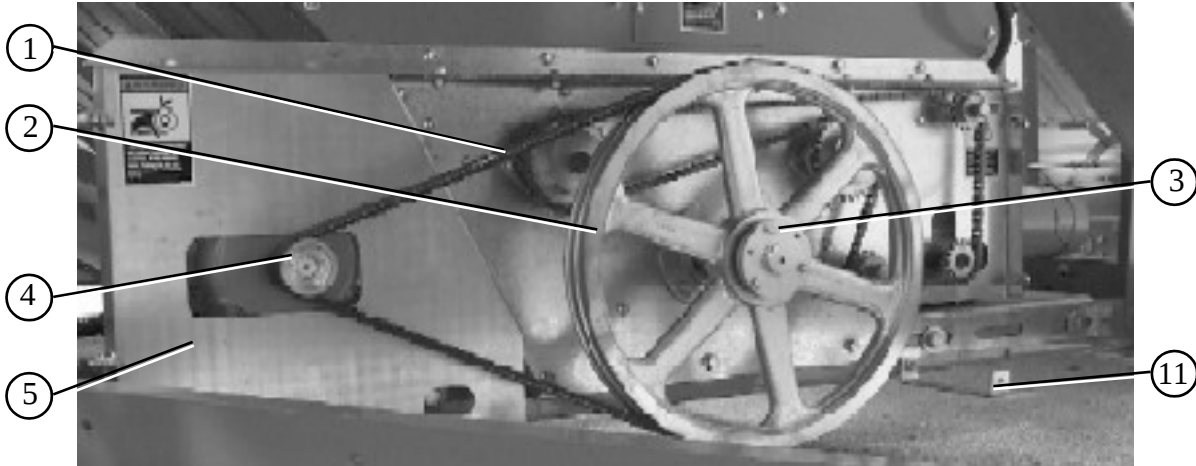
Reference Number	Part Number	Description	108	110	112	114	QTY 116	118	120	122	126
1	D01-1374	BOTTOM AUGER BEARING PLATE	1	1	1	1	1	1	1	1	1
2	GK1583	FLANGETTE BEARING 1"	4	4	4	4	4	4	4	4	4
3	D01-0003	ADAPTOR PLATE	4	4	4	4	4	4	4	4	4
4	D01-1373	BELTGUARD, UNLOAD MOTOR SHROUD	1	1	1	1	1	1	1	1	1
5	D02-0029	SPROCKET 40H30	2	2	2	2	2	2	2	2	2
6		LOCK COLLAR (SUPPLIED W/FLANGETTE BEARING)									
7	D32-0001	FLANGETTE BEARING 1 1/2"	2	2	2	2	2	2	2	2	2
8	D03-0231	MOTOR 1/3HP DC W/GEAR BOX 50:1	1	1	1						
8	D03-0232	MOTOR 3/4HP DC W/GEAR BOX 50:1				1	1	1	1	1	1
9	D01-0016	MOTOR MOUNT SUPPORT BRACKET	1	1	1	1	1	1	1	1	1
10	D01-0081	MOTOR MOUNT	1	1	1	1	1	1	1	1	1
11	D01-0704	SCR MOTOR GEARBOX MOUNT	1	1	1	1	1	1	1	1	1
12	D03-0257	SPROCKET 4015 x 7/8" BORE W/KEYWAY	1	1	1	1	1	1	1	1	1
13	S-9168	KEY SQ. 1/4" x 1"	3	3	3	3	3	3	3	3	3
14	S-6290	CHAIN #40 ROLLER CHAIN	6ft	6ft	6ft	6ft	6ft	6ft	6ft	6ft	6ft
15	D02-0031	#40 CHAIN CONNECTING LINK	1	1	1	1	1	1	1	1	1
16	D01-0196	SPROCKET IDLER ASSEMBLY	2	2	2	2	2	2	2	2	2
17	D01-0048	TROUGH PANEL	8	10	12	14	16	18	20	22	26
18	D31-0031	METER ROLL, FRONT	4	2	4	2	4	2	4	2	2
18	D31-0030	METER ROLL, INTERMEDIATE		2	2	4	4	6	6	8	10
18	D31-0029	METER ROLL, REAR		2		2		2		2	2
19	D01-1290	HANGER BEARING "J" PLATE			2	2	2	2	2	4	4
20	D01-1291	HANGER BEARING "C" CHANNEL			1	1	1	1	1	2	2
21	D02-0061	METER ROLL SUPPORT BEARING	2	4	4	6	6	8	8	10	12
22	D31-0148	METER ROLL WASHER	8	12	12	16	16	20	20	24	28
23	D01-0177	SUPPORT STRAP	4	5	6	7	8	9	10	11	13
24	D01-0006	METER ROLL DRIVE SHAFT (FRONT)	2	2	2	2	2	2	2	2	2
24	D01-0272	METER ROLL SHAFT SHORT STUB (REAR)	2	2	2	2	2	2	2	2	2
25	D02-0028	CLEVIS PIN 5/16" x 1 3/4"	16	24	24	32	32	40	40	48	56
26	D31-0046	METER ROLL SPLICE SHAFT	2	4	4	6	6	8	8	10	12

100 Series Parts Manual

Bottom Auger & Metering Roll

Bottom Auger Drive

Bottom auger drive components



Bottom auger motor and mount.

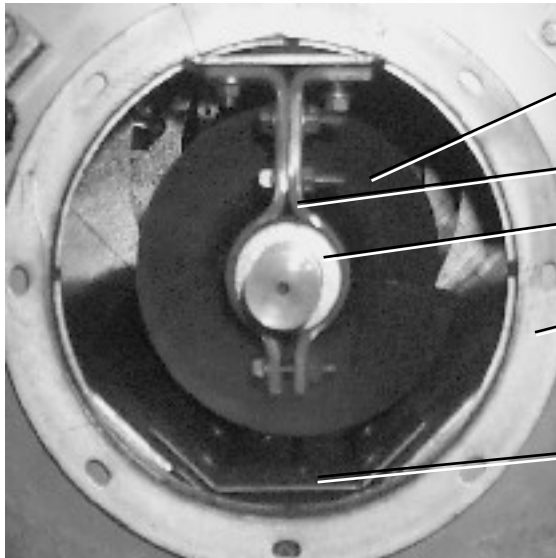
Reference Number	Part Number	Description	108	110	112	114	QTY 116	118	120	122	126
1	MHC00490	BELT BX82	1	1		1	1	1	1	1	1
1	D02-0067	BELT BX85			1						
2	D03-0304	SHEAVE 20" GRIPBELT 2 GROOVE	1	1	1	1	1	1	1	1	1
3	D32-0019	BUSHING Q1 x 1 1/2"	1	1	1	1	1	1	1	1	1
3	D31-0137	KEY 3/8" x 3/8" x 2 1/2"	1	1	1	1	1	1	1	1	1
4	D02-0056	SHEAVE 3.35" x 5/8" BORE	1								
4	D03-0174	SHEAVE 2.5" x 7/8" BORE		1	1						
4	2818-2	SHEAVE 3.35" x 1 1/8" BORE				1	1	1			
4	D62-0003	SHEAVE 4.25" x 1 3/8" BORE							1	1	1
5	D01-1373	BELTGUARD, UNLOAD MOTOR SHROUD	1	1	1	1	1	1	1	1	1
6	100-1	MOTOR 1HP 1PH 1800RPM	1								
6	100-3	MOTOR 1HP 3PH 1800RPM	1								
6	D03-0309	MOTOR 1.5HP 1PH 1725RPM		1	1						
6	112-3	MOTOR 1.5HP 3PH 1800RPM		1	1						
6	300-1	MOTOR 3HP 1PH 1800RPM				1					
6	300-3	MOTOR 3HP 3PH 1800RPM				1					
6	500-1	MOTOR 5HP 1PH 1800RPM					1	1			
6	500-3	MOTOR 5HP 3PH 1800RPM					1	1			
6	712-1	MOTOR 7.5HP 1PH 1800RPM							1	1	
6	712-3	MOTOR 7.5HP 3PH 1800RPM							1	1	
6	1500-1	MOTOR 15HP 1PH 1800RPM									1
6	1500-3	MOTOR 15HP 3PH 1800RPM									1
7	D01-0081	MOTOR MOUNT	1	1	1	1	1	1	1	1	1
8	D01-0203	MOUNTING BRACKET	1	1	1						
9	D01-0016	MOTOR MOUNT SUPPORT BRACKET	1	1	1	1	1	1	1	1	1
10	D01-0017	MOTOR ADJUSTMENT BRACKET	2	2	2	2	2	2	2	2	2
11	D01-0065	SPACER, BEARING SHIELD	2	2	2	2	2	2	2	2	2
NOT SHOWN	D01-1372	BELTGUARD, UNLOAD FRONT SHIELD	1	1	1	1	1	1	1	1	1

100 Series Parts Manual

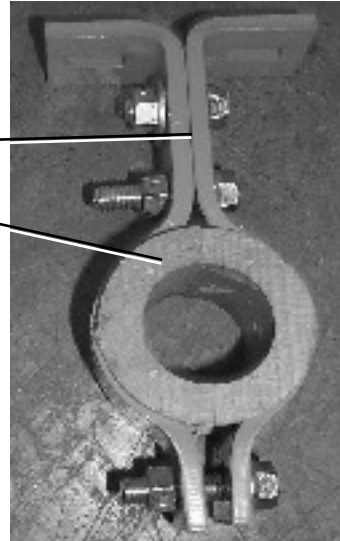
Bottom Auger & Metering Roll

Bottom Auger Discharge Box

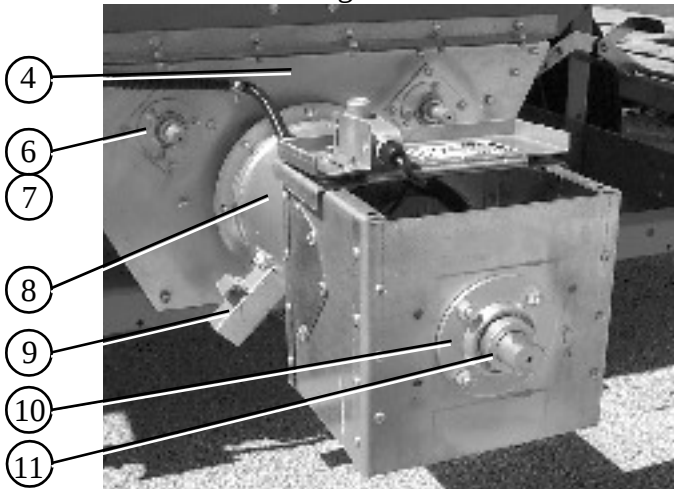
View with discharge box removed.



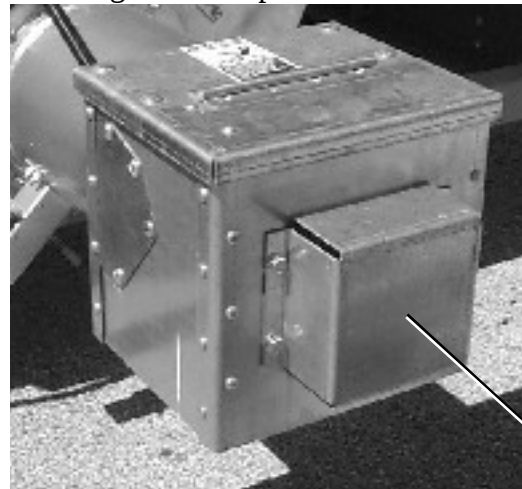
Hanger bearing assembly.
(Complete assy. part number; D01-1246)



View with discharge box installed.



Discharge box complete.



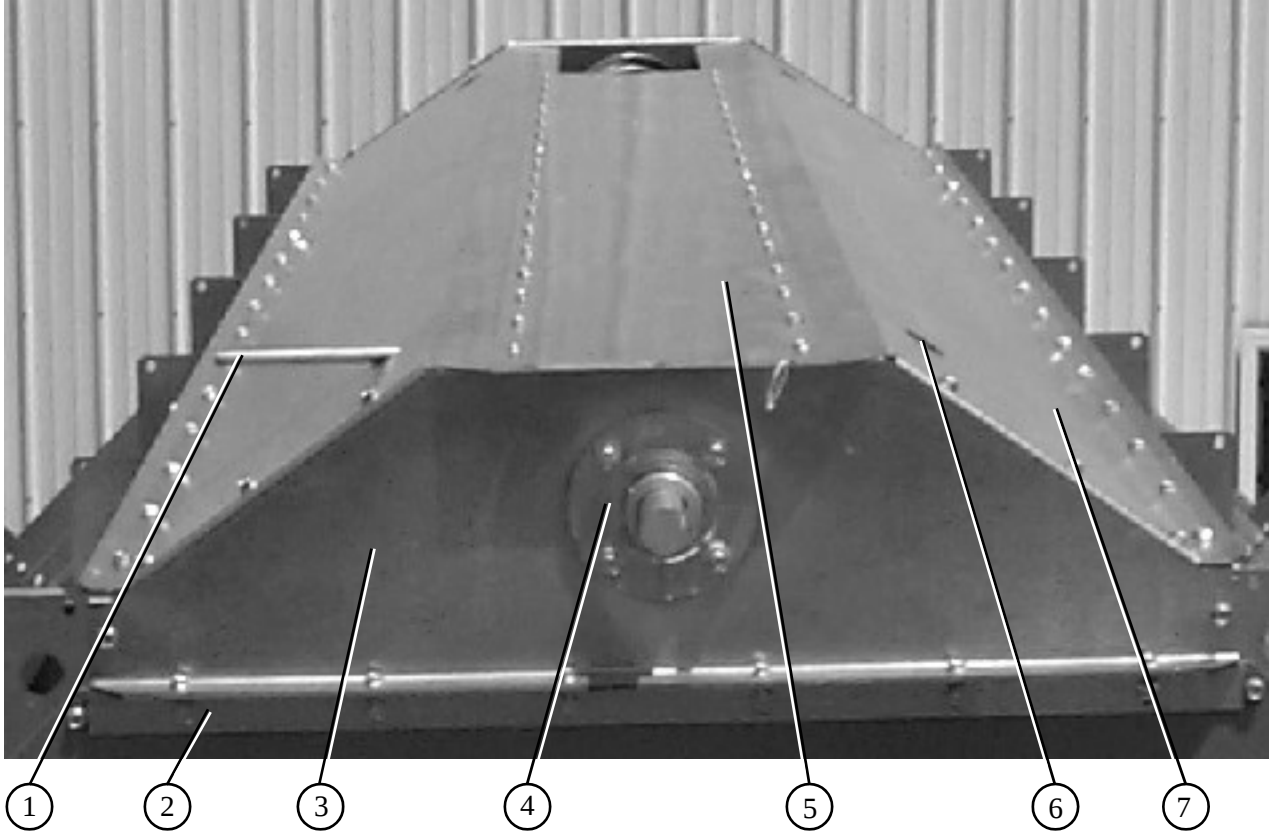
Reference Number	Part Number	Description	108	110	112	114	QTY 116	118	120	122	126
1	SEE CHART ON PAGE 26										
2	D31-0025	BEARING HANGER SIDE, BOTTOM AUGER		2	2	2	2	2	2	2	4
3	D31-0026	1 1/2" OIL IMPREGNATED WOOD BEARING		1	1	1	1	1	1	1	2
4	D31-0120	DISCHARGE PLATE MOUNT	1	1	1	1	1	1	1	1	1
5	D01-0177	SUPPORT STRAP	4	5	6	7	8	9	10	11	13
6	D01-0003	METER ROLL ADAPTER PLATE	4	4	4	4	4	4	4	4	4
7	D02-0002	FLANGETTE BEARING 1"	4	4	4	4	4	4	4	4	4
8	D01-0481	DISCHARGE BOX ASSEMBLY	1	1	1	1	1	1	1	1	1
9	D01-0405	GRAIN SAMPLER ASSEMBLY	1	1	1	1	1	1	1	1	1
10	D32-0001	FLANGETTE BEARING 1 1/2"	2	2	2	2	2	2	2	2	2
11		LOCK COLLAR (SUPPLIED W/FLANGETTE BEARING)									
12	D01-1650	REAR AUGER BEARING SHIELD	1	1	1	1	1	1	1	1	1

100 Series Parts Manual

Top Auger

Standard Top Auger

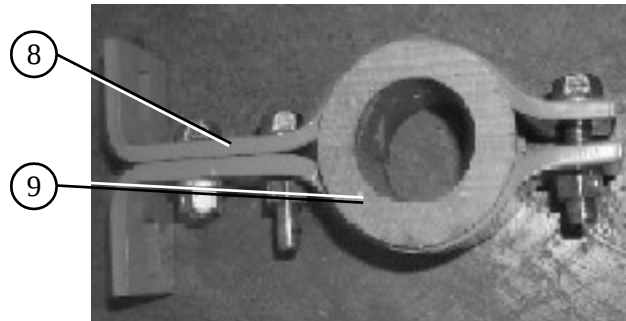
Standard top auger viewed from front of dryer.



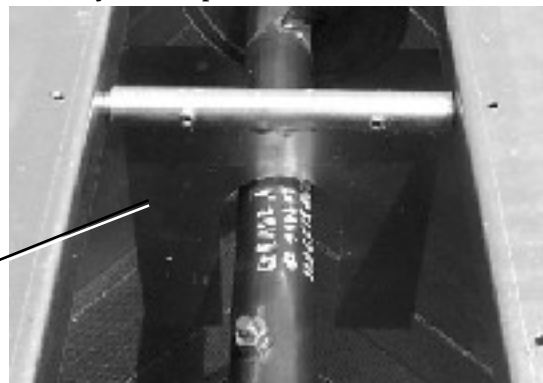
Std. top auger motor and mount.



Hanger Bearing assembly. Complete assembly part no.; D01-1246 for standard top & D01-1245 for wet bin top.



Mercury switch paddle

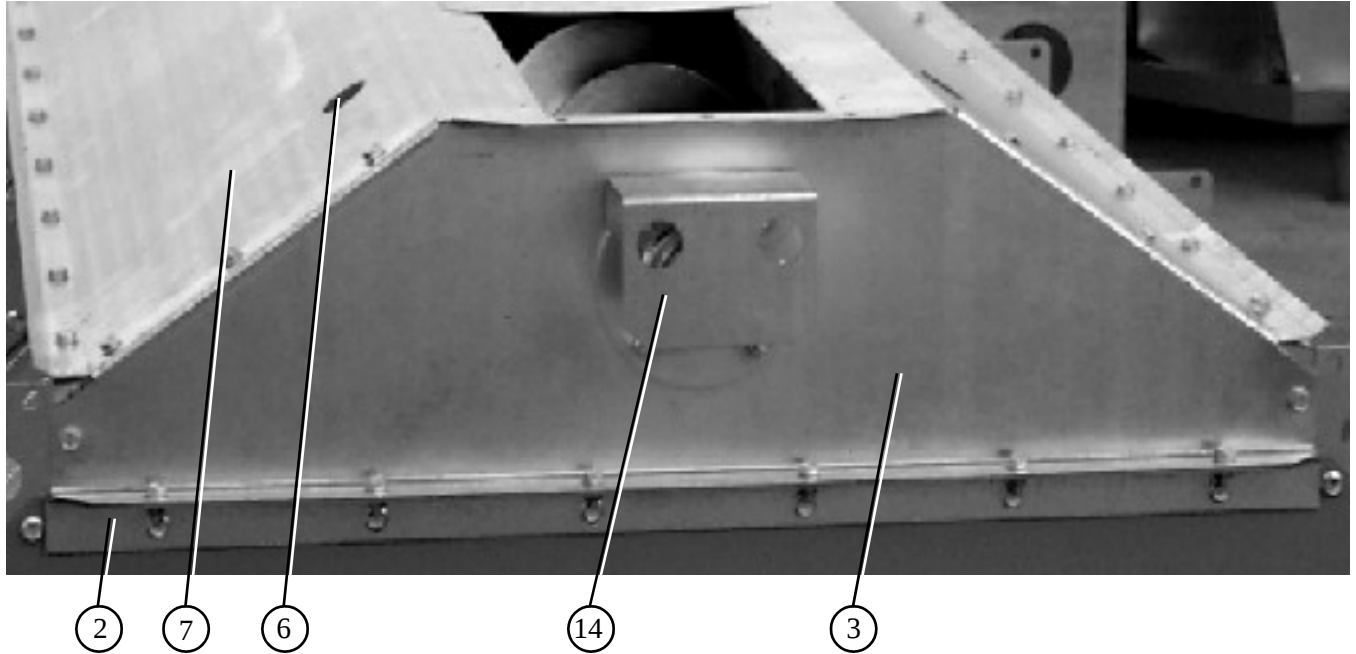


100 Series Parts Manual

Top Auger

Standard Top Auger

Standard top auger viewed from rear of dryer.



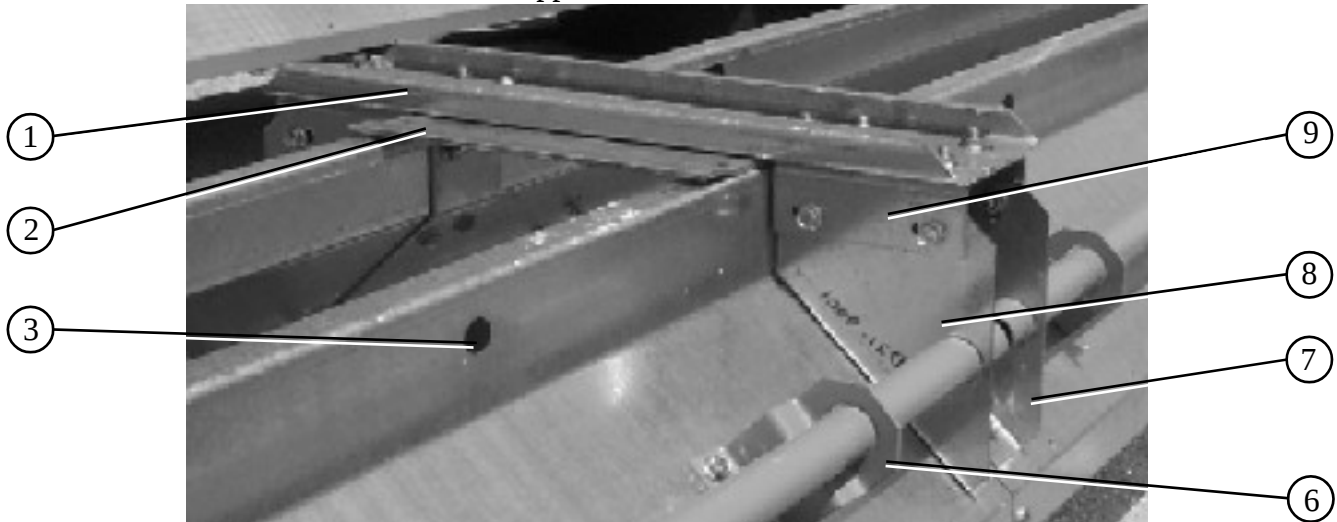
Reference Number	Part Number	Description	108	110	112	114	QTY 116	118	120	122	126
1	D01-0103	MERCURY SWITCH SHAFT	1	1	1	1	1	1	1	1	1
2	D01-0044	TOP ANGLE BRACKET FRONT AND REAR	2	2	2	2	2	2	2	2	2
3	D01-1359	STANDARD TOP BEARING PLATE	2	2	2	2	2	2	2	2	2
4	D32-0001	1 1/2" BEARING W/FLANGETTE	2	2	2	2	2	2	2	2	2
5	D01-1123	TOP AUGER COVER, 30.25"	1	1	1	1	1	1	1	1	1
5	D01-1124	TOP AUGER COVER, 24.25"	2	3	2	2	4	5	7	5	7
5	D01-1125	TOP AUGER COVER, 20.25"			2	2	2	2	2	4	4
6	D63-0012	1 3/8" HOLE PLUG	3	3	7	7	7	7	7	11	11
7	D01-1356	STD TOP GARNER SIDE, 6 FT			4	2				2	
7	D01-1357	STD TOP GARNER SIDE, 8 FT	2			2	4	2		4	4
7	D01-1358	STD TOP GARNER SIDE, 10 FT		2				2	4		2
8	D31-0025	HANGER BEARING SIDE			2	2	2	2	2	4	4
9	D31-0026	1 1/2" HANGER BEARING			1	1	1	1	1	2	2
10	D01-0091	TOP AUGER MOTOR MOUNT	1	1	1	1	1	1	1	1	1
11	D03-0309	MOTOR, 1.5HP 1PH 1725RPM	1								
11	112-3	MOTOR, 1.5HP 3PH 1725RPM	1								
11	200-1	MOTOR, 2HP 1PH 1725RPM		1	1						
11	200-3	MOTOR, 2HP 3PH 1725RPM		1	1						
11	300-1	MOTOR, 3HP 1PH 1725RPM				1					
11	300-3	MOTOR, 3HP 3PH 1725RPM				1					
11	500-1	MOTOR, 5HP 1PH 1725RPM					1	1			
11	500-3	MOTOR, 5HP 3PH 1725RPM					1	1			
11	712-1	MOTOR, 7.5HP 1PH 1725RPM							1	1	
11	712-3	MOTOR, 7.5HP 3PH 1725RPM							1	1	
11	1000-1	MOTOR, 10HP 1PH 1725RPM									1
11	1000-3	MOTOR, 10HP 3PH 1725RPM									1
12	D01-0108	MERCURY SWITCH PADDLE WELDMENT	1	1	1	1	1	1	1	1	1
13	D01-0089	MOTOR MOUNT BASE	1	1	1	1	1	1	1	1	1
14	D31-0073	AUGER BEARING SHIELD	1	1	1	1	1	1	1	1	1

100 Series Parts Manual

Top Auger

Wet Bin Top Auger

View of center stabilizer support.



Close-up view of center stabilizer support.



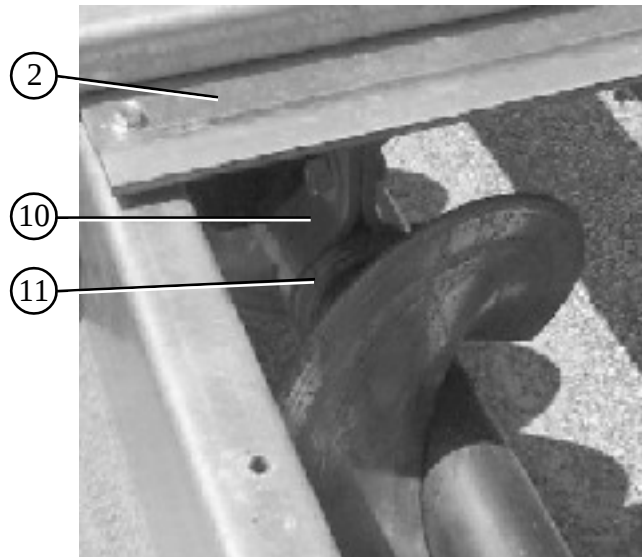
Top and Bottom Auger Weldments

Reference Number	Part Number	Description	108	110	112	114	QTY 116	118	120	122	126
TOP AUGER WELDMENTS											
5	D01-0811	AUGER WELDMENT 8ft	1								
5	D01-0812	AUGER WELDMENT 10ft		1							
5	D01-0801	AUGER WELDMENT, REAR 12ft			1						
5	D21-0015	AUGER WELDMENT, FRONT			1	1					
5	D31-0267	AUGER WELDMENT, REAR				1	1	1		2	2
5	D01-0608	AUGER WELDMENT, FRONT 16ft					1				
5	D31-0091	AUGER WELDMENT, FRONT						1	1		1
5	D61-0184	AUGER WELDMENT, REAR							1		
BOTTOM AUGER WELDMENTS (PAGE 23)											
1	D01-1819	AUGER WELDMENT 8ft	1								
1	D01-1821	AUGER WELDMENT 10ft		1							
1	D01-0801	AUGER WELDMENT, REAR 12ft			1						
1	D21-0017	AUGER WELDMENT, FRONT			1	1				1	
1	D31-0267	AUGER WELDMENT, REAR				1	1	1		2	2
1	D01-0607	AUGER WELDMENT, FRONT					1				
1	D31-0092	AUGER WELDMENT, FRONT						1	1		1
1	D61-0184	AUGER WELDMENT, REAR							1		
1	D31-0079	DISCHARGE AUGER WELDMENT	1	1	1	1	1	1	1	1	1

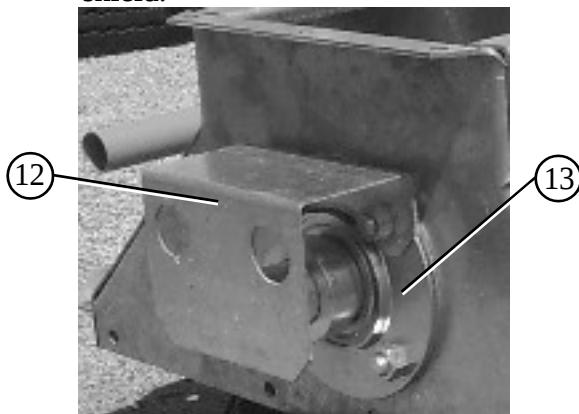
100 Series Parts Manual

Top Auger

View of auger hanger bearing.

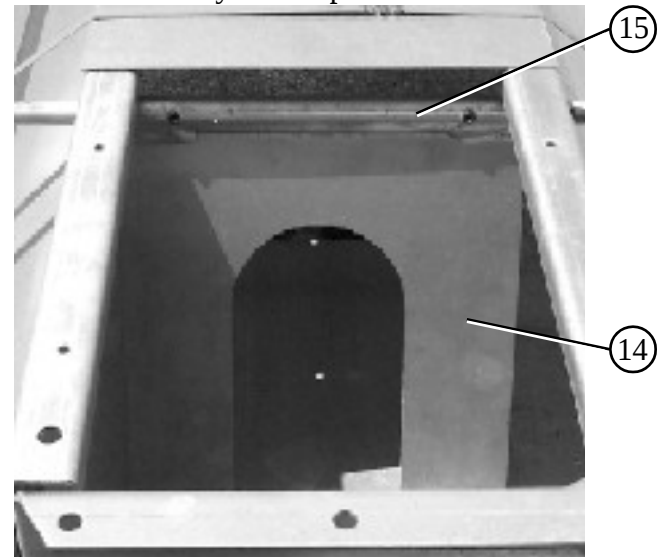


View of top auger bearing shield.

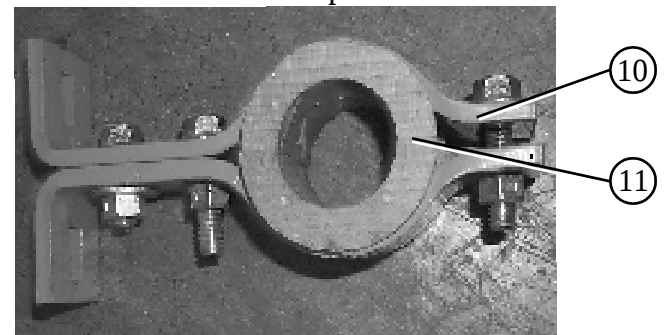


Wet Bin Top Auger

View of mercury switch paddle.



Hanger Bearing assembly. Complete assembly part no.; D01-1246 for standard top & D01-1245 for wet bin top.



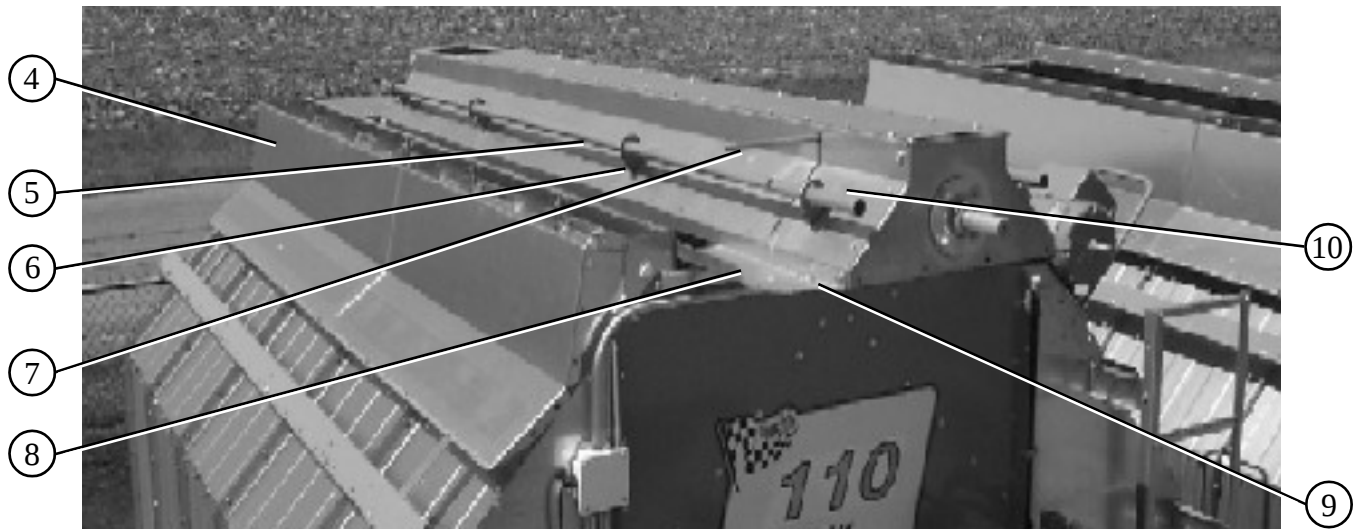
Reference Number	Part Number	Description	108	110	112	114	QTY 116	118	120	122	126
1	D01-1364	CENTER STABILIZER BEAM			1	1	1	1	1	2	2
2	D31-0015	TOP AUGER BEARING SUPPORT			1	1	1	1	1	2	2
3	HH-7003	PLUG, 5/8" PLASTIC (for unused mercury sw. shaft holes)	2	2	6	6	6	6	6	10	10
4	D01-1360	SPLICE PLATE (STANDARD TOP)			2	2	2	2	2	4	4
4	D31-0008	SPLICE PLATE (WET BIN TOP)			2	2	2	2	2	2	2
5	SEE CHART ON FACING PAGE										
6	D01-0140	HANDRAIL HANGER BRACKET	8	8	16	16	16	16	16	24	24
7	D01-1361	CENTER HANDRAIL GUSSET L.H. (STANDARD TOP)			2	2	2	2	2	4	4
7	D01-1362	CENTER HANDRAIL GUSSET R.H. (STANDARD TOP)			2	2	2	2	2	4	4
8	D31-0001	CENTER HANDRAIL GUSSET L.H. (WET BIN TOP)			2	2	2	2	2	4	4
8	D31-0002	CENTER HANDRAIL GUSSET R.H. (WET BIN TOP)			2	2	2	2	2	4	4
9	D31-0009	GUSSET ATTACH BRACKET			2	2	2	2	2	4	4
10	D31-0024	TOP AUGER BEARING HANGER			2	2	2	2	2	4	4
11	D31-0026	1 1/2" OIL IMPREGNATED WOOD BEARING			1	1	1	1	1	2	2
12	D31-0073	AUGER BEARING SHIELD (REAR)	1	1	1	1	1	1	1	1	1
13	D32-0001	BEARING, 1 1/2" DIA. W/FLANGETTE	2	2	2	2	2	2	2	2	2
14	D01-0167	MERCURY SWITCH PADDLE WELDMENT	1	1	1	1	1	1	1	1	1
15	D01-0103	MERCURY SWITCH SHAFT	1	1	1	1	1	1	1	1	1

100 Series Parts Manual

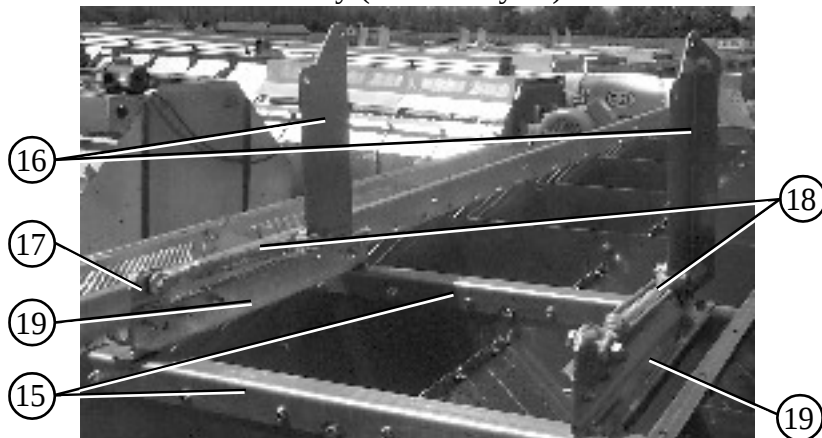
Top Auger

Wet Bin Assembly

Top auger w/wet bin (View from front)



Wet bin lift assembly (12'-26' dryers)



100 Series Parts Manual

Top Auger

Wet Bin Assembly

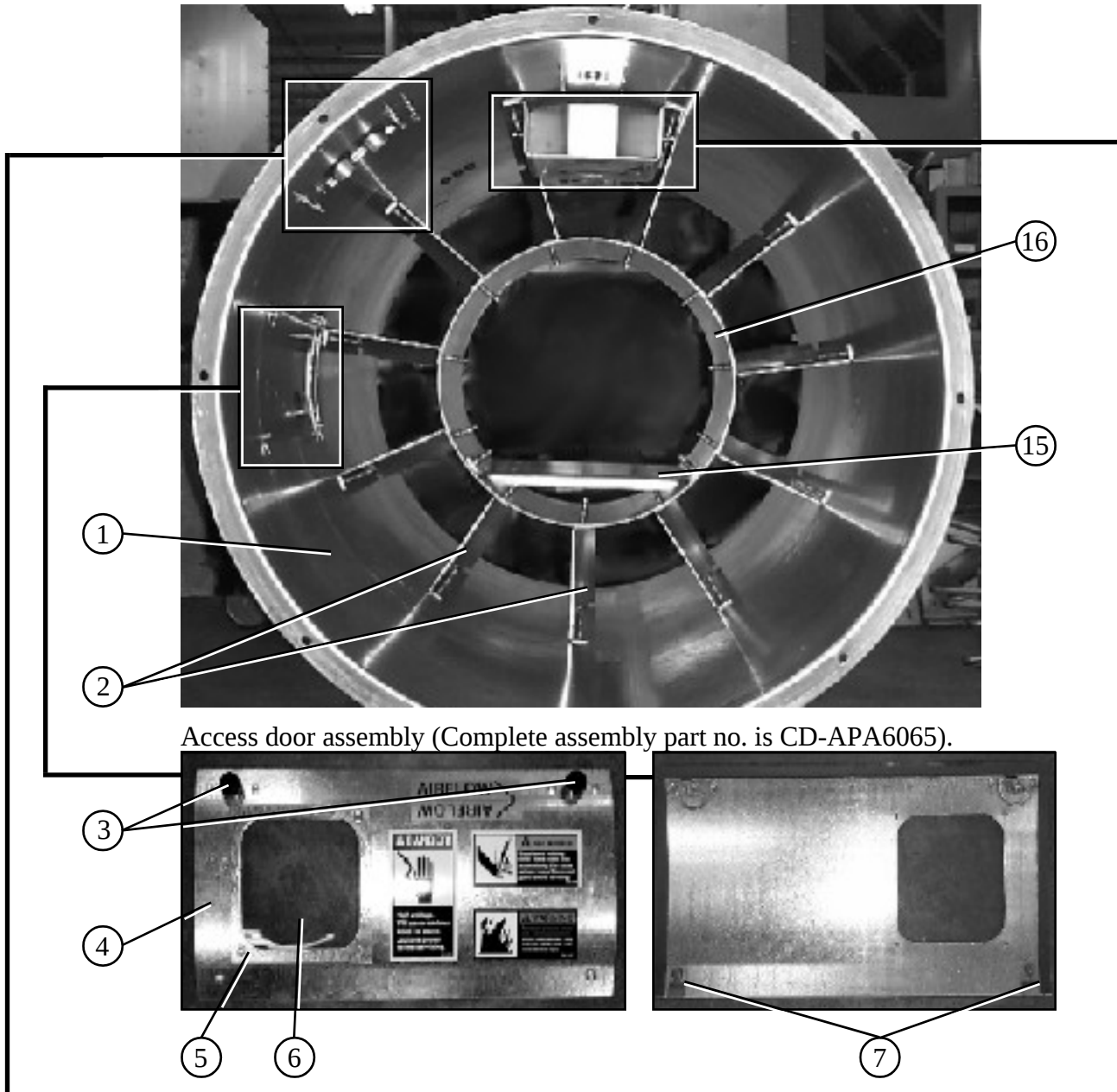
Reference Number	Part Number	Description	108	110	112	114	QTY 116	118	120	122	126
1	D01-1123	TOP AUGER COVER, 30.25"	1	1	1	1	1	1	1	1	1
1	D01-1124	TOP AUGER COVER, 24.25"	2	3	2	3	4	5	7	5	7
1	D01-1125	TOP AUGER COVER, 20.25"	2	2	2	2	2	2	2	4	4
2	D31-0028	TOP AUGER HOUSING END	2	2	2	2	2	2	2	2	2
3	D32-0001	BEARING, 1 1/2" DIA. W/FLANGETTE	2	2	2	2	2	2	2	2	2
4	D01-1521	WET BIN SIDE, 4' SIDE GALV. PERFORATED	4	2		4	2		4	2	4
4	D01-1522	WET BIN SIDE, 6' SIDE GALV. PERFORATED		2	4	2	4	6	4	6	6
5	D01-0151	HANDRAIL, 119.75"		2				2	4		2
5	D31-0006	HANDRAIL, 95.75"	2			2	4	2		4	4
5	D21-0001	HANDRAIL, 71.75"			4	2				2	
6	D01-0140	HANDRAIL HANGER BRACKET	8	8	16	16	16	16	16	24	24
7	D01-0103	MERCURY SWITCH SHAFT	1	1	1	1	1	1	1	1	1
8	D01-1525	WET BIN END	2	2	2	2	2	2	2	2	2
9	D01-0148	TOP AUGER HOUSING HINGE, R.H.	2	2	2	2	2	2	2	2	2
10	D01-0161	TOP AUGER TROUGH SIDE, 10'		2				2	4		2
10	D21-0002	TOP AUGER TROUGH SIDE, 6'			4	2				2	
10	D31-0010	TOP AUGER TROUGH SIDE, 8'	2			2	4	2		4	4
NOT SHOWN	HH-7003	PLUG, 5/8" PLASTIC (for unused mercury sw. shaft holes)	2	2	6	6	6	6	6	10	10
11	D01-0147	TOP AUGER HOUSING HINGE, L.H.	2	2	2	2	2	2	2	2	2
12	D01-0173	TOP MOTOR MOUNT WELDMENT	1	1	1	1	1	1	1	1	1
13	D03-0309	MOTOR, 1.5HP 1PH 1725RPM	1								
13	112-3	MOTOR, 1.5HP 3PH 1725RPM	1								
13	200-1	MOTOR, 2HP 1PH 1725RPM		1	1						
13	200-3	MOTOR, 2HP 3PH 1725RPM		1	1						
13	300-1	MOTOR, 3HP 1PH 1725RPM				1					
13	300-2	MOTOR, 3HP 3PH 1725RPM				1					
13	500-1	MOTOR, 5HP 1PH 1725RPM					1	1			
13	500-3	MOTOR, 5HP 3PH 1725RPM					1	1			
13	712-1	MOTOR, 7.5HP 1PH 1725RPM							1	1	
13	712-3	MOTOR, 7.5HP 3PH 1725RPM							1	1	
13	1000-1	MOTOR, 10HP 1PH 1725RPM									1
13	1000-3	MOTOR, 10HP 3PH 1725RPM									1
14	D01-0424	TOP AUGER MOTOR HAND HOLD	1	1	1	1	1	1	1	1	1
15	D31-0007	WET BIN MOUNTING ANGLE			2	2	2	2	2	4	4
16	D01-0443	WET BIN LIFT CENTER SUPPORT			2	2	2	2	2	4	4
17	D31-0016	TURNBUCKLE EAR			2	2	2	2	2	4	4
18	D32-0003	TURNBUCKLE 5/8" x 9"			2	2	2	2	2	4	4
19	D31-0019	WET BIN LIFT MOUNTING BASE			2	2	2	2	2	4	4
TOP AUGER PARTS NOT SHOWN BUT INCLUDED IN THE DRYER SHIPPING PACKAGE											
	D01-0044	TOP ANGLE BRACKET, FRONT & REAR	2	2	2	2	2	2	2	2	2
	D01-0156	CHANNEL, TOP AUGER HOUSING	2	2	2	2	2	2	2	2	2
	D01-0464	BELT, BX97	2	2	2	2	2	2	2	2	2
	D01-0465	TURNBUCKLE, MOTOR BELT TENSION	1	1	1	1	1	1	1	1	1
	D01-0452-Y	TOP AUGER BELTGUARD COVER	1	1	1	1	1	1	1	1	1
	D01-0453	TOP AUGER BELTGUARD BODY	1	1	1	1	1	1	1	1	1
	FH-4429-1	LATCH	3	3	3	3	3	3	3	3	3
	D01-1526	PLATE CONNECTOR, WET BIN END	4	4	4	4	4	4	4	4	4
	D03-0173	SHEAVE 2.5" DIA. X 5/8" BORE (MOTOR SHEAVE)	1								
	D03-0174	SHEAVE 2.5" DIA. X 7/8" BORE (MOTOR SHEAVE)		1	1						
	2818-2	SHEAVE 2.5" DIA. X 1 1/8" BORE (MOTOR SHEAVE)				1	1	1			
	D62-0003	SHEAVE 4.25" DIA. X 1 3/8" BORE (MOTOR SHEAVE)							1	1	1
	D52-0001	SHEAVE 16" GRIPBELT 2 GROOVE	1	1	1	1	1	1	1	1	1
	D32-0019	BUSHING Q1-1 1/2" SPLIT TAPER (FOR AUGER SHEAVE)	1	1	1	1	1	1	1	1	1
	D31-0137	KEY, 3/8 x 3/8 x2 1/2, AUGER SHAFT	1	1	1	1	1	1	1	1	1
	D01-0155	MOUNTING BRKT, BELTGUARD SPACER	1	1	1	1	1	1	1	1	1
	D01-0193-Y	HOPPER ASSEMBLY	1	1	1	1	1	1	1	1	1

100 Series Parts Manual

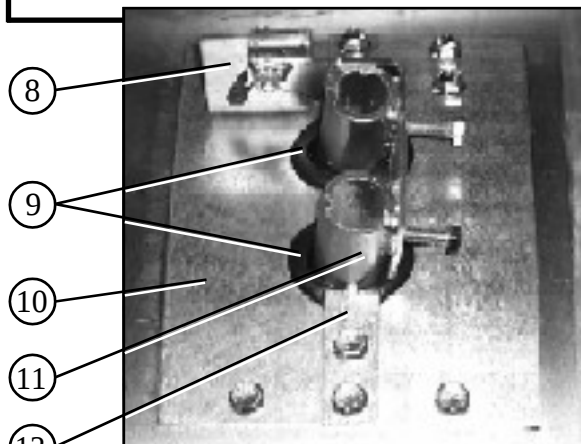
Fan-Heaters

28"-42" Housing Assembly

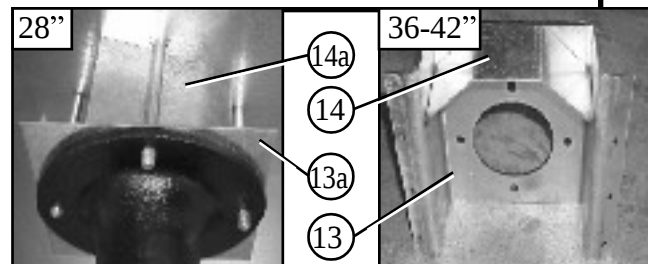
Fan housing



Access door assembly (Complete assembly part no. is CD-APA6065).



Vaporizer coil adjustment assembly (view outside of housing).



Burner support plate & collector cup.

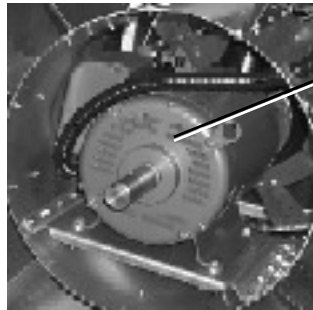
100 Series Parts Manual

Fan-Heaters

28"-42" Housing Assembly/Motor & Blade

Reference Number	Part Number	Description	108	110	112	114	QTY 116	118	120	122	126
1	D01-0535	28" FAN HOUSING	1								
1	D01-1470	36" FAN HOUSING		1	1						
1	D01-1471	40" FAN HOUSING				1	1				
1	D01-1472	42" FAN HOUSING						1	1	1	1
2	D01-0529	STRAIGHTENING VANE, 28" FAN	11								
2	D01-1452	STRAIGHTENING VANE, 36"-42" FAN		11	11	11	11	11	11	11	11
3	THF-2046	SPRING LATCH W/ KNOB	2	2	2	2	2	2	2	2	2
4	HF-6062	HEATER ACCESS PANEL	1	1	1	1	1	1	1	1	1
5	HF-7379	HEATER COVER PLATE	1	1	1	1	1	1	1	1	1
6	HF-7380	WINDOW, ACCESS .060" x 6" X 6" PLASTIC	1	1	1	1	1	1	1	1	1
7	HF-6063	ACCESS PANEL LATCH	2	2	2	2	2	2	2	2	2
8	HF-7057	VAPORIZER ADJUSTMENT BRACKET	1	1	1	1	1	1	1	1	1
9	HH-7016	GROMMET, 1.5" INNER DIA.	2	2	2	2	2	2	2	2	2
10	HF-7081	VAPORIZER MOUNTING PLATE 1/2"		1	1	1	1	1			
10	HF-7248	VAPORIZER MOUNTING PLATE 3/4"							1	1	1
11	HF-7060	VAPORIZER SUPPORT WELDMENT, 1/2"	1	1	1	1	1	1	1	1	1
11	HF-7247	VAPORIZER SUPPORT WELDMENT, 3/4"									
12	HF-7056	VAPORIZER PIVOT BRACKET	2	2	2	2	2	2	2	2	2
13 a	HF-7092	BURNER SUPPORT PLATE, 28"	1								
13	D01-1482	BURNER SUPPORT BRACKET, 36" FAN		1	1						
13	D01-1483	BURNER SUPPORT BRACKET, 40" FAN				1	1				
13	TF-1216	BURNER SUPPORT BRACKET, 42" FAN						1	1	1	1
14 a	HF-983	BURNER COLLECTOR CUP, 28" FAN	1								
14	D01-1484	BURNER COLLECTOR CUP, 36" FAN		1	1						
14	D01-1485	BURNER COLLECTOR CUP, 40" FAN				1	1				
14	TF-1217	BURNER COLLECTOR CUP, 42" FAN						1	1	1	1
15	D01-0530	MOTOR MOUNT 28"	1								
15	D01-1478	MOTOR MOUNT 36" 12-15 Hp		1	1						
NOT SHOWN	CD-0233	MOTOR MOUNT ADAPTOR (254-215)		1							
15	D01-1481	MOTOR MOUNT 40" 15Hp				1	1				
15	D01-1453	MOTOR MOUNT 42" 20 Hp						1			
15	D01-1474	MOTOR MOUNT 42" 25-40 Hp							1	1	1
16	D01-0528	INNER CAN, 28"	1								
16	D01-1480	INNER CAN, 36"		1	1						
16	D01-1479	INNER CAN, 40"				1	1				
16	D01-1451	INNER CAN, 42"						1	1	1	1

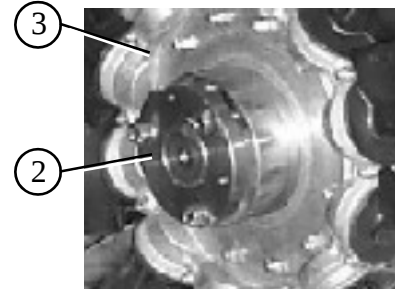
Fan motor



FAN DIA. & HORSEPOWER	108	110	112	114	116	118	120	122	126
28" 12 Hp	1								
36" 12 Hp		1							
36" 15 Hp			1						
40" 15 Hp				1	1				
42" 20 Hp						1			
42" 25 Hp							1		
42" 30 Hp								1	
42" 40 Hp									1

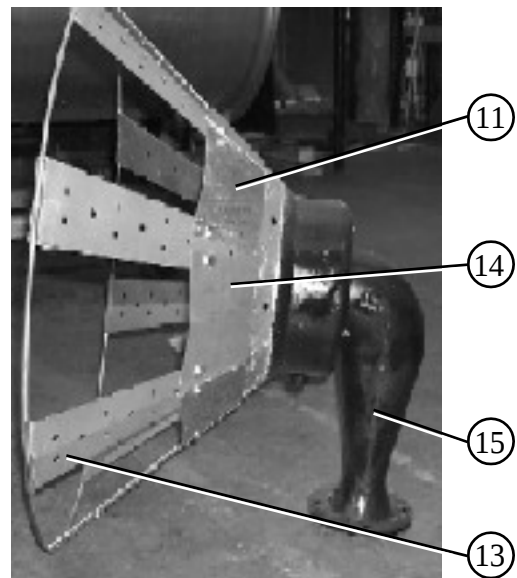
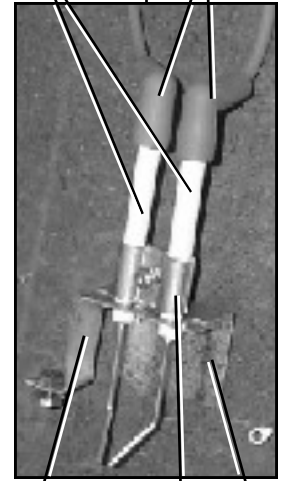
The chart above compares the fan heater size to dryer model number.

Blade & taper bushing

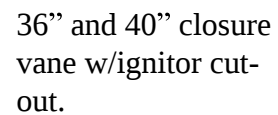


Reference Number	PART No.	MOTOR DESCRIPTION	DRYER MODEL No. & ELECTRICAL PHASE													
			108 1Ph.	108 3Ph.	110 1Ph.	110 3Ph.	112 1Ph.	112 3Ph.	114 1Ph.	114 3Ph.	116 1Ph.	116 3Ph.	118 3Ph.	120 3Ph.	122 3Ph.	126 3Ph.
1	CD-0110	MOTOR, 10-12 Hp 220V, 1 Phase	1		1											
1	CD-0239	MOTOR, 10-12 Hp 220 & 440V, 3 Phase		1		1										
1	002-1073-2	MOTOR, 15 Hp 220V, 1 Phase					1									
1	CD-0571	MOTOR, 15 Hp 220V, 1 Phase							1		1					
1	CH-1050	MOTOR, 15 Hp 220 & 440V, 3 Phase						1		1		1				
1	CH-1051	MOTOR, 20 Hp 220 & 440V, 3 Phase											1			
1	C-2049	MOTOR, 25 Hp 220 & 440V, 3 Phase												1		
1	TFH-2011	MOTOR, 30 Hp 220 & 440V, 3 Phase													1	
1	CH-6848	MOTOR, 40 Hp 220 & 440V, 3 Phase													1	
2	PT0778	BUSHING, SK 1 1/8" BORE QD	1	1												
2	FH-1009	BUSHING, P1 1 3/8" BORE			1	1										
2	FH-6963	BUSHING, P1 1 5/8" BORE					1	1								
2	GC03810	BUSHING, SK 1 5/8" BORE QD							1	1	1	1				
2	CH-6386	BUSHING, Q1 1 5/8" BORE											1			
2	CE-00617	BUSHING, SK 1 7/8" BORE QD												1	1	
2	PT0784	BUSHING, SK 2 1/2" BORE QD													1	
3	D03-0302	BLADE, 28"	1	1												
3	D01-0468	BLADE, 36" 28.5 DEG.			1	1										
3	D82-0002	BLADE, 36" 32.5 DEG.					1	1								
3	D03-0567	BLADE, 40" 32.5 DEG.							1	1	1	1				
3	D01-0470	BLADE, 42" 35 DEG.											1			
3	D01-0471	BLADE, 42" 32.5 DEG.												1		
3	D01-0472	BLADE, 42" 31.25 DEG.													1	
3	D01-0473	BLADE, 42" 35 DEG.													1	

Burner Assembly, Ignitor, & Flame Probe



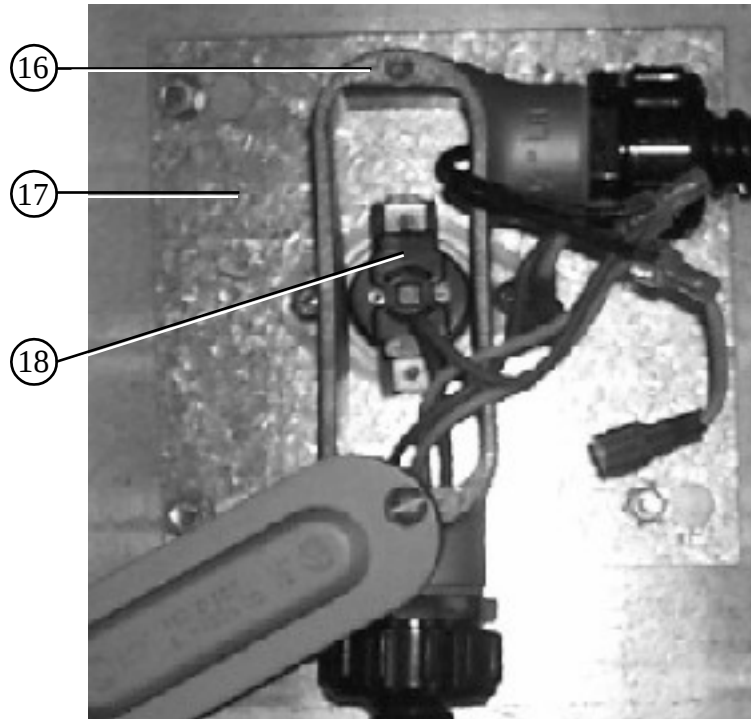
Burner assy. side view.



100 Series Parts Manual

Fan-Heaters

Burner Housing High Limit Thermostat



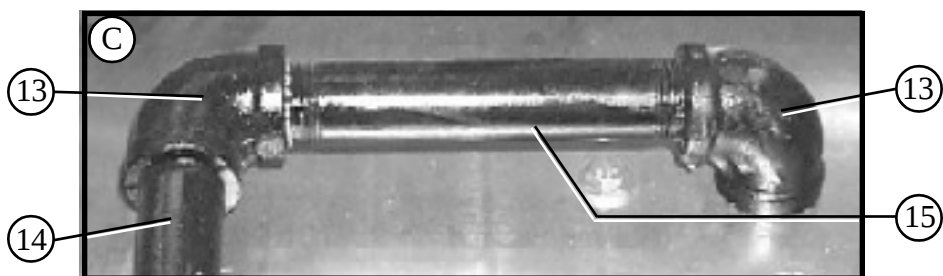
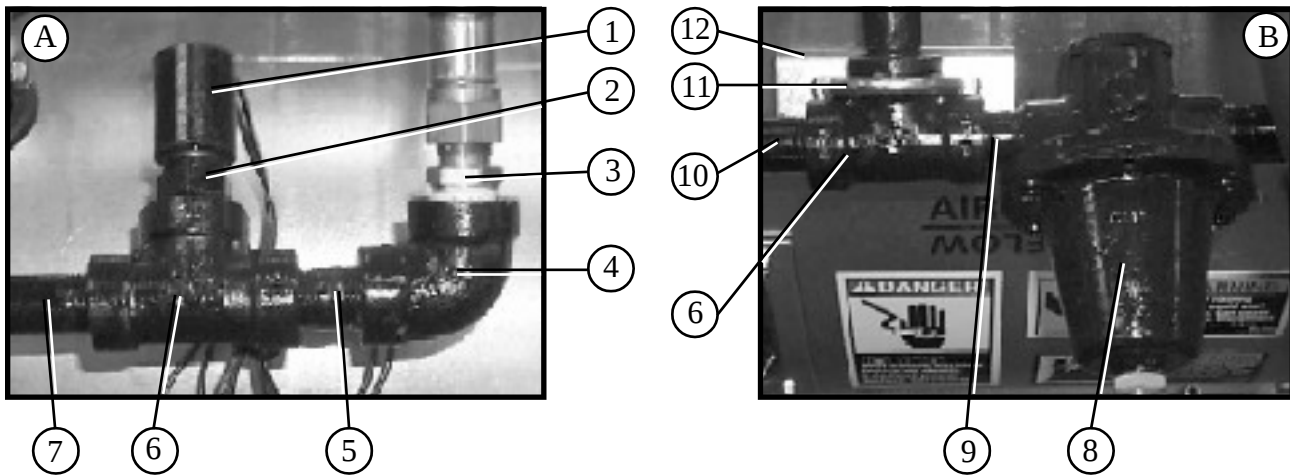
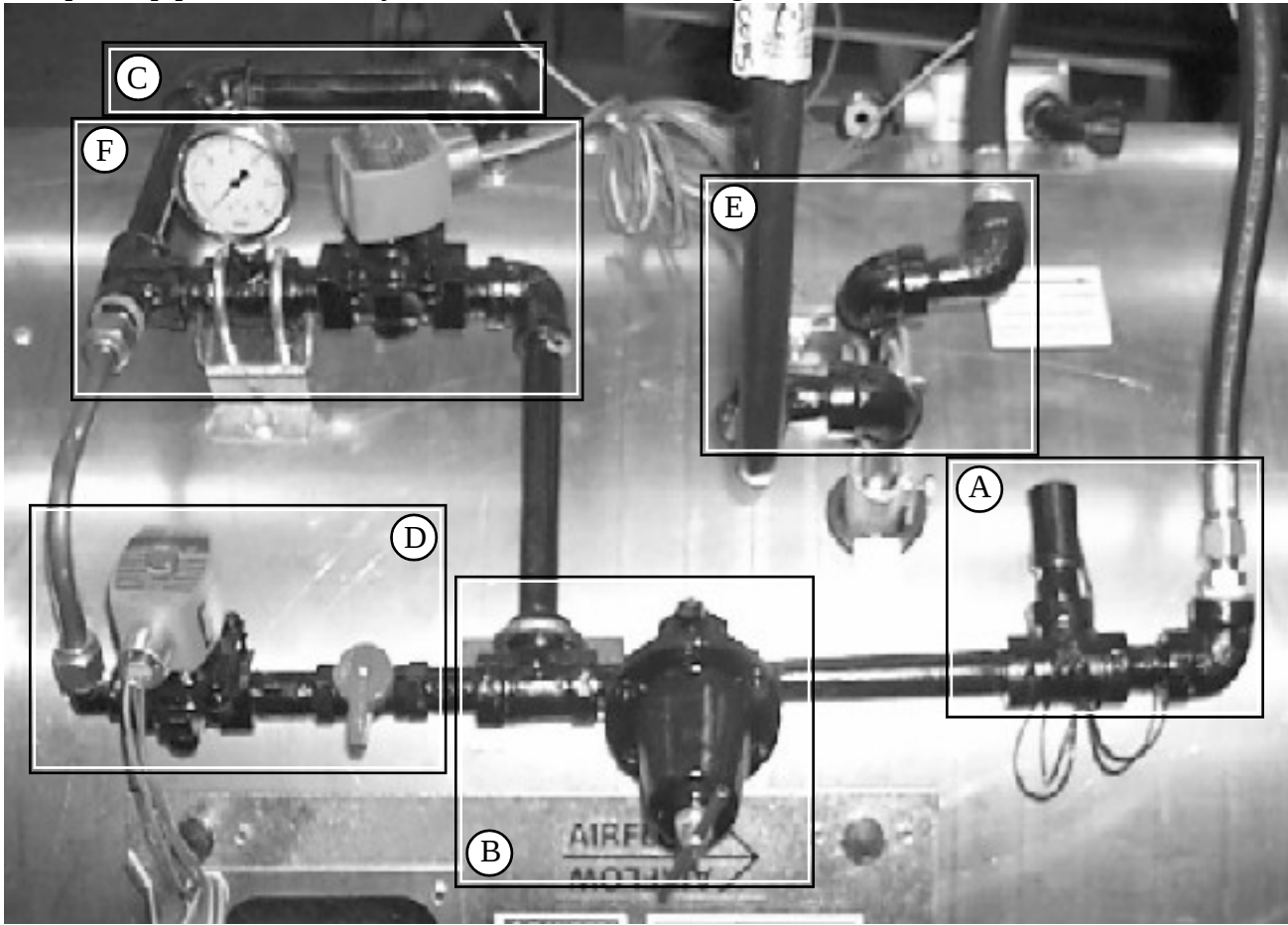
Reference Number	Part Number	Description	28" 12HP	36" 12HP	36" 15HP	40" 15HP	QTY 42" 20HP	42" 25HP	42" 30HP	42" 40HP
1	CD-0187	FLAME SENSOR BRACKET	1	1	1	1	1	1	1	1
2	THH-4179	FLAME SENSOR, 6" LONG	1	1	1	1	1	1	1	1
3	HH-7025	BOOT, 90 DEG. 8mm SILICONE	3	3	3	3	3	3	3	3
4	CD-0414	VAPORIZOR COIL, 28" FAN	1							
4	HF-7207	VAPORIZOR COIL, 36-42" FANS 10-17HP (L.P. ONLY)		1	1	1	1			
4	HF-7251	VAPORIZOR COIL, 40,42" FANS 25,30HP (L.P. ONLY)						1	1	
4	HF-7319	VAPORIZOR COIL, 42" FANS 40HP (L.P. ONLY)								1
5	HH-7054	BURNER CONE, 28" FAN (L.P. ONLY)	1							
5	HH-7056	BURNER CONE, 36-42" FANS (L.P. ONLY)		1	1	1	1	1	1	1
6	D01-0535	28" FAN HOUSING	1							
6	D01-1470	36" FAN HOUSING		1	1					
6	D01-1471	40" FAN HOUSING				1				
6	D01-1472	42" FAN HOUSING					1	1	1	1
7	HF-7204	DUAL PROBE IGNITOR BRACKET	1	1	1	1	1	1	1	1
8	HF-7201	DUAL PROBE IGNITOR CLAMP HALF	2	2	2	2	2	2	2	2
9	D01-0878	IGNITOR AIR DEFLECTOR ANGLE	1	1	1	1	1	1	1	1
10	CD-0238	IGNITOR	2	2	2	2	2	2	2	2
11	THF-3038P	DIVERTER BRACKET (PERFORATED) 36,40" FANS		4	4	4				
11	CD-0448P	DIVERTER BRACKET (PERFORATED) 42" FANS					4	4	4	4
12	THF-3144	FLAME SPREADER, 28" FANS	1							
12	THF-3057	FLAME SPREADER, 36-42" FANS		1	1	1	1	1	1	1
13	CD-0021	BURNER ASSEMBLY, 28" FAN	1							
13	CD-0091	BURNER WELDMENT, 36 & 40" FANS		1	1	1				
13	CD-0208	BURNER WELDMENT, 42" FANS					1	1	1	1
14	THF-3113	DIVERTER BRACKET 28" FAN	4							
14	THF-3038	DIVERTER BRACKET 36,40" FANS		3	3	3				
14	CD-0448	DIVERTER BRACKET 42" FANS					4	4	4	4
14A	THF-3039	DIVERTER BRACKET W/IGNITOR CUT-OUT		1	1	1				
15	THF-3141	BURNER GUN, 28" FANS	1							
15	THF-3051	BURNER GUN, 36-42" FANS		1	1	1	1	1	1	1
16	THH-4064	UNILET CONDUIT BOX, TYPE LRL	1	1	1	1	1	1	1	1
16	TFC-0076	NEOPRENE GASKET, CONDUIT BODY	1	1	1	1	1	1	1	1
17	D01-1473	HOUSING HIGH LIMIT PLATE	1	1	1	1	1	1	1	1
18	THH-4020	200 DEG. HIGH LIMIT SWITCH, MANUAL RESET	1	1	1	1	1	1	1	1

100 Series Parts Manual

Fan-Heaters

28" L.P. Pipe Train Assembly

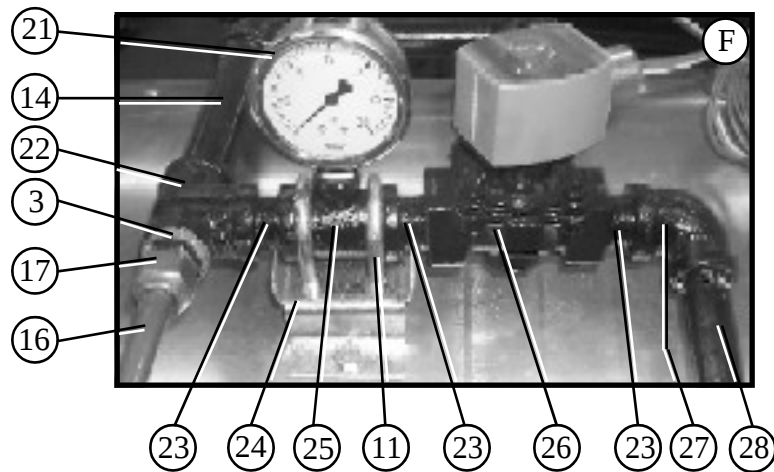
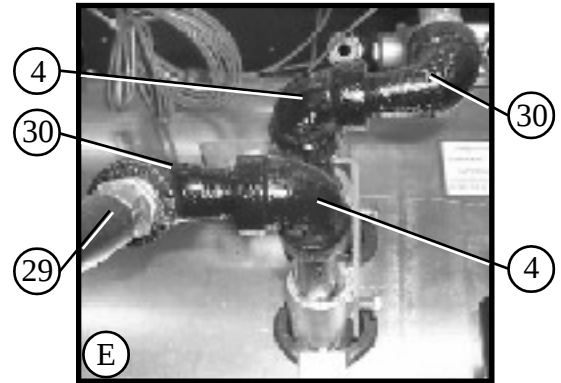
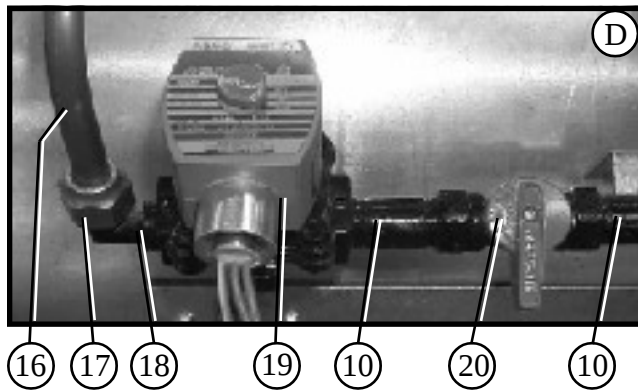
Completed pipe train assembly installed on heater housing.



100 Series Parts Manual

Fan-Heaters

28" L.P. Pipe Train Assembly



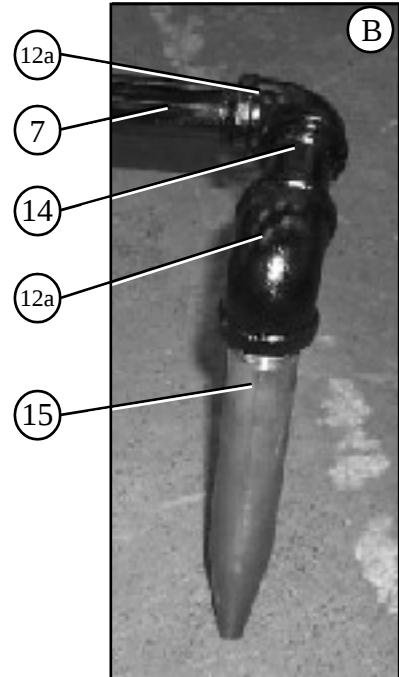
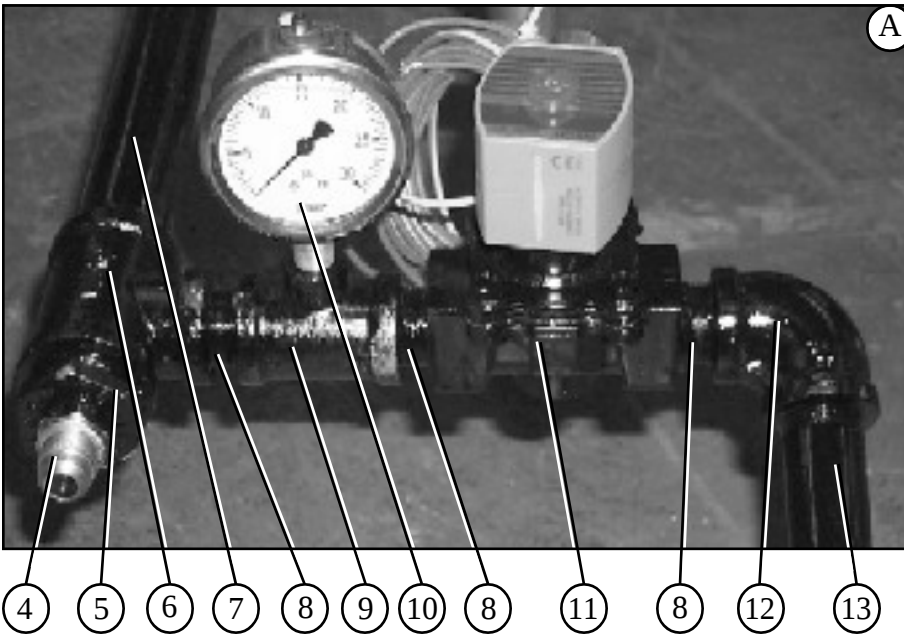
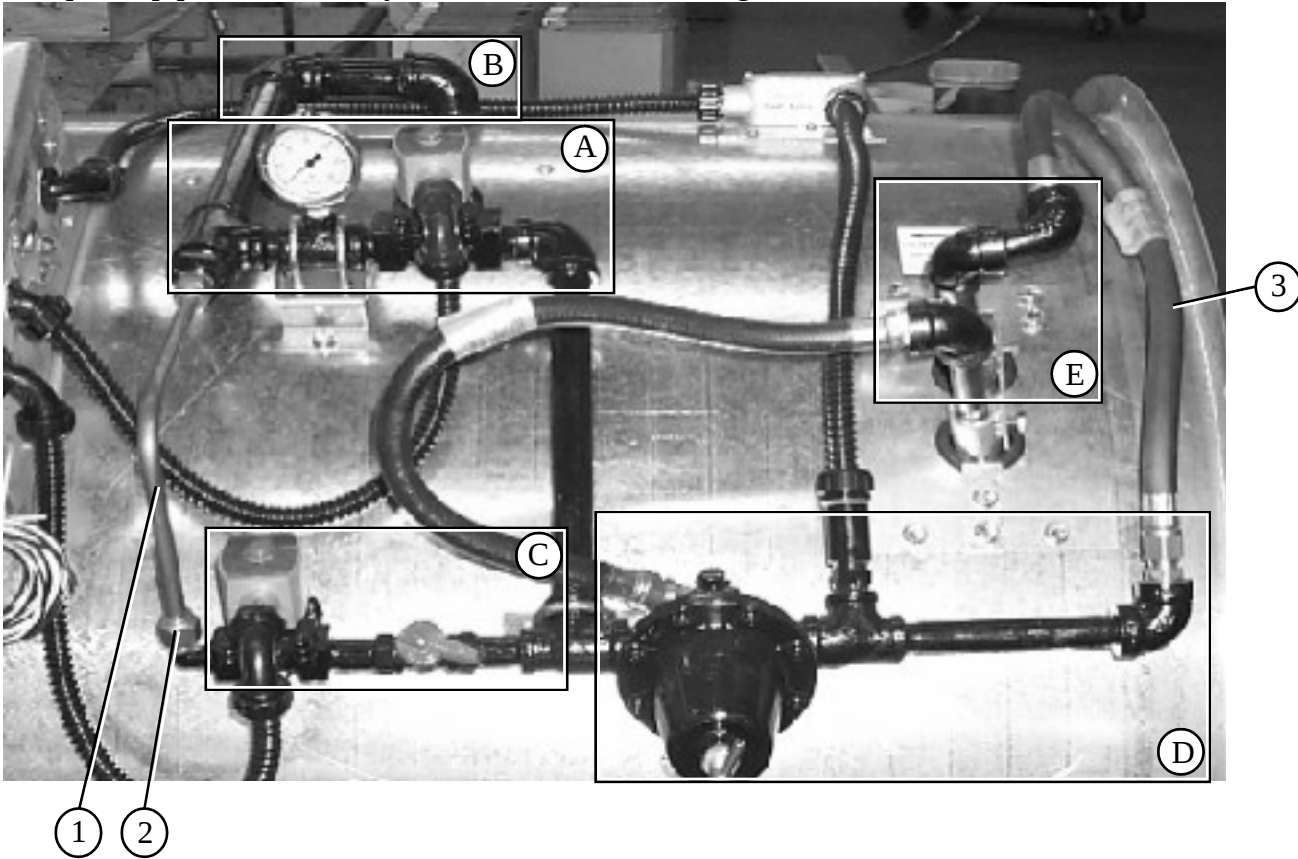
Reference Number	Part Number	Description	28" LP FANS
1	D67-0005	1/2" COUPLER SCH 40	1
2	HH-7013	VAPOR HI-LIMIT	1
3	HH-1254	CONNECTOR, UI-8D MALE FLARE	2
4	HH-4847	ELBOW, 1/2"-90 SCH 80	1
5	D07-0019	NIPPLE, 1/2" x 1 1/2" SCH 80	1
6	THH-4058	TEE, 1/2" x 1/2" x 1/2" SCH 80	2
7	HH-3854	NIPPLE, 1/2" x 6" SCH 80	1
8	TFC-0023	REGULATOR, 1/2" NPT	1
9	HH-2029	NIPPLE, 1/2" x 1 1/2" SCH 40	1
10	THH-4128	NIPPLE, 1/2" x 2" SCH 40	2
11	S-7259	U-BOLT, 5/16-18 x 1.5"	3
12	CD-0044	PIPE TRAIN SUPPORT BRACKET	1
13	THH-4120	ELBOW, 3/4" - 90 SCH 40	2
14	D03-0241	NIPPLE, 3/4" x 8" SCH 40	1
15	D08-0020	NIPPLE, 3/4" x 6" SCH 40	1
16	CT-0050	TUBING, 1/2" COPPER	1ft
17	HH-1255	NUT, 1/2" BRASS FLARE	2
18	HH-1932	ELBOW, 1/2" PIPE - 1/2" FLARE	1
19	TFC-0032	VALVE, 1/2" NPT SOLENOID	1
20	TFC-0030	VALVE, 1/2" NPT BALL	1
21	HH-2984	GUAGE, 0-30PSI	1
22	D18-0002	TEE, 3/4" x 1/2" x 3/4" SCH 40	1
23	THH-4121	NIPPLE, 3/4" CLOSE SCH 40	3
24	CD-0179	PIPE TRAIN SADDLE BRACKET	1
25	THH-4154	TEE, 3/4" x 3/4" x 1/4" SCH 40	1
26	TFC-0081	VALVE, 3/4" NPT SOLENOID	1
27	THH-4149	ELBOW, 3/4" - 1/2" REDUCER	1
28	HH-6502	NIPPLE, 1/2" x 7" SCH 40	1
29	TFC-0095	HOSE, 1/2" x 24", LP GAS	2
30	HH-1082	ELBOW, 1/2"-90 STREET SCH 80	2
NOT SHOWN	THF-3241	ORIFICE	1

100 Series Parts Manual

Fan-Heaters

36 L.P. Pipe Train Assembly

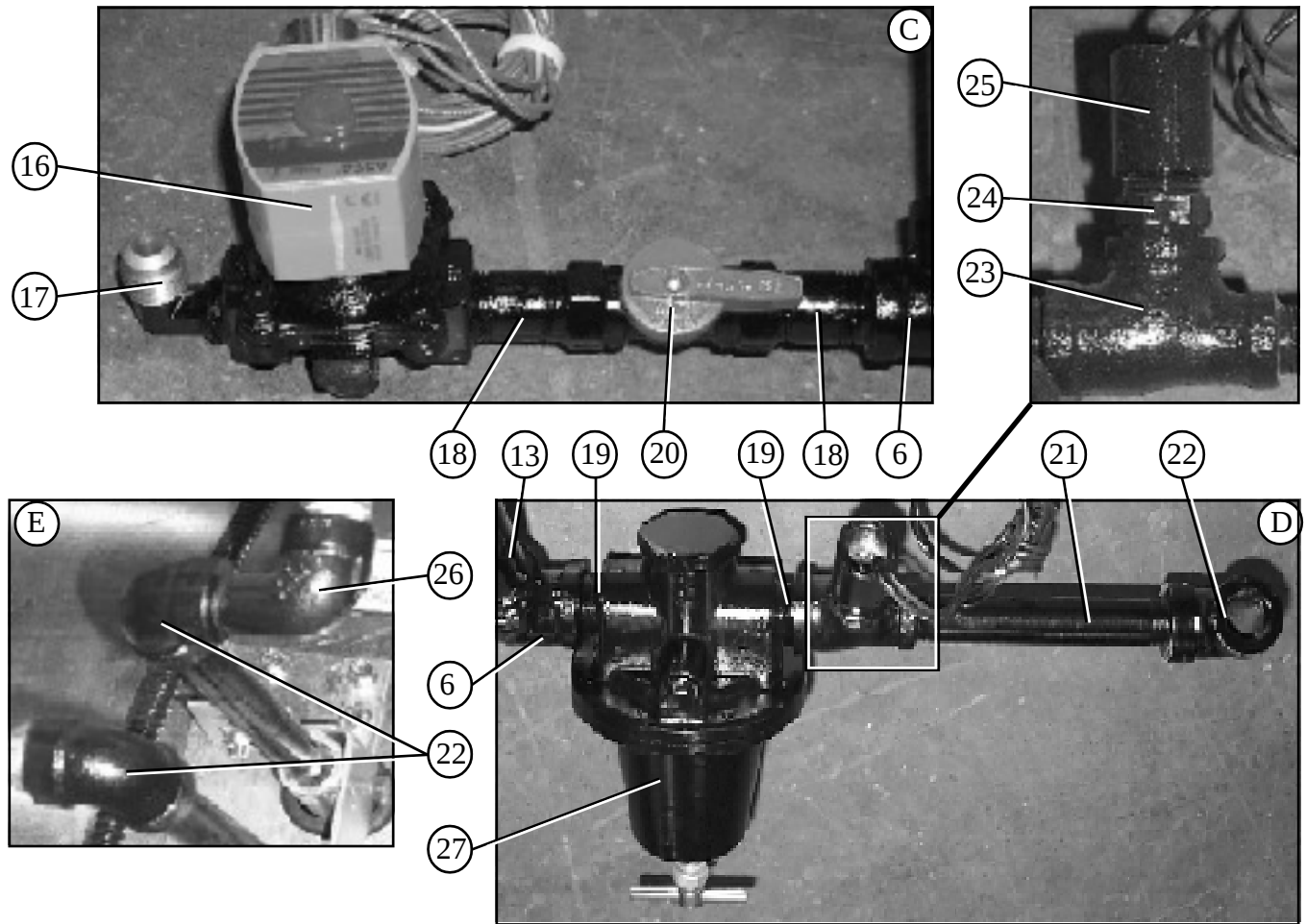
Completed pipe train assembly installed on heater housing.



100 Series Parts Manual

Fan-Heaters

36 L.P. Pipe Train Assembly



Reference Number	Part Number	Description	36" LP FANS
1	CT-0050	TUBING, 1/2" COPPER	1 ft
2	HH-1255	NUT, 1/2" BRASS FORGED FLARE	2
3	TFC-0095	HOSE, 1/2" x 24", LP	2
4	HH-1254	CONNECTOR, UI-8D MALE FLARE	1
5	D07-0028	REDUCER, 3/4"-1/2" HEX BUSHING	1
6	D18-0002	TEE, 3/4" x 1/2" x 3/4" SCH. 40 BLACK	2
7	D03-0241	NIPPLE, 3/4" x 8" SCH 40 BLACK	1
8	THH-4121	NIPPLE, 3/4" CLOSE SCH 40 BLACK	4
9	THH-4154	TEE, 3/4" x 3/4" x 1/4" SCH 40 BLACK	1
10	HH-2984	GUAGE, 0-30 psi LP	1
11	TFC-0081	VALVE, 3/4" NPT SOLENOID	1
12	THH-4120	ELBOW, 3/4" x 90 DEG. SCH 40 BLACK	3
13	D07-0029	NIPPLE, 3/4" x 11" SCH 40 BLACK	1
14	D08-0018	NIPPLE, 3/4" x 4" SCH 40 BLACK	1
* 15	THF-3242	ORIFICE, 36" FAN w/12 hp MOTOR	1
* 15	CD-0150	ORIFICE, 36" FAN w/15 hp MOTOR	1
16	TFC-0032	VALVE, 1/2" NPT SOLENOID	1
17	HH-1932	ELBOW, 1/2" PIPE / 1/2" FLARE BRASS	1
18	THH-4128	NIPPLE, 1/2" x 2" SCH 40 BLACK	2
19	D67-0021	NIPPLE, 3/4" CLOSE SCH 80 BLACK	1
20	TFC-0030	VALVE, 1/2" NPT BALL BRONZE	1
21	HH-3854	NIPPLE, 1/2" x 6" SCH 80 BLACK	1
22	HH-4847	ELBOW, 1/2" x 90 DEG. SCH 80 BLACK	3
23	HF-7225	TEE, 3/4" x 1/2" x 1/2"	1
24	HH-7013	SWITCH, VAPOR HI-LIMIT	1
25	D67-0005	COUPLER, 1/2" SCH. 40 BLACK	1
26	HH-1082	ELBOW, 1/2" x 90 DEG. STREET SCH 80 BLACK	1
27	TFC-0020	REGULATOR, 3/4"	1

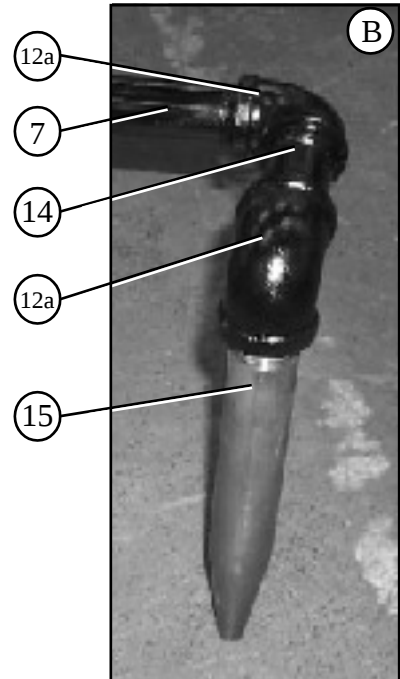
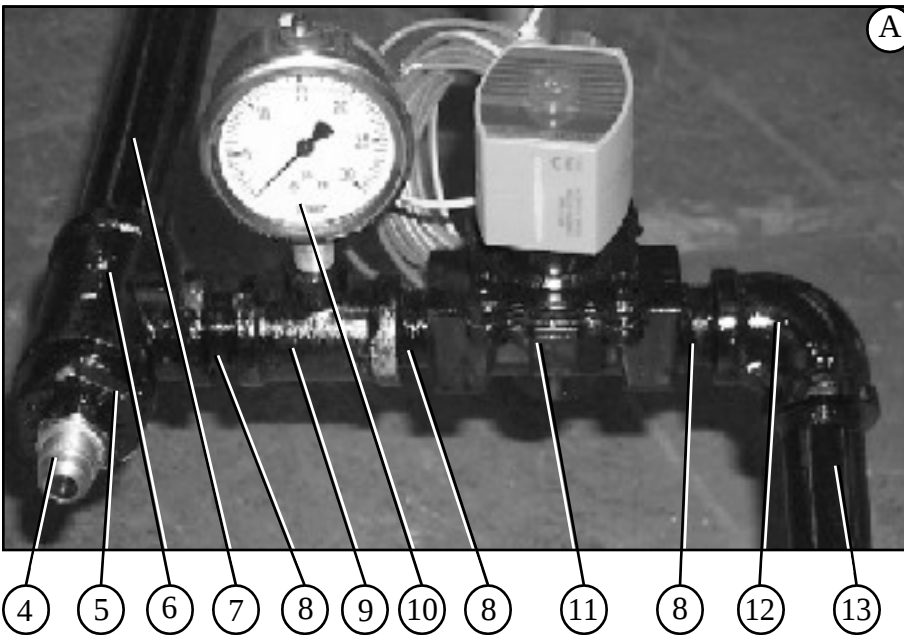
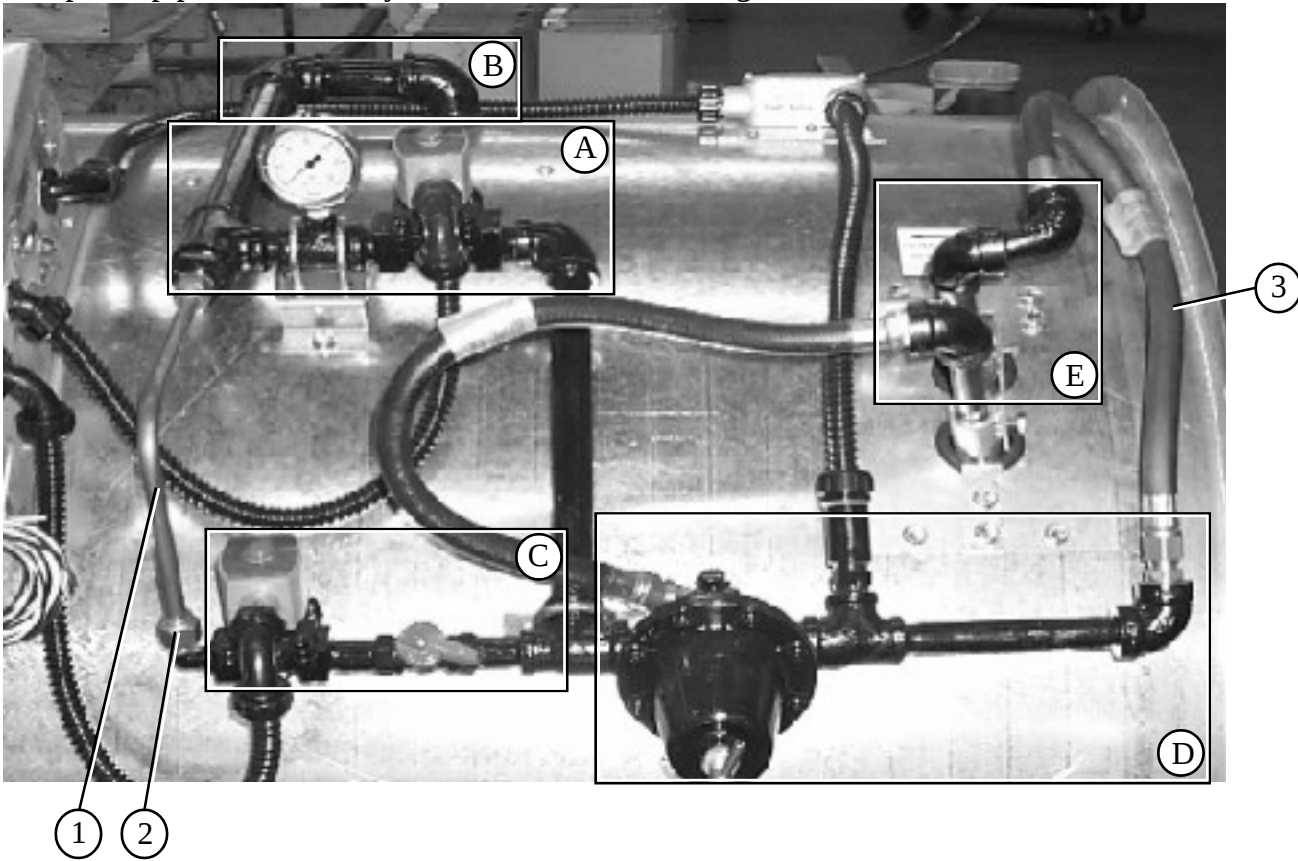
* When choosing orifice size for replacement be sure to observe the horsepower of the fan motor.

100 Series Parts Manual

Fan-Heaters

40 & 42" w/15 & 20 hp motor L.P. Pipe Train Assembly

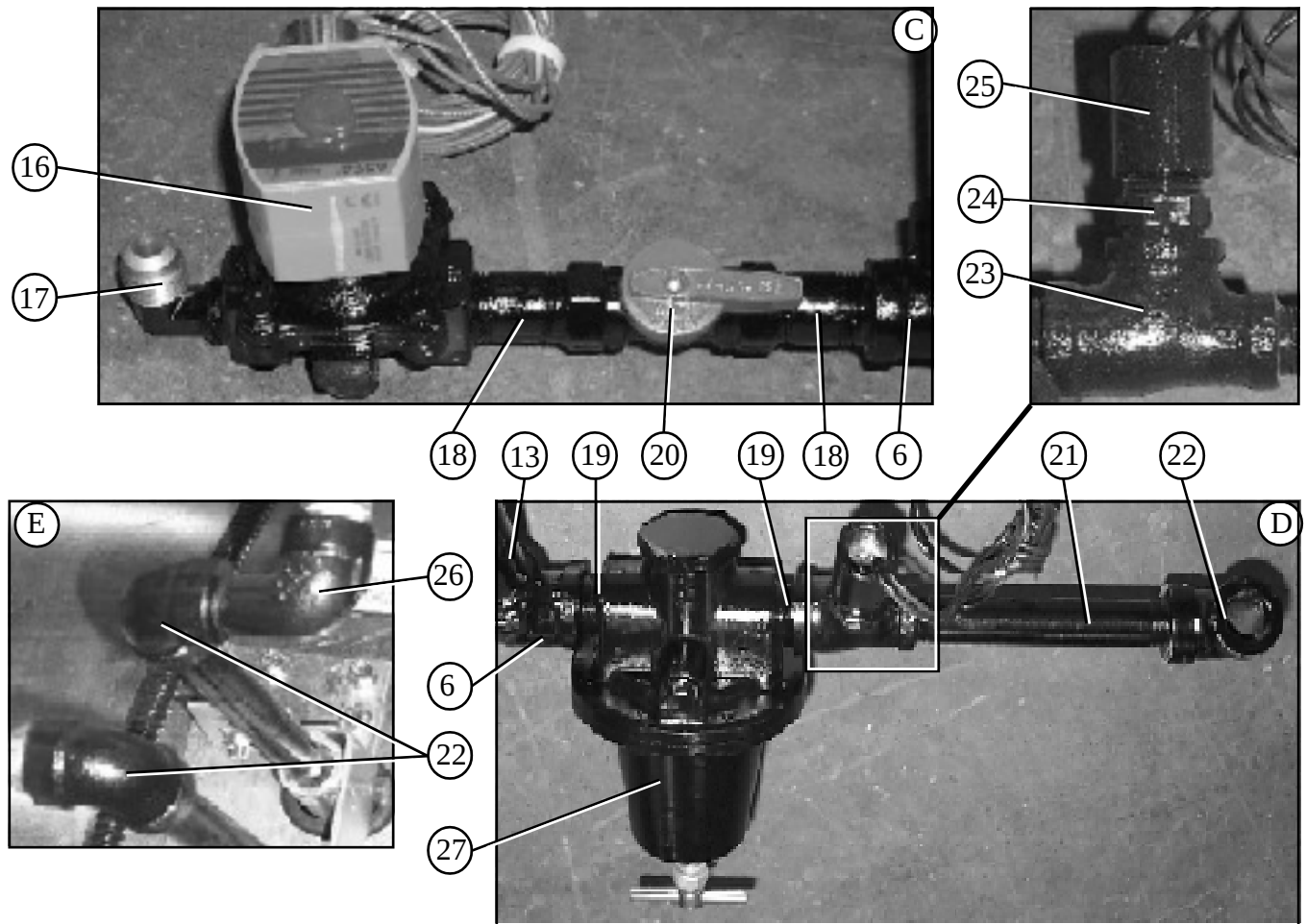
Completed pipe train assembly installed on heater housing.



100 Series Parts Manual

Fan-Heaters

40 & 42" w/15 & 20 hp motor L.P. Pipe Train Assembly



Reference Number	Part Number	Description	40" 15HP LP FANS
1	CT-0050	TUBING, 1/2" COPPER	1 ft
2	HH-1255	NUT, 1/2" BRASS FORGED FLARE	2
3	TFC-0095	HOSE, 1/2" x 24", LP	2
4	HH-1254	CONNECTOR, UI-8D MALE FLARE	1
5	THH-4005	REDUCER, 1"-1/2" HEX BUSHING	1
6	D08-0017	TEE, 1" x 1" x 3/4" SCH. 40 BLACK	2
7	D01-1778	NIPPLE, 1" x 10 1/4" SCH 40 BLACK	1
8	THH-4121	NIPPLE, 3/4" CLOSE SCH 40 BLACK	4
9	THH-4154	TEE, 3/4" x 3/4" x 1/4" SCH 40 BLACK	1
10	HH-2984	GUAGE, 0-30 psi LP	1
11	TFC-0081	VALVE, 3/4" NPT SOLENOID	1
12	THH-4120	ELBOW, 3/4" x 90 DEG. SCH 40 BLACK	1
12a	THH-4115	ELBOW, 1" x 90 DEG. SCH 40 BLACK	2
13	D07-0029	NIPPLE, 3/4" x 11" SCH 40 BLACK	1
14	THH-4151	NIPPLE, 1" x 3" SCH 40 BLACK	1
* 15	THF-3058	ORIFICE, 40-42" 15HP FANS	1
* 15	THF-3247	ORIFICE, 42" FANS w/20 hp MOTORS	1
16	TFC-0032	VALVE, 1/2" NPT SOLENOID	1
17	HH-1932	ELBOW, 1/2" PIPE / 1/2" FLARE BRASS	1
18	THH-4128	NIPPLE, 1/2" x 2" SCH 40 BLACK	2
19	D67-0021	NIPPLE, 3/4" CLOSE SCH 80 BLACK	1
20	TFC-0030	VALVE, 1/2" NPT BALL BRONZE	1
21	HH-3854	NIPPLE, 1/2" x 6" SCH 80 BLACK	1
22	HH-4847	ELBOW, 1/2" x 90 DEG. SCH 80 BLACK	3
23	HF-7225	TEE, 3/4" x 1/2" x 1/2"	1
24	HH-7013	SWITCH, VAPOR HI-LIMIT	1
25	D67-0005	COUPLER, 1/2" SCH. 40 BLACK	1
26	HH-1082	ELBOW, 1/2" x 90 DEG. STREET SCH 80 BLACK	1
27	TFC-0020	REGULATOR, 3/4"	1

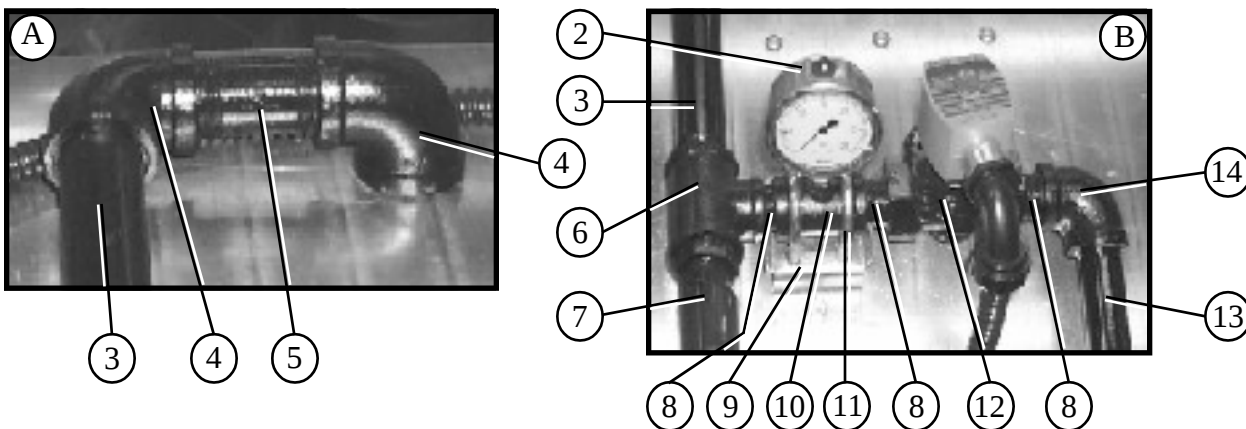
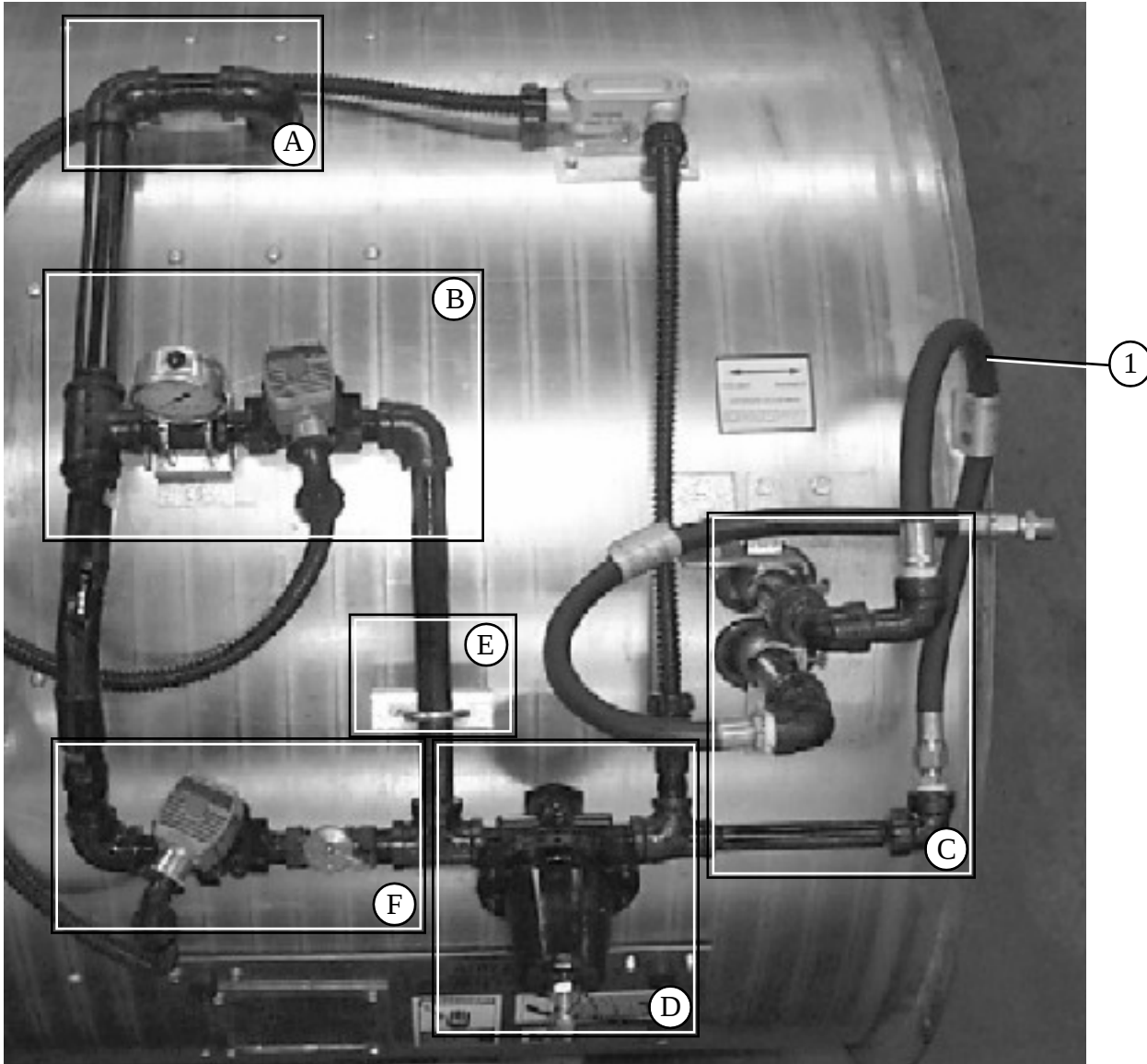
* When choosing orifice size for replacement be sure to observe the horsepower of the fan motor.

100 Series Parts Manual

Fan-Heaters

42" w/25, 30 or 40 hp motor L.P. Pipe Train Assembly

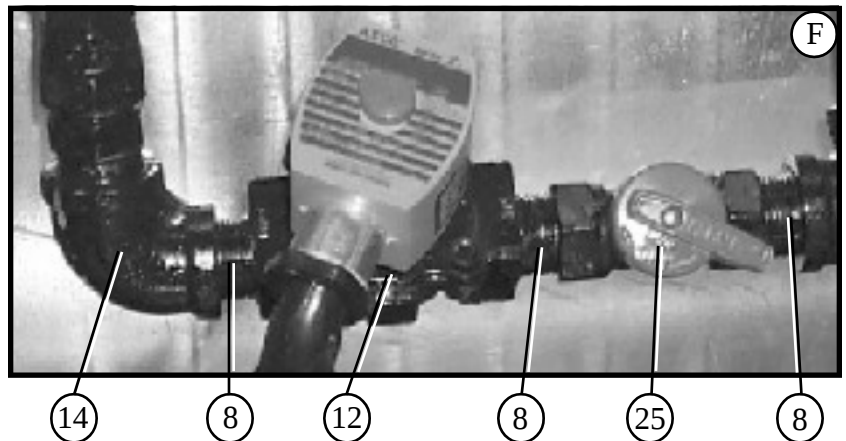
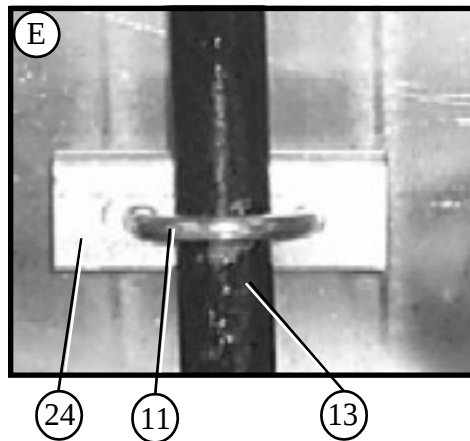
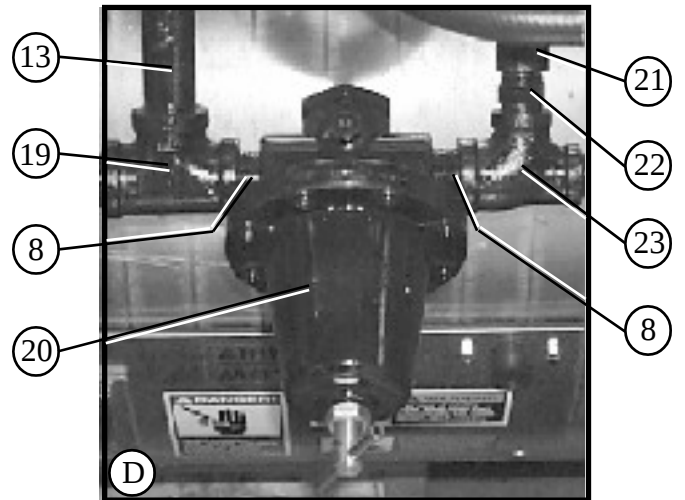
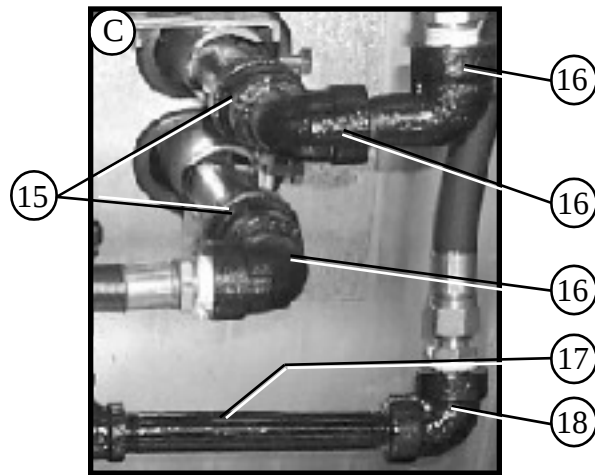
Completed pipe train assembly installed on heater housing.



100 Series Parts Manual

Fan-Heaters

42" w/25, 30 or 40 hp motor L.P. Pipe Train Assembly



Reference Number	Part Number	Description	42" LP FANS
1	TFC-0095	HOSE, 1/2" x 24"	2
2	HH-2984	GUAGE, 0-30psi	1
3	D01-1778	NIPPLE, 1" x 10 1/4" SCH 40	1
4	THH-4115	ELBOW, 1" 90 SCH 40	2
5	THH-4151	NIPPLE, 1" x 3" SCH 40	1
6	D08-0017	TEE, 1" x 1" x 3/4" SCH 40	1
7	D03-0291	HOSE, 3/4" x 11"	1
8	THH-4121	NIPPLE, 3/4" CLOSE SCH 40	8
9	CD-0179	PIPE TRAIN SADDLE BRACKET	1
10	THH-4154	TEE, 3/4" x 3/4" x 1/4" SCH 40	1
11	S-7259	U-BOLT 5/16"-18 x 1 1/2"	3
12	TFC-0081	VALVE, 3/4" NPT SOLENOID	2
13	D07-0029	NIPPLE, 3/4" x 11" SCH 40	1
14	THH-4120	ELBOW, 3/4" 90 SCH 40	2
15	007-1930-2	BELL REDUCER 3/4" x 1/2" SCH 80	2
16	HH-1082	ELBOW, 1/2" 90 STREET SCH 80	3
17	HH-3854	NIPPLE, 1/2" x 6" SCH 80	1
18	HH-4847	ELBOW, 1/2" 90 SCH 80	1
19	THH-4124	TEE, 3/4" x 3/4" x 3/4" SCH 40	1
20	TFC-0020	REGULATOR 3/4"	1
21	D67-0005	COUPLER, 1/2" SCH 40	1
22	HH-7013	VAPOR HI-LIMIT SWITCH	1
23	HF-7225	TEE, 3/4" x 1/2" x 1/2"	1
24	CD-0044	PIPE TRAIN SUPPORT BRACKET	1
25	TFC-0051	VALVE, 3/4" NPT BALL	1
* NOT SHOWN	THF-3249	ORIFICE, 25 hp MOTOR FANS	1
* NOT SHOWN	THF-3059	ORIFICE, 30 hp MOTOR FANS	1
* NOT SHOWN	THF-3252	ORIFICE, 40 hp MOTOR FANS	1

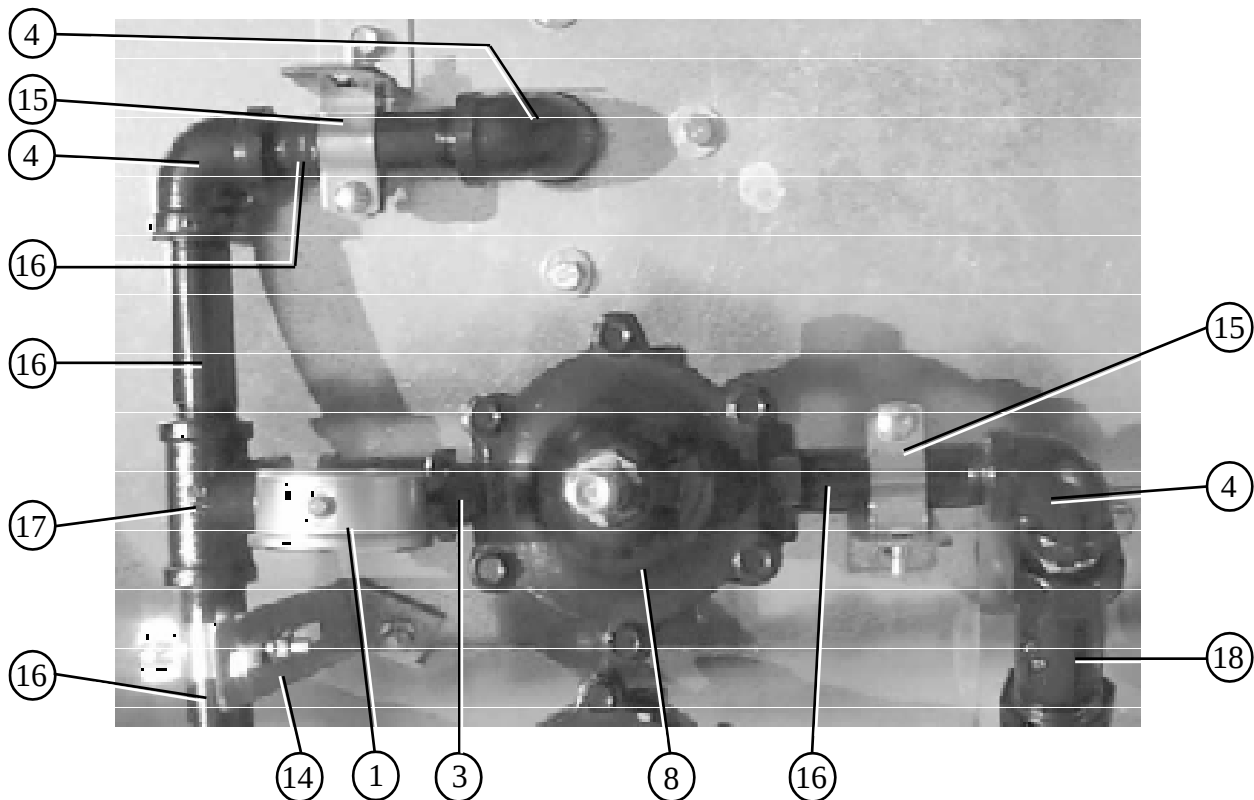
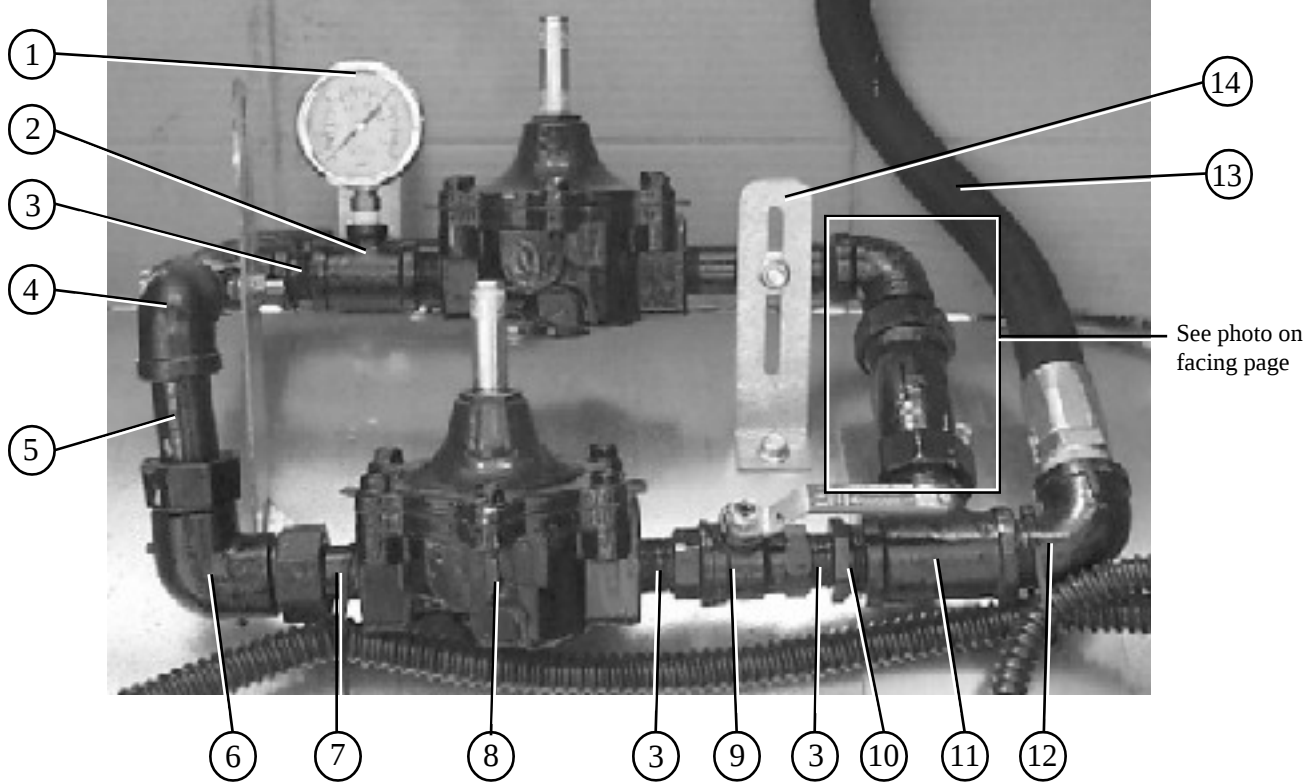
* When choosing orifice size for replacement be sure to observe the horsepower of the fan motor.

100 Series Parts Manual

Fan-Heaters

28" Natural Gas Pipe Train Assembly

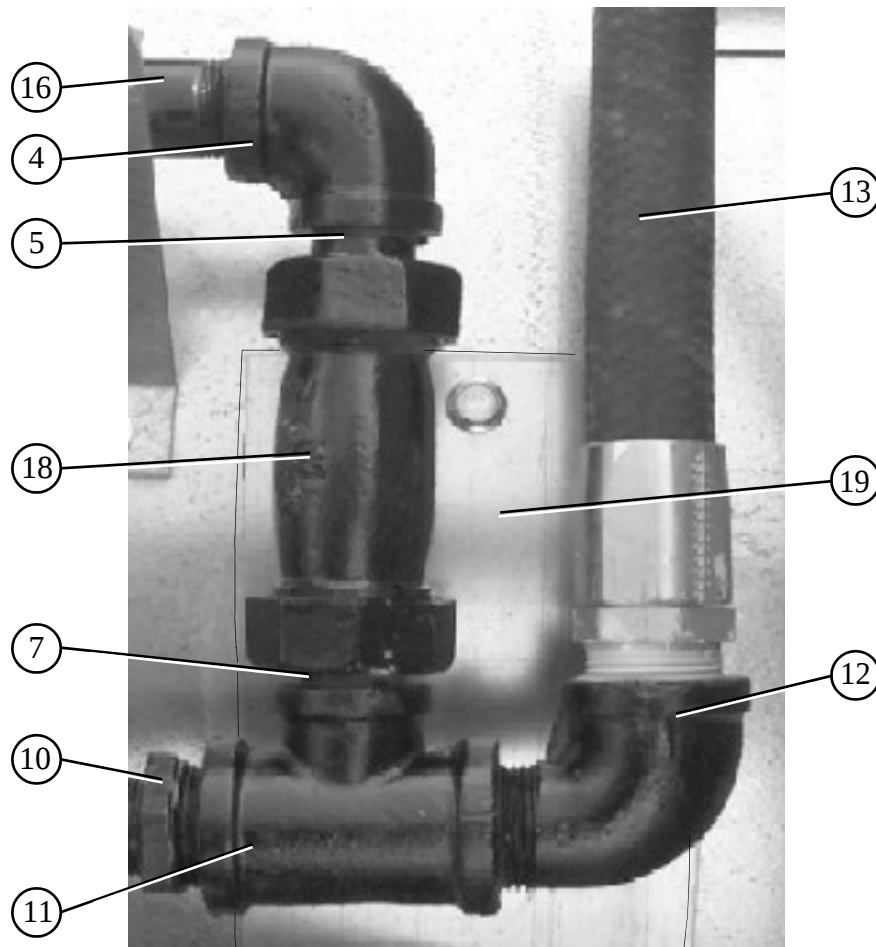
Completed pipe train assembly installed on heater housing (solenoid coils removed for photo).



100 Series Parts Manual

Fan-Heaters

28" Natural Gas Pipe Train Assembly



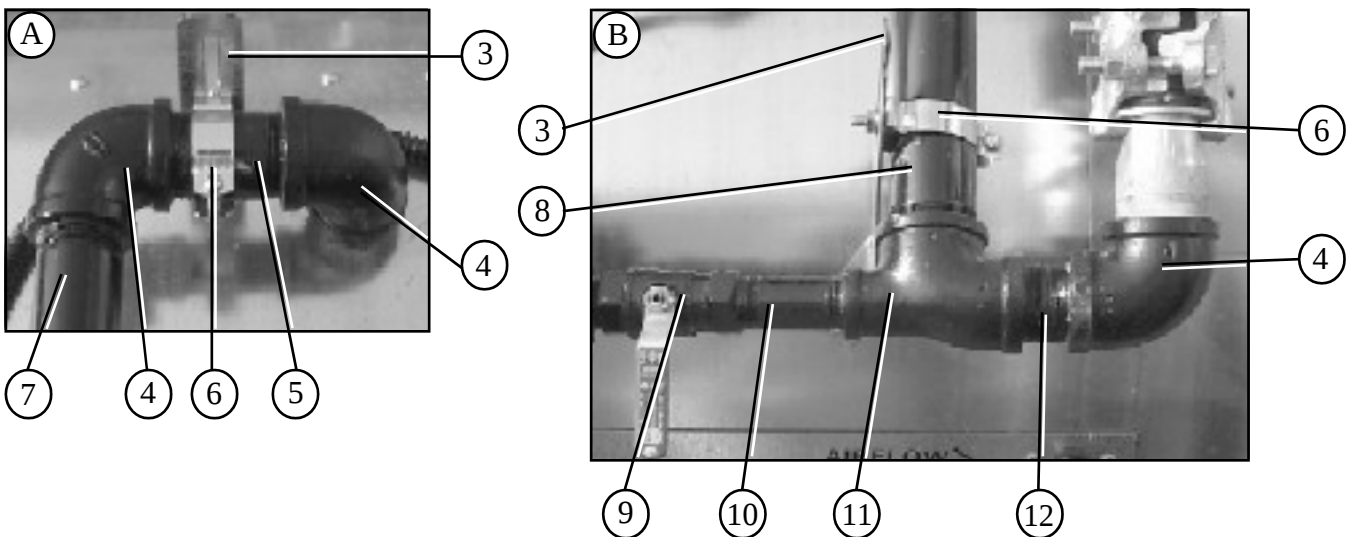
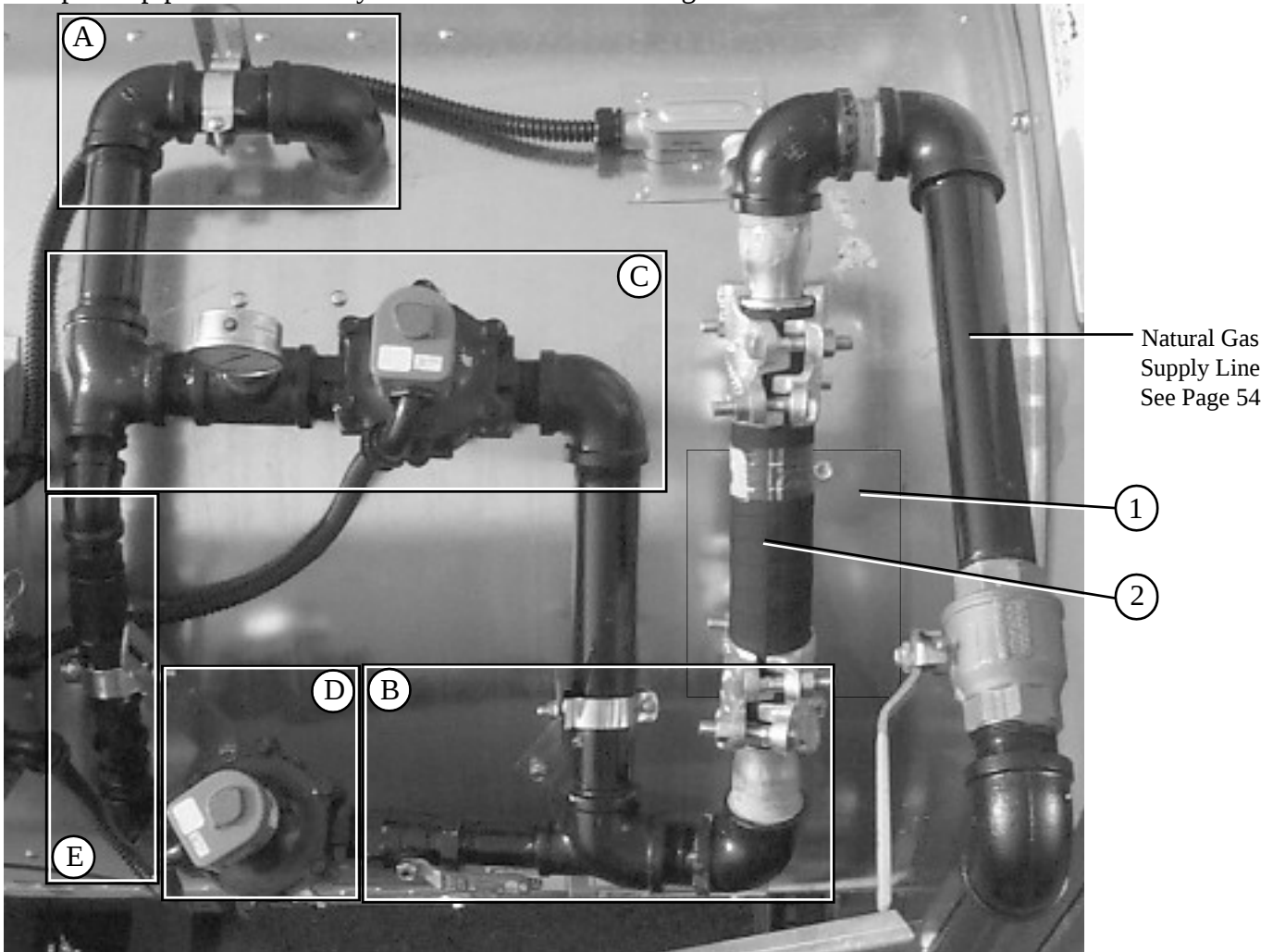
Reference Number	Part Number	Description	28" NG FANS
1	D08-0022	GUAGE, 0-15psi	1
2	THH-4154	TEE, 3/4" x 3/4" x 1/4" SCH 40	1
3	THH-4121	NIPPLE, 3/4" CLOSE SCH 40	4
4	THH-4120	ELBOW, 3/4" 90 SCH 40	4
5	D01-1504	NIPPLE, 3/4" x 3" NPT ONE END	2
6	D58-0004	ELBOW, 3/4" #65 DRESSER SCH 40	1
7	D01-1503	NIPPLE, 3/4" x 2 1/2" NPT ONE END	2
8	TFC-0033	VALVE, 3/4" NPT SOLENOID	2
9	D58-0002	VALVE, 3/4" BALL SHUTOFF	1
10	D08-0003	REDUCER, 1"-3/4" HEX BUSHING	1
11	D08-0017	TEE, 1"x 1" x 3/4" SCH 40	1
12	THH-4161	ELBOW, 1" 90 STREET	1
13	D68-0007	HOSE, 1" x 36"	1
14	TF-1239	ANGLED PIPE TRAIN BRACKET	1
15	D62-0005	CLAMP, 3/4"	3
16	D08-0018	NIPPLE, 3/4" x 4" SCH 40	4
17	THH-4124	TEE, 3/4" x 3/4" x 3/4" SCH 40	1
18	D58-0003	COUPLER, 3/4" #65 DRESSER SCH 40	1
19	THF-3237	VAPORIZER HOLE COVER	1

100 Series Parts Manual

Fan-Heaters

36" Natural Gas Pipe Train Assembly

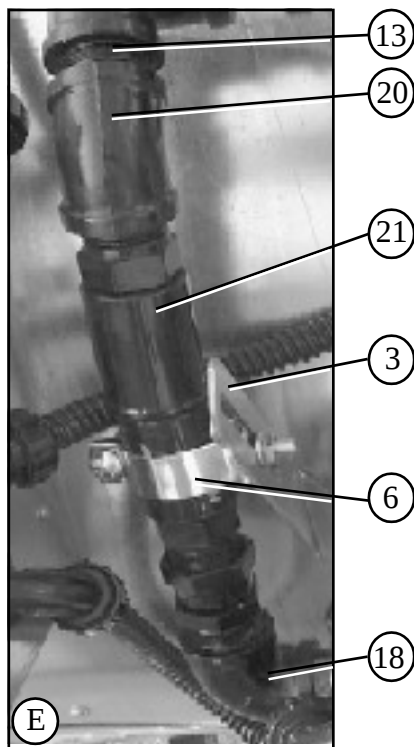
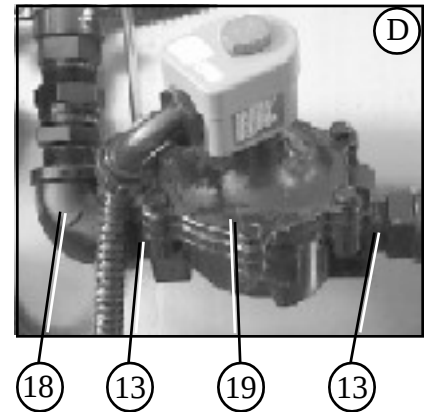
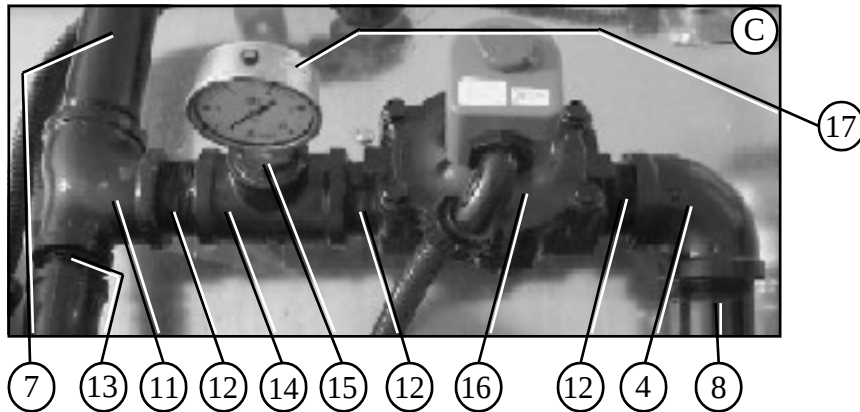
Completed pipe train assembly installed on heater housing.



100 Series Parts Manual

Fan-Heaters

36" Natural Gas Pipe Train Assembly



Reference Number	Part Number	Description	36" NG FANS
1	THF-3237	VAPORIZER HOLE COVER	1
2	D68-0019	HOSE, 1.25" x 36"	1
3	TF-1239	ANGLED PIPE TRAIN BRACKET	3
4	D08-0011	ELBOW, 1 1/2" 90 SCH 40	4
5	D08-0013	NIPPLE 1 1/2" x 3" SCH 40	1
6	S-6643	1 1/2" CLAMP	3
7	D08-0001	NIPPLE, 1 1/2" x 6" SCH 40	1
8	D03-0446	NIPPLE, 1 1/2" x 11 1/2" SCH 40	1
9	TFC-0093	VALVE, 1" NPT BRONZE BALL	1
10	THH-4151	NIPPLE, 1" x 3" SCH 40	1
11	D03-0445	TEE 1 1/2" x 1" x 1 1/2" SCH 40	2
12	D08-0009	NIPPLE, 1 1/2" CLOSE SCH 40	4
13	THH-4117	NIPPLE, 1" CLOSE SCH 40	3
14	D38-0001	TEE 1 1/2" x 1 1/2" X 1" SCH 40	1
15	THH-4001	RDCR 1" x 1/4" HEX BUSHING SCH 40	1
16	TF-1536	VALVE, 1 1/2" NPT SOLENOID	1
17	D08-0022	GUAGE, PRESSURE 0-15psi	1
18	THH-4115	ELBOW, 1" 90 SCH 40	1
19	TFC-0031	VALVE 1" NPT SOLENOID	1
20	HH-7038	ELBOW, 1" 45 SCH 40	1
21	D68-0020	HOSE, 1" x 11"	1
NOT SHOWN	GT3-0553	RDCR, HEX 1 1/2" x 3/4 SCH 40	1
* NOT SHOWN	THF-3242	ORIFICE, 36" FAN-HTR w/12 hp MOTOR	1
* NOT SHOWN	THF-3244	ORIFICE, 36" FAN-HTR w/15 hp MOTOR	1

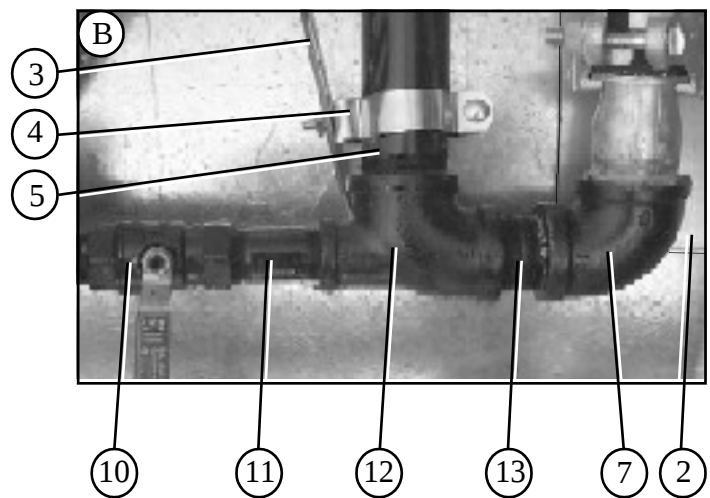
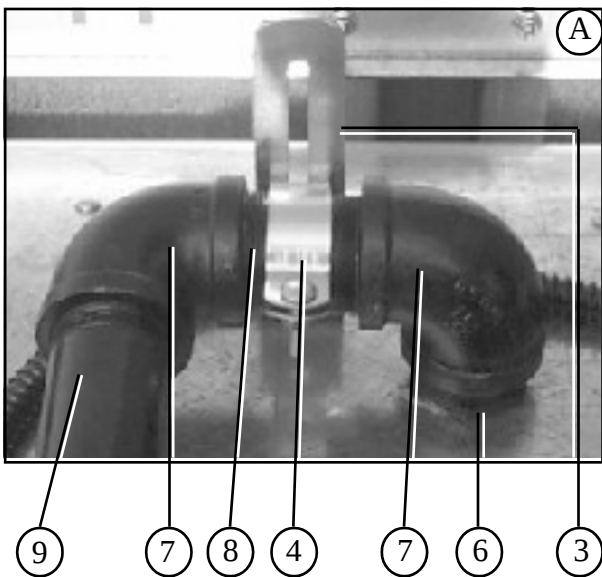
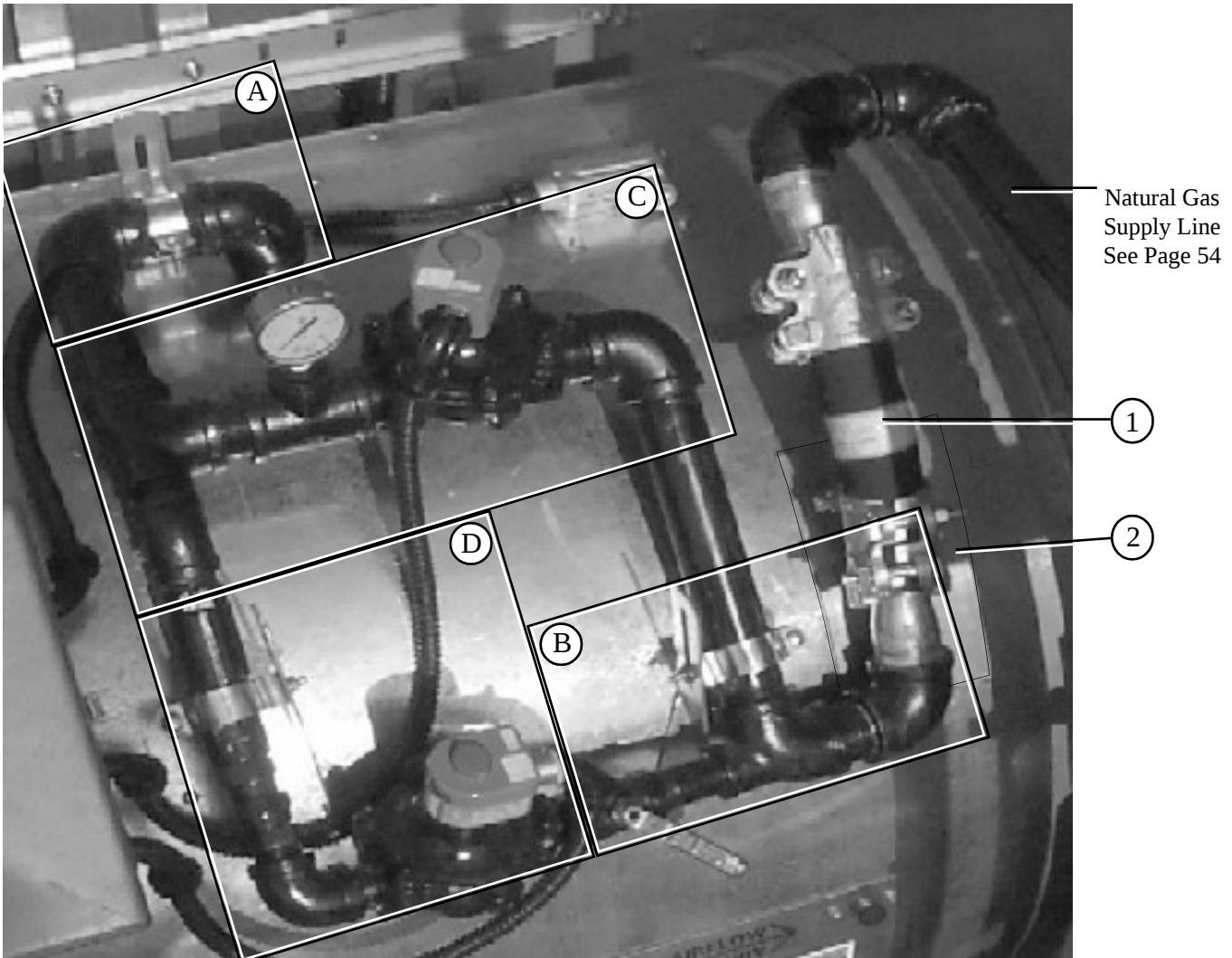
* When choosing orifice size for replacement be sure to observe the horsepower of the fan motor.

100 Series Parts Manual

Fan-Heaters

40, 42" Natural Gas Pipe Train Assembly

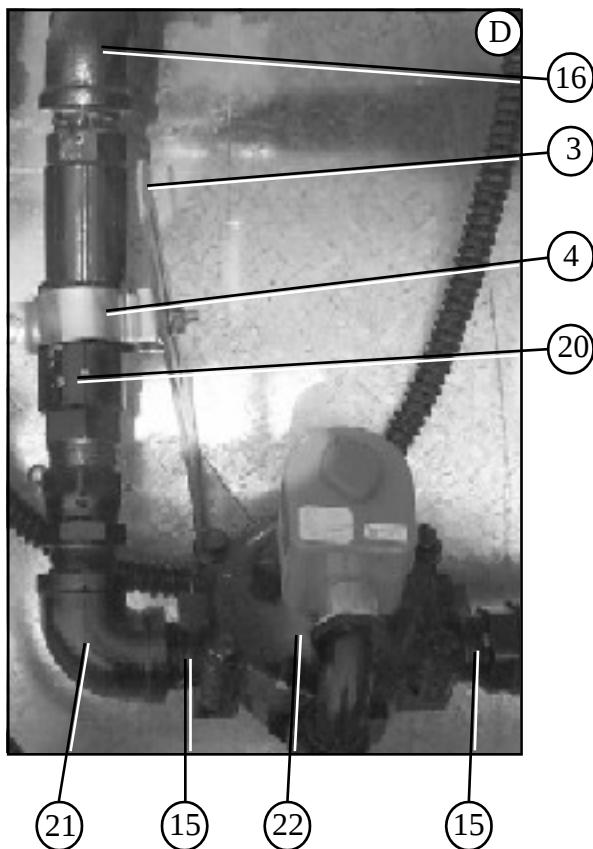
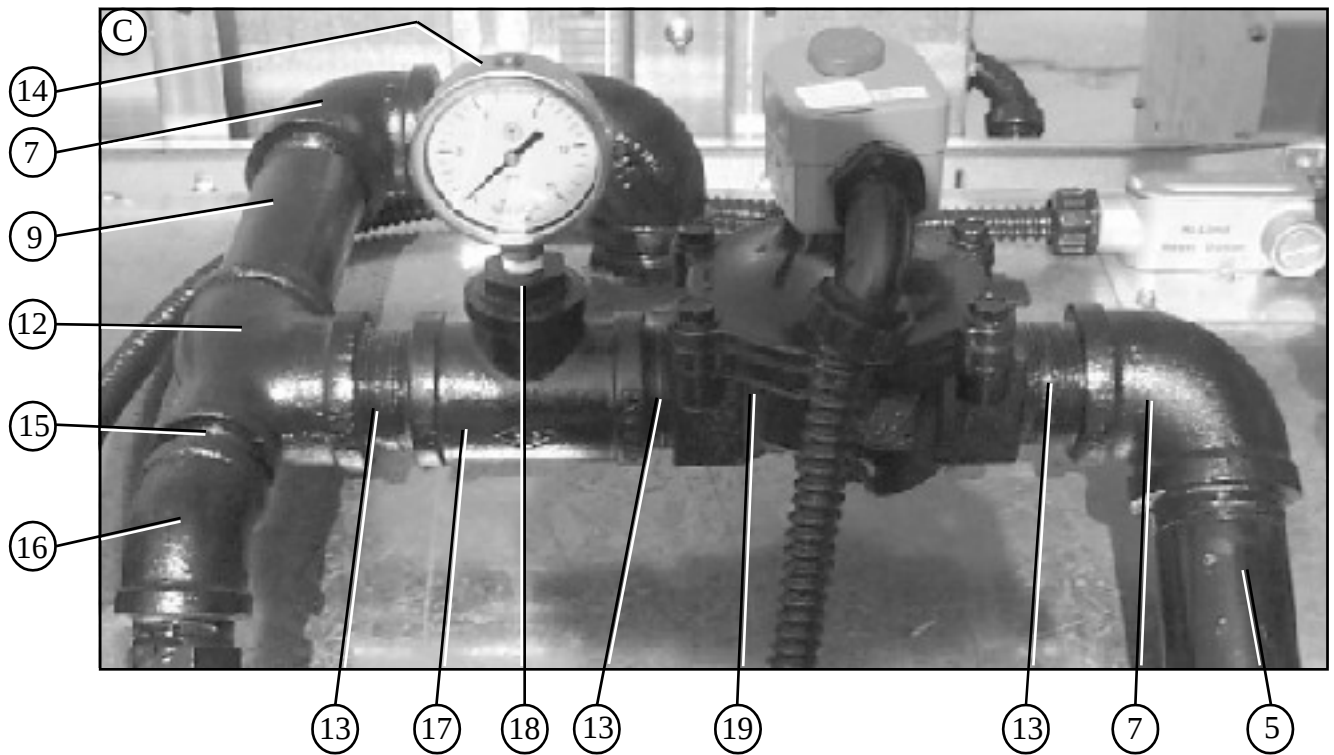
Completed pipe train assembly installed on heater housing.



100 Series Parts Manual

Fan-Heaters

40, 42" Natural Gas Pipe Train Assembly



Reference Number	Part Number	Description	40" & 42" NG FANS
1	D68-0019	HOSE, 1.25" x 36"	1
2	THF-3237	VAPORIZER HOLE COVER	1
3	TF-1239	ANGLED PIPE TRAIN BRACKET	3
4	S-6643	1 1/2" CLAMP	3
5	D03-0446	NIPPLE, 1 1/2" x 11 1/2" SCH 40	1
6	D08-0007	RDCR 1 1/2" x 1" HEX BUSHING	1
7	D08-0011	ELBOW, 1 1/2" 90 SCH 40	4
8	D08-0013	NIPPLE, 1 1/2" x 3" SCH 40	1
9	D08-0001	NIPPLE, 1 1/2" x 6" SCH 40	1
10	TFC-0093	VALVE, 1" NPT BRONZE BALL	1
11	THH-4151	NIPPLE, 1" x 3" SCH 40	1
12	D03-0445	TEE, 1 1/2" x 1" x 1 1/2" SCH 40	2
13	D08-0009	NIPPLE, 1 1/2" CLOSE SCH 40	4
14	D08-0022	GUAGE, 0-15 psi	1
15	THH-4117	NIPPLE, 1" CLOSE SCH 40	3
16	HH-7038	ELBOW, 1" 45 SCH 40	1
17	D38-0001	TEE, 1 1/2" x 1 1/2" x 1" SCH 40	1
18	THH-4001	RDCR, 1" x 1/4" HEX BUSHING SCH 40	1
19	TFC-0031	VALVE, 1 1/2" NPT SOLENOID	1
20	D68-0020	HOSE, 1" x 11"	1
21	THH-4115	ELBOW, 1" 90 SCH 40	1
22	TFC-0031	VALVE, 1" NPT SOLENOID	1
* NOT SHOWN	THF-3246	ORIFICE FOR 40" & 42" FAN-HTR w/15 hp MOTOR	1
* NOT SHOWN	THF-3248	ORIFICE FOR 40" & 42" FAN-HTR w/20 hp MOTOR	1
* NOT SHOWN	THF-3250	ORIFICE FOR 40" & 42" FAN-HTR w/25 hp MOTOR	1
* NOT SHOWN	THF-3251	ORIFICE FOR 40" & 42" FAN-HTR w/30 hp MOTOR	1
* NOT SHOWN	THF-3253	ORIFICE FOR 40" & 42" FAN-HTR w/40 hp MOTOR	1

* When choosing orifice size for replacement be sure to observe the horsepower of the fan motor.

100 Series Parts Manual

Fan-Heaters

28" Air Mixer Assembly

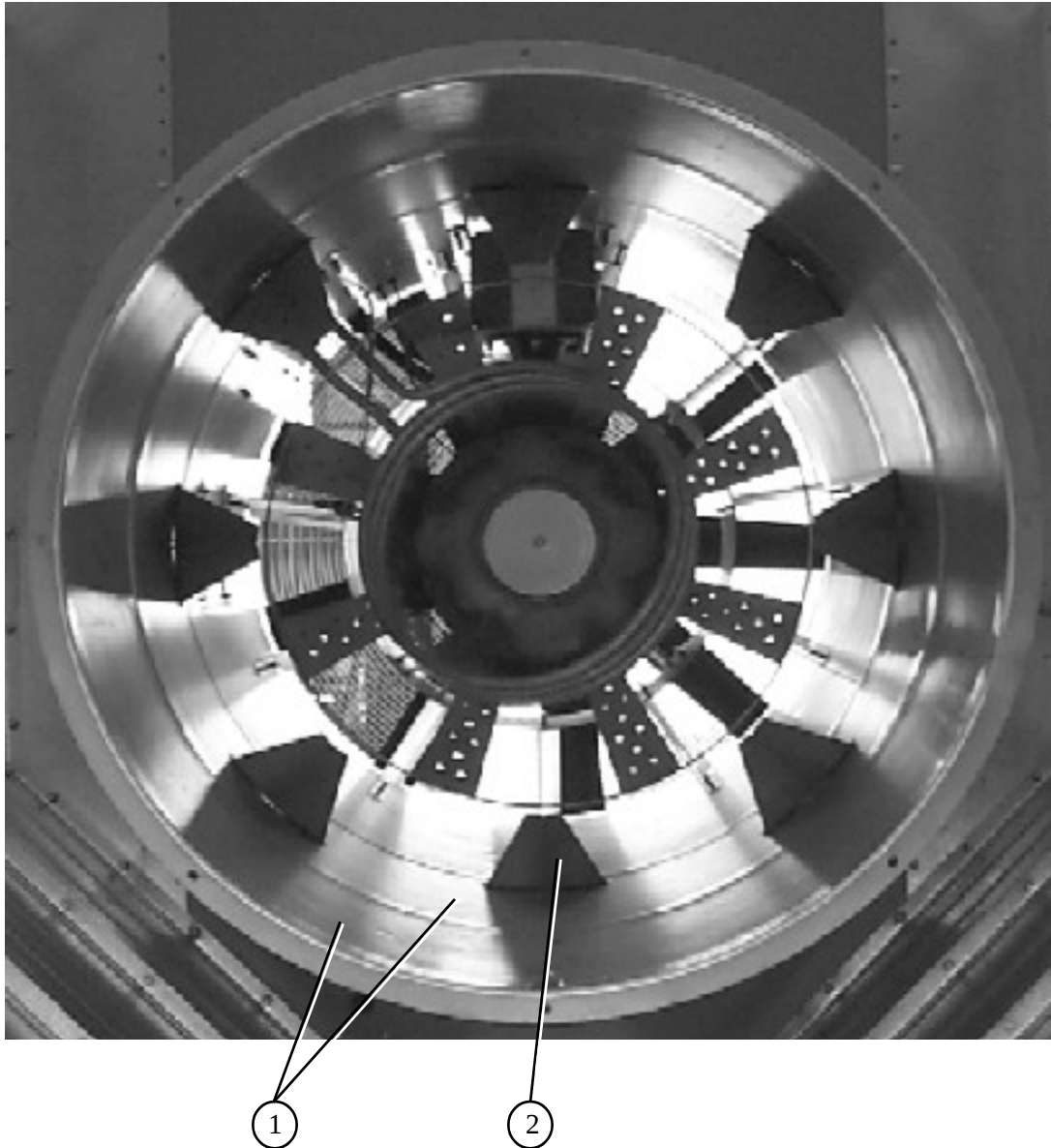


Reference Number	Part Number	Description	108
28"	D01-0955	AIR MIXER ASSEMBLY FOR 28" FAN-HEATERS	1
1	D01-0950	AIR MIXER CAN, 28" x 8" SHORT	1
2	D01-0951	AIR MIXER CAN, 28" x 15" LONG	1
3	CD-0228	AIR MIXER VANE	6

100 Series Parts Manual

Fan-Heaters

36"-42" Air Mixer Assembly

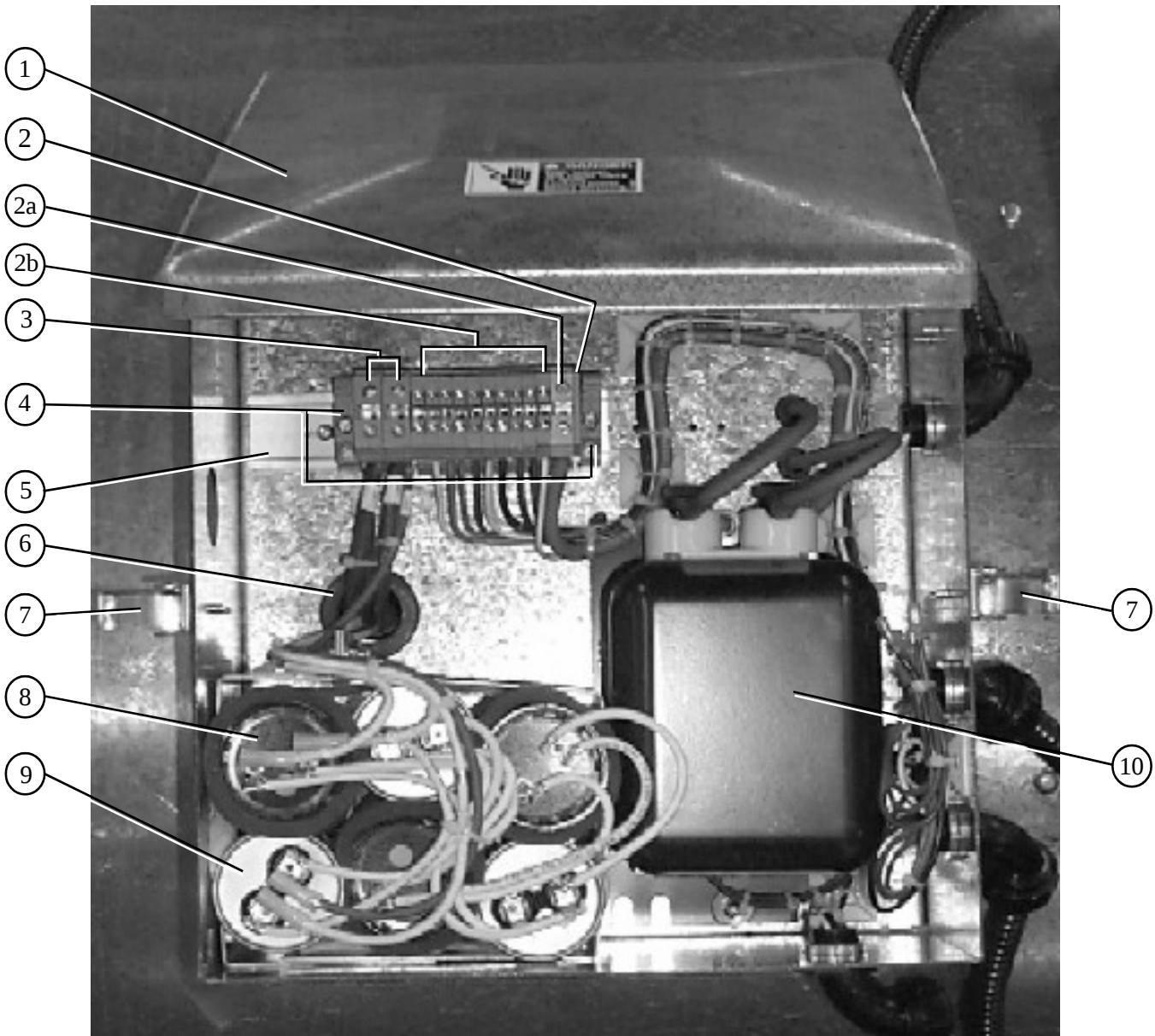


Reference Number	Part Number	Description	110	112	114	QTY 116	118	120	122	126
36"	CD-0113	AIR MIXER ASSEMBLY FOR 36" FAN-HEATERS	1	1						
1	D01-1303	AIR MIXER CAN, 36"	2	2						
2	CD-0083	AIR MIXER VANE	8	8						
40"	CD-0117	AIR MIXER ASSEMBLY FOR 40" FAN-HEATERS			1	1				
1	D01-1218	AIR MIXER CAN, 40"			2	2				
2	CD-0083	AIR MIXER VANE			8	8				
42"	CD-0118	AIR MIXER ASSEMBLY FOR 42" FAN-HEATERS					1	1	1	1
1	CD-0192	AIR MIXER CAN, 42"					2	2	2	2
2	CD-0083	AIR MIXER VANE					8	8	8	8

100 Series Parts Manual

Fan-Heaters

1 Phase Fan Control Box Components



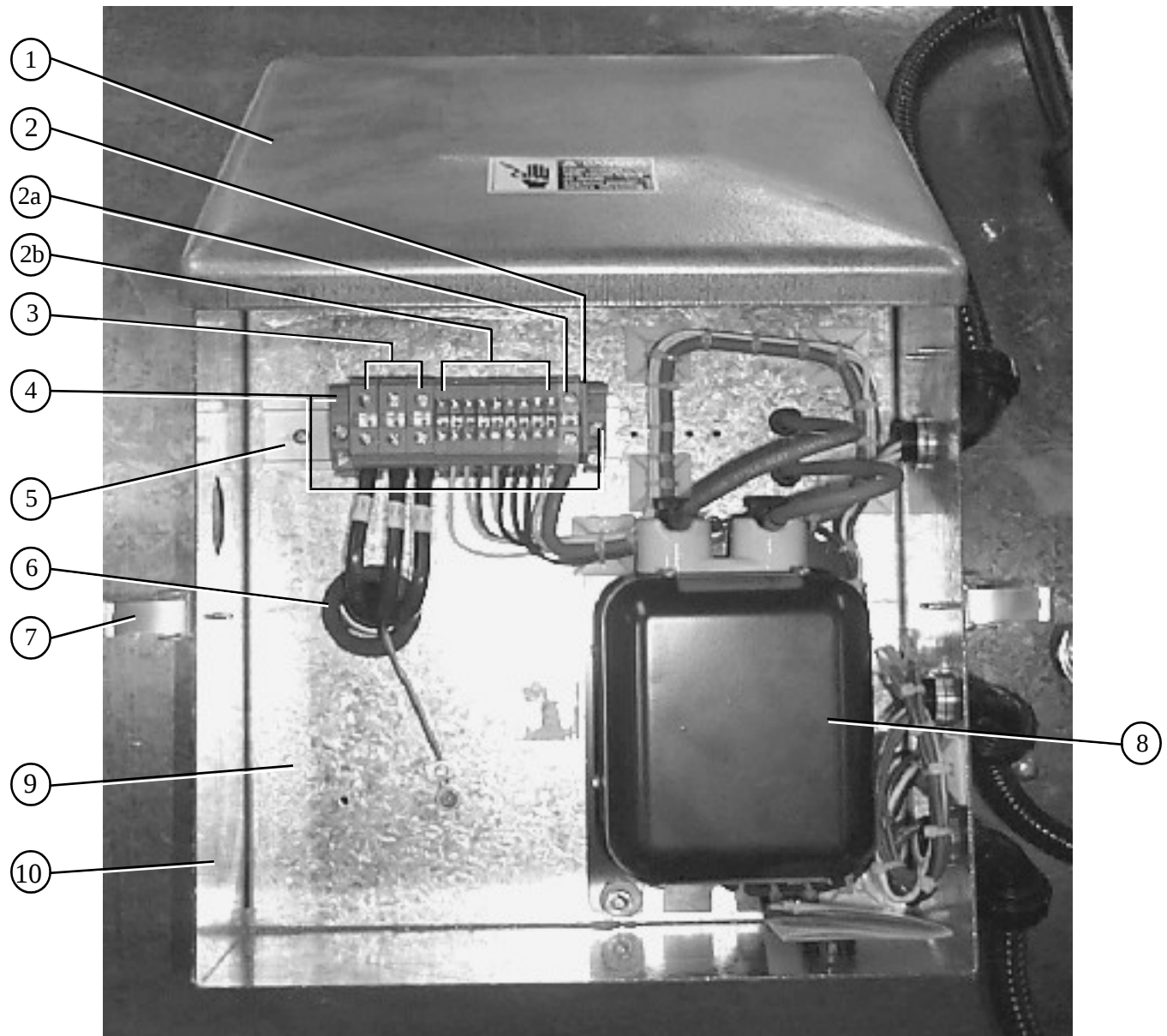
Reference Number	Part Number	Description	LP GAS	NAT. GAS
1	F-942	CONTROL BOX LID	1	1
2	D01-0532	TERMINAL END PROTECTOR	1	1
2a	D03-0150	10mm YELLOW TERMINAL BLOCK	1	1
2b	D01-0531	4mm ENTRELEC TERMINAL BLOCK	10	9
3	D03-0152	12mm GRAY TERMINAL BLOCK	2	2
4	D01-0533	ETRELEC TERMINAL END STOP	2	2
5	D03-0013	DIN MOUNTING RAIL	7"	7"
6	HH-7016	1 1/2" I.D. RUBBER GROMMET	1	1
7	FH-4429-1	CONTROL BOX LATCH	2	2
8		STAR CAPACITORS, SUPPLIED WITH MOTOR		
9		STAR CAPACITORS, SUPPLIED WITH MOTOR		
10	HH-1093	2-POLE IGNITION TRANSFORMER	1	1

See page 51, items 9 & 10, for control box bottom and side.

100 Series Parts Manual

Fan-Heaters

3 Phase Fan Control Box Components



Reference Number	Part Number	Description	LP GAS	NAT. GAS
1	F-942	CONTROL BOX LID	1	1
2	D01-0531	4mm ENTRELEC TERMINAL BLOCK	10	9
3	D03-0152	12mm GRAY TERMINAL BLOCK	3	3
4	D01-0533	ETRELEC TERMINAL END STOP	2	2
5	D03-0013	DIN MOUNTING RAIL	7"	7"
6	HH-7016	1 1/2" I.D. RUBBER GROMMET	1	1
7	FH-4429-1	CONTROL BOX LATCH	2	2
8	HH-1093	2-POLE IGNITION TRANSFORMER	1	1

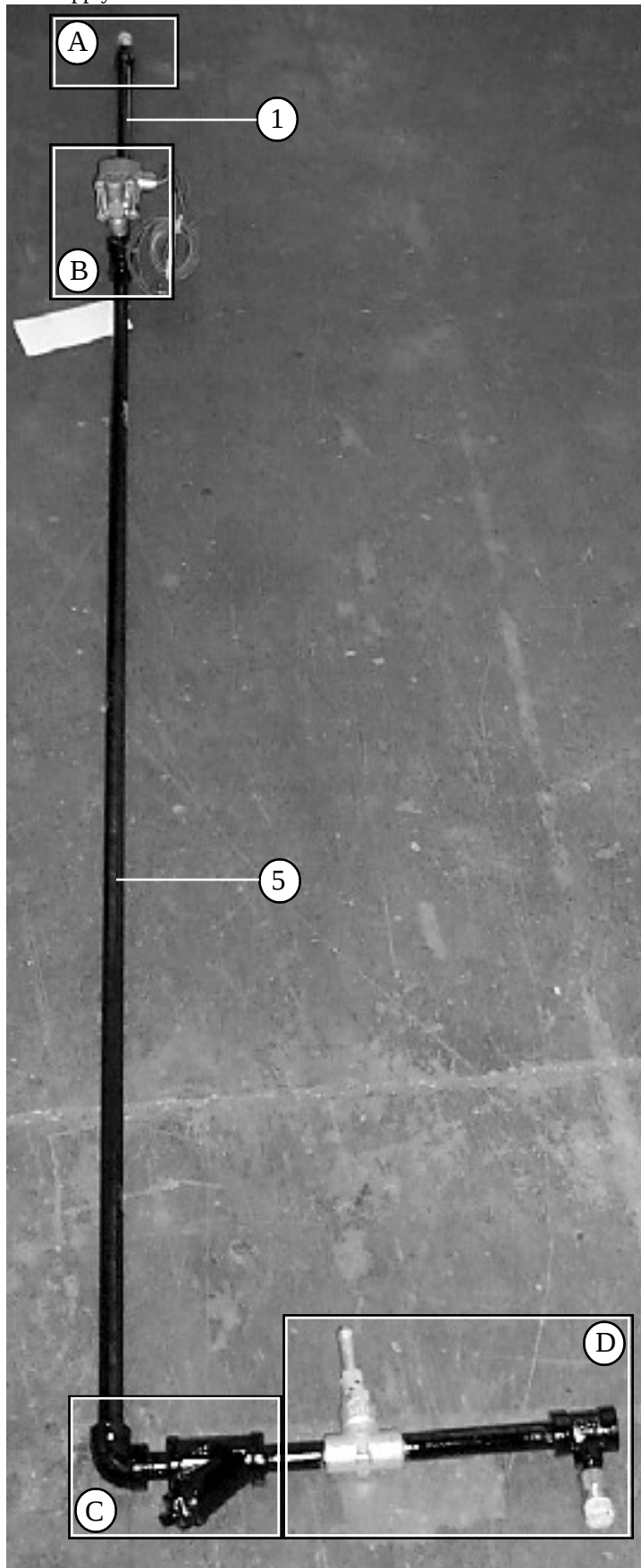
Reference Number	Part Number	Description	108	110, 112	114-126
9	CD-0202	28" FAN-HEATER CONTROL BOX BOTTOM	1		
9	CD-0203	36-42" FAN-HEATER CONTROL BOX BOTTOM		1	1
10	CD-0005	28" FAN-HEATER CONTROL BOX SIDE	1		
10	CD-0065	36" FAN-HEATER CONTROL BOX SIDE		1	
10	CD-0193	40-42" FAN-HEATER CONTROL BOX SIDE			1

100 Series Parts Manual

Supply Line Assemblies

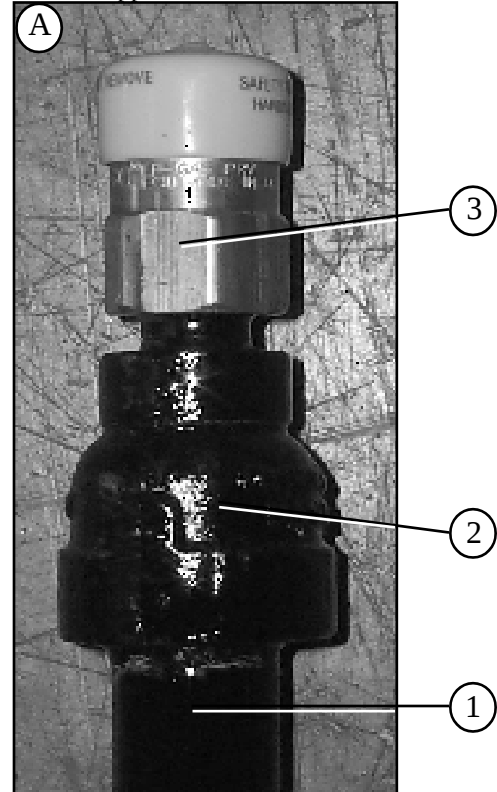
L.P. Gas Supply Line

L.P. supply line

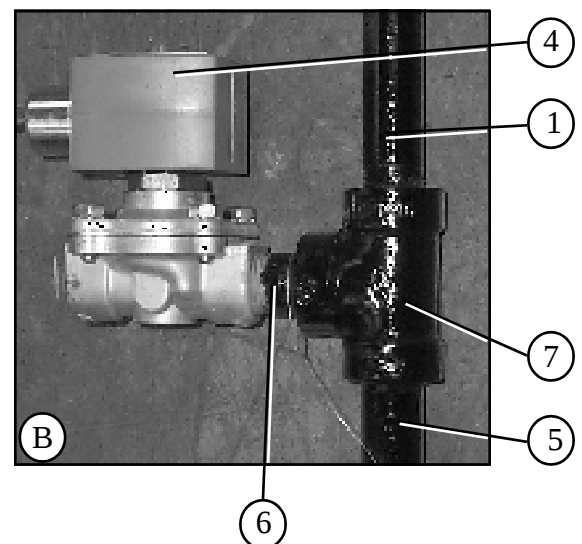


SUPPLY LINE ASSEMBLY PART No.	108	110 & 112	114 thru 126
CD-SL-N11	1		
CD-SL-N12		1	
CD-SL-N13			1

View of upper relief valve.



View of solenoid valve.

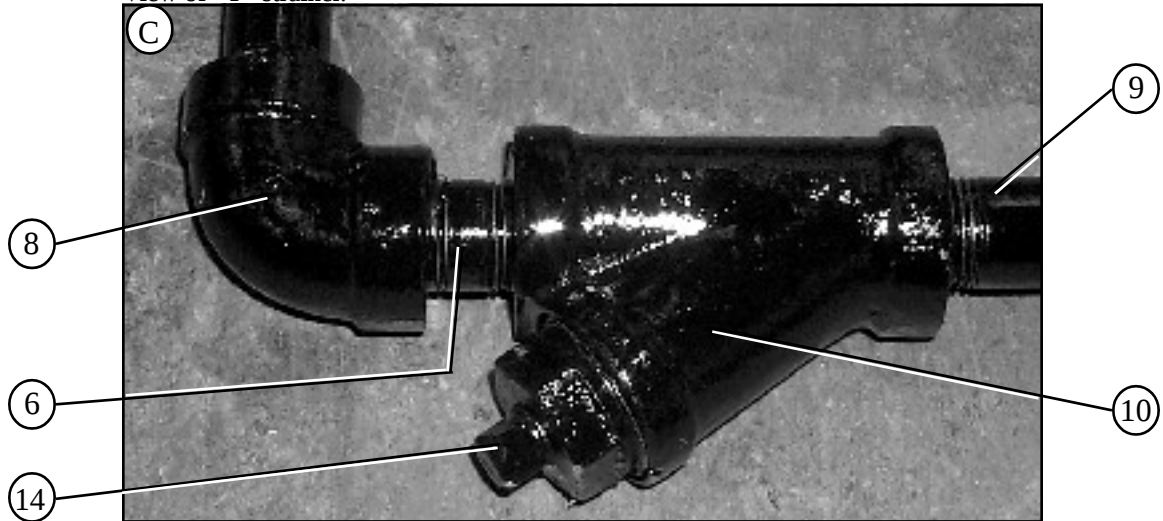


100 Series Parts Manual

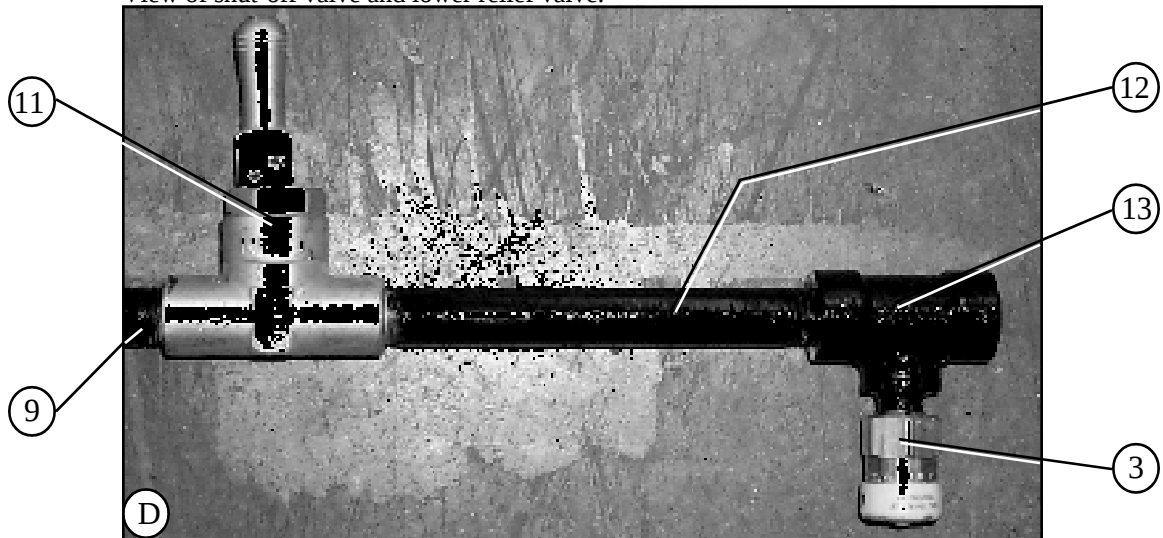
Supply Line Assemblies

L.P. Gas Supply Line

View of "Y" strainer.



View of shut-off valve and lower relief valve.



Reference Number	Part Number	Description	QTY		
			CD-SL-L11	CD-SL-L12	CD-SL-L13
1	D01-1186	NIPPLE 1/2" x 21"	1	1	1
2	THH-4144	REDUCER 1/2" x 1/4", BELL SCH 80 BLACK	1	1	1
3	TFC-0027	VALVE 1/4", NPT 250 PSI RELIEF	2	2	2
4	TFC-0092	VALVE 1/2", NPT SOLENOID LP GAS	1	1	1
5	D87-0001	NIPPLE, 1/2" x 55" SCH 80	1		
5	D01-1185	NIPPLE, 1/2" x 67"		1	1
6	D07-0019	NIPPLE 1/2" x 1 1/2" SCH 80 BLACK	2	2	2
7	THH-4058	TEE, 1/2" x 1/2" x 1/2" SCH 80 BLACK	1	1	1
8	HH-4847	ELBOW 1/2" - 90 SCH 80 BLACK	1	1	1
9	D07-0023	NIPPLE, 1/2" x 3" SCH 80 BLACK	1	1	1
10	HH-1251	"Y" STRAINER SCH 80	1	1	1
11	HH-1376	VALVE, VAPORIZER SHUT-OFF	1	1	1
12	HH-3854	NIPPLE, 1/2" x 6" SCH 80 BLACK	1	1	1
13	HH-4846	TEE 1/2" x 1/2" x 1/4" SCH 80	1	1	1
14	007-1747-0	PIPE PLUG 1/4"	1	1	1

100 Series Parts Manual

Supply Line Assemblies

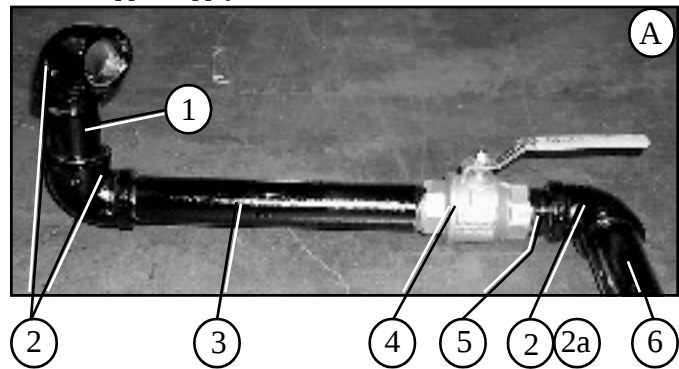
Natural Gas Supply Line

Natural gas supply line.

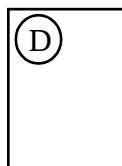
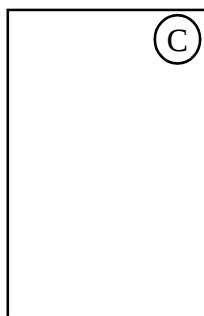
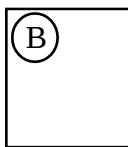
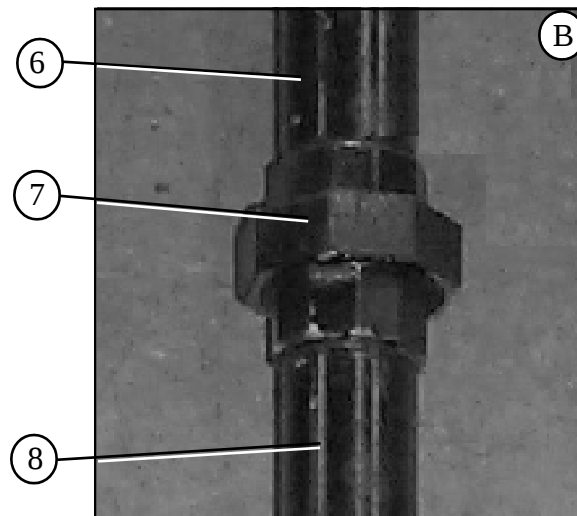


SUPPLY LINE ASSEMBLY PART No.	108	110 & 112	114 thru 126
CD-SL-N11	1		
CD-SL-N12		1	
CD-SL-N13			1

View of upper supply line and manual shut-off valve.



View of interconnect.

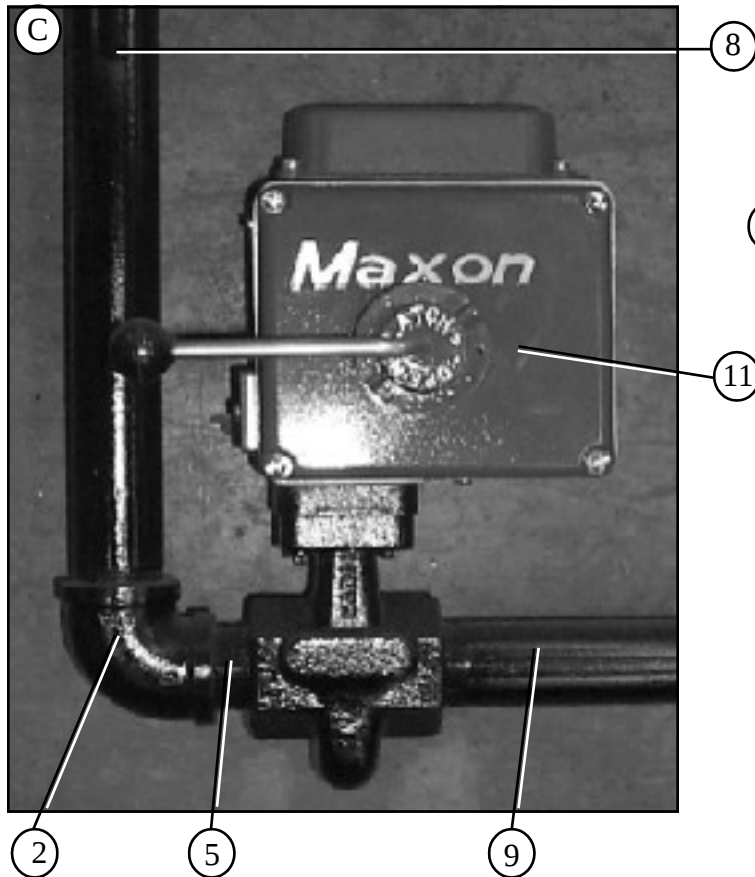


100 Series Parts Manual

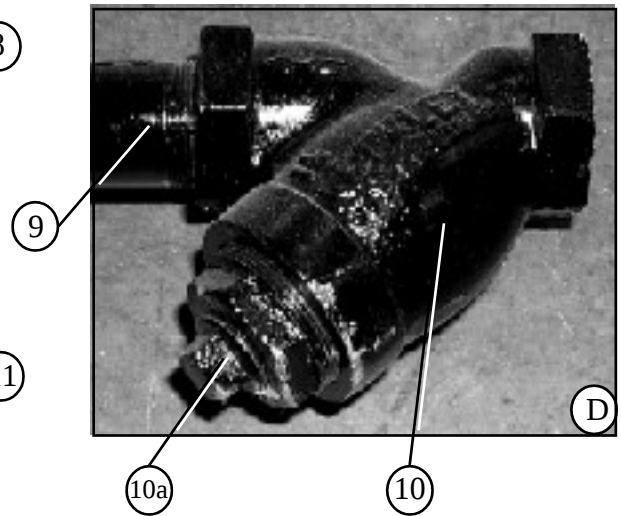
Supply Line Assemblies

Natural Gas Supply Line

View of electronic shut-off valve.



View of "Y" strainer.



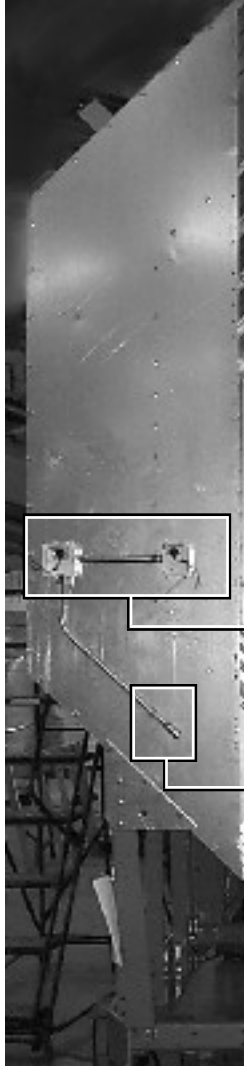
Reference Number	Part Number	Description	QTY		
			CD-SL-N11	CD-SL-N12	CD-SL-N13
1	D08-0001	NIPPLE, 1 1/2" x 6" SCH 40		1	1
2	D08-0011	ELBOW, 1 1/2" 90 SCH 40	1	4	4
2a	D38-0002	ELBOW, 1 1/2" - 1" 90 REDUCING	1		
3	D31-0166	NIPPLE, 1 1/2" x 10 1/2" SCH 40	1	1	1
4	D08-0008	VALVE, 1 1/2" NPT B-COCK SHUT-OFF		1	1
4	D08-0023	VALVE, 1" B-COCK SHUT-OFF	1		
5	D08-0009	NIPPLE, 1 1/2" CLOSE SCH 40	1	2	2
6	HH-7077	NIPPLE, 1 1/2" x 55" SCH 40	1	1	1
7	D08-0010	UNION, 1 1/2" FEMALE SCH 40	1	1	1
8	HH-7069	NIPPLE, 1 1/2" x 28"	1	1	1
9	D08-0028	NIPPLE, 1 1/2" x 12" SCH 40		1	1
10	D08-0015	STRAINER, 1 1/2" "Y" SCH 80	1	1	1
10a	D67-0007	PLUG, 3/4" SQUARE	1	1	1
11	031-1063-2	ELECTRONIC SHUT-OFF VALVE	1	1	1

100 Series Parts Manual

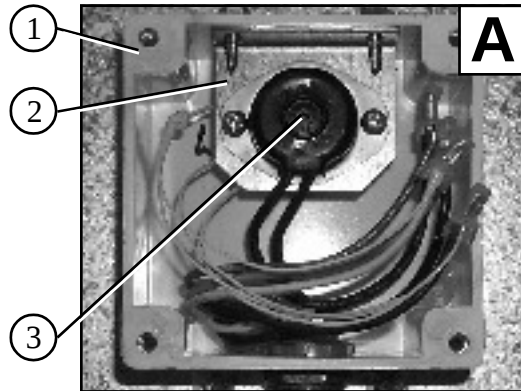
Electrical Wiring & Conduits

Grain & Plenum High Limits

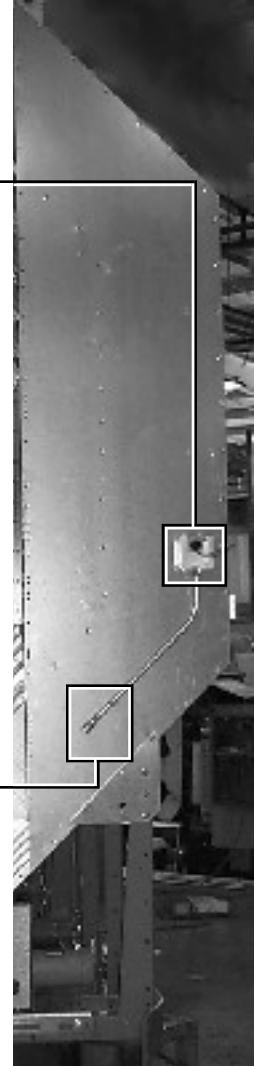
View of right grain column & plenum hi limit thermostat locations.



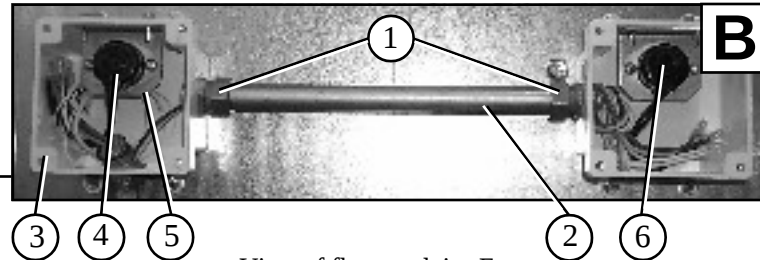
View of left grain hi limit thermostat.



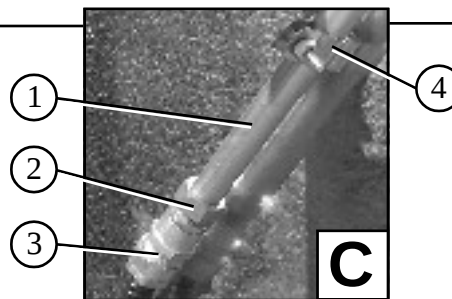
View of left grain column hi limit thermostat location.



View of right grain and plenum hi limit thermostats.



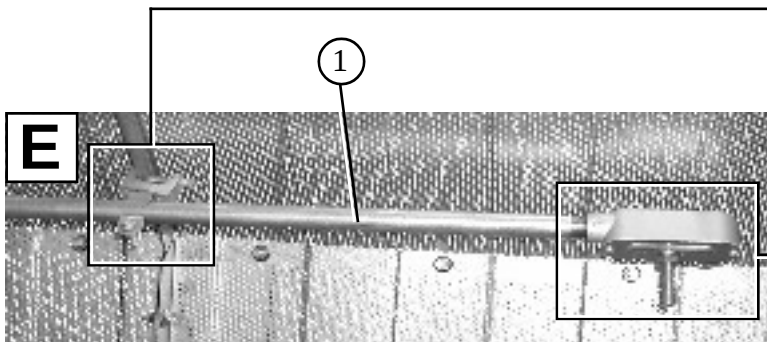
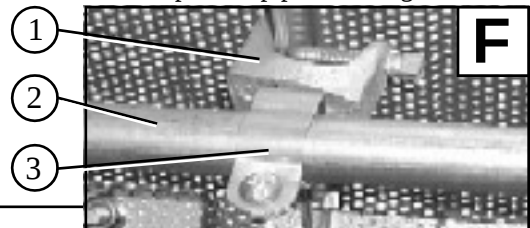
View of flex conduit - Emt connectors.



View of Grain Temperature Thermister (Part No. D03-0258).

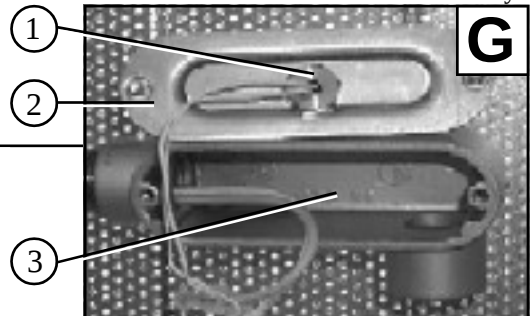


View of plenum pipe mounting hardware.



View of the plenum pipe.

View of thermister bolt and conduit body.

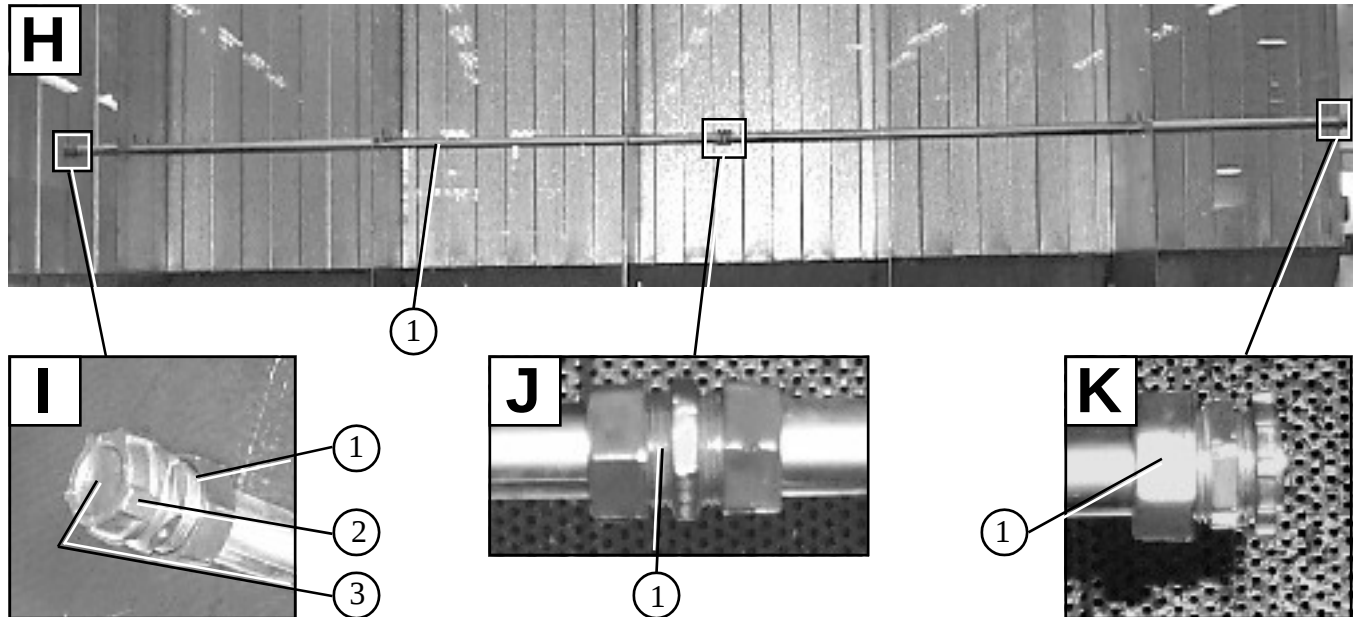


100 Series Parts Manual

Electrical Wiring & Conduits

Grain & Plenum High Limits

Grain high limit thermostat, grain column EMT conduit.



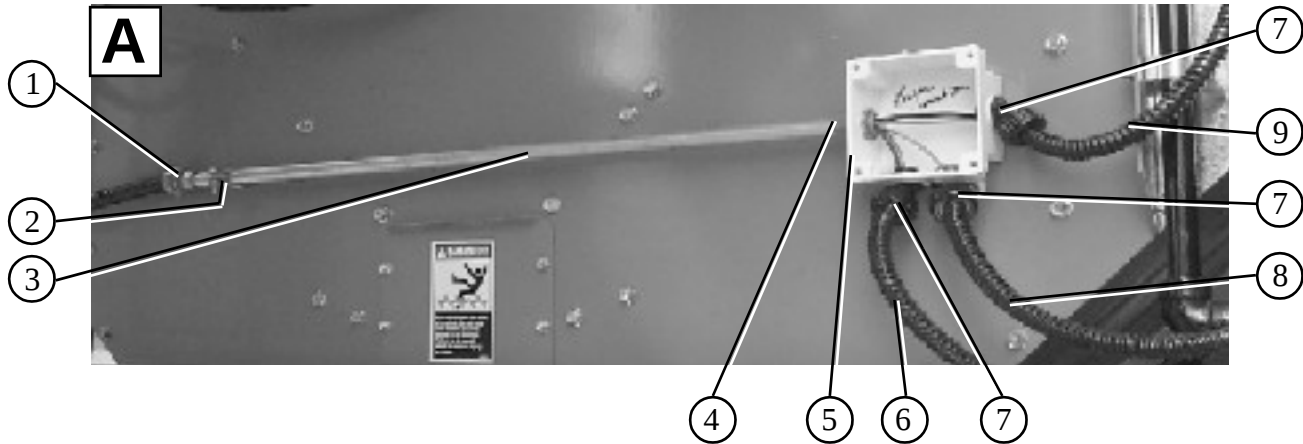
Picture	Reference Number	Part Number	Description	108	110	112	114	QTY 116	118	120	122	126
A	1	FLX-2688	ELECTRICAL BOX	1	1	1	1	1	1	1	1	1
		FLX-2689	ELECTRICAL BOX LID	1	1	1	1	1	1	1	1	1
		FLX-2690	ELECTRICAL BOX GASKET	1	1	1	1	1	1	1	1	1
	2	D01-0254	HIGH LIMIT MOUNTING BRACKET	1	1	1	1	1	1	1	1	1
	3	D03-0005	GRAIN HIGH LIMIT THERMOSTAT, 10' 210 DEG.	1	1	1	1					
B	3	D03-0378	GRAIN HIGH LIMIT THERMOSTAT, 24' 210 DEG.					1	1	1	1	1
	1	D03-0054	CONNECTOR, 1/2" MALE EMT COMPRESSION	2	2	2	2	2	2	2	2	2
	2	D03-0057	CONDUIT, 1/2" EMT METALIC	9.5"	9.5"	9.5"	9.5"	9.5"	9.5"	9.5"	9.5"	9.5"
	3	FLX-2688	ELECTRICAL BOX	2	2	2	2	2	2	2	2	2
		FLX-2689	ELECTRICAL BOX LID	2	2	2	2	2	2	2	2	2
		FLX-2690	ELECTRICAL BOX GASKET	2	2	2	2	2	2	2	2	2
	4	D03-0005	GRAIN HIGH LIMIT THERMOSTAT, 10' 210 DEG.	1	1	1	1					
	4	D03-0378	GRAIN HIGH LIMIT THERMOSTAT, 24' 210 DEG.					1	1	1	1	1
	5	D01-0254	HIGH LIMIT MOUNTING BRACKET	2	2	2	2	2	2	2	2	2
	6	D03-0004	PLENUM HIGH LIMIT THERMOSTAT, 10' 300 DEG.	1	1	1	1					
C	6	D03-0377	PLENUM HIGH LIMIT THERMOSTAT, 24' 300 DEG.					1	1	1	1	1
	1	D03-0057	CONDUIT, 1/2" EMT METALIC	24" ea	24" ea	24" ea	24" ea	24" ea	24" ea	24" ea	24" ea	24" ea
	2	D03-0054	CONNECTOR, 1/2" MALE EMT COMPRESSION	4	4	4	4	4	4	4	4	4
	3	D03-0060	CONNECTOR, 3/8" LIQUID-TITE - 1/2" FEMALE	2	2	2	2	2	2	2	2	2
D	4	HH-1096	CLAMP, 1/2" CONDUIT	2	2	2	2	2	2	2	2	2
	1	D03-0258	GRAIN TEMPERATURE THERMISTER	4	4	4	4	4	4	4	4	4
E	1	DM60001	PLENUM PIPE, 1/2" SCH 40 GALV.	5'	7'	9'	11'	13'	15'	17'	19'	23'
F	1	GT3-0241	1/2" BEAM CLAMP	1	1	1	2	2	2	3	3	3
	2	DM60001	PLENUM PIPE, 1/2" SCH 40 GALV.	5'	7'	9'	11'	13'	15'	17'	19'	23'
	3	HH-1096	CLAMP, 1/2" CONDUIT	1	1	1	2	2	2	3	3	3
G	1	HF-7236	PLENUM THERMISTER BOLT	1	1	1	1	1	1	1	1	1
	2	TFC-0075	COVER ALUMINUM, CONDUIT BODY	1	1	1	1	1	1	1	1	1
	3	D03-0375	CONDUIT BODY, LL TYPE	1	1	1	1	1	1	1	1	1
H	1	D03-0057	CONDUIT, 1/2" EMT METALIC	6'4"	8'4"	10'4"	12'4"	14'4"	16'4"	18'4"	20'4"	24'4"
I	1	D03-0054	CONNECTOR, 1/2" MALE EMT COMPRESSION	4	4	4	4	4	4	4	4	4
	2	D03-0055	BUSHING, 1/2" METALLIC	2	2	2	2	2	2	2	2	2
	3	D03-0053	PRESS IN CAP	2	2	2	2	2	2	2	2	2
J	1	D33-0002	COUPLER, 1/2" EMT COMPRESSION			2	2	2	2	2	4	4
K	1	D03-0054	CONNECTOR, 1/2" MALE EMT COMPRESSION	4	4	4	4	4	4	4	4	4

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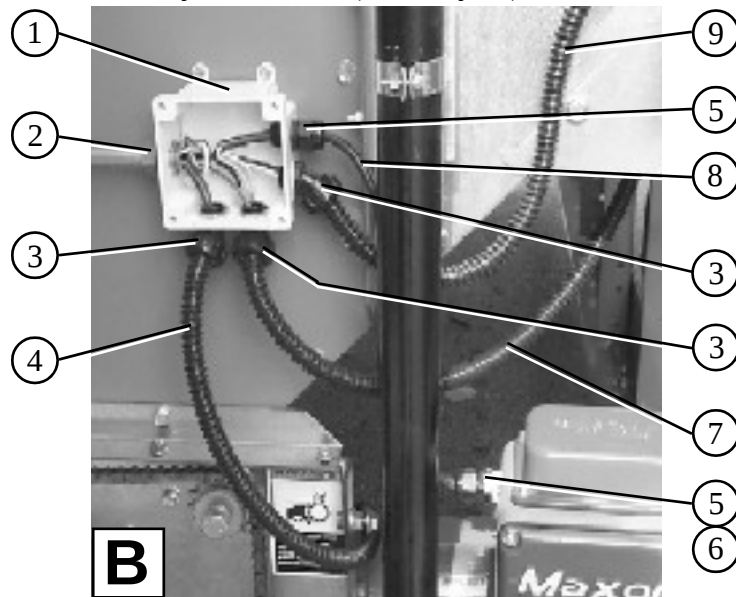
Electrical Wiring & Conduits

Lower Junction Box and Rear Discharge Switch

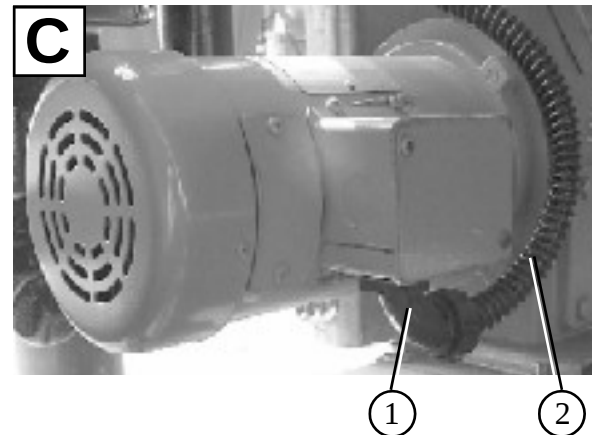
Lower junction box (L.P. dryers).



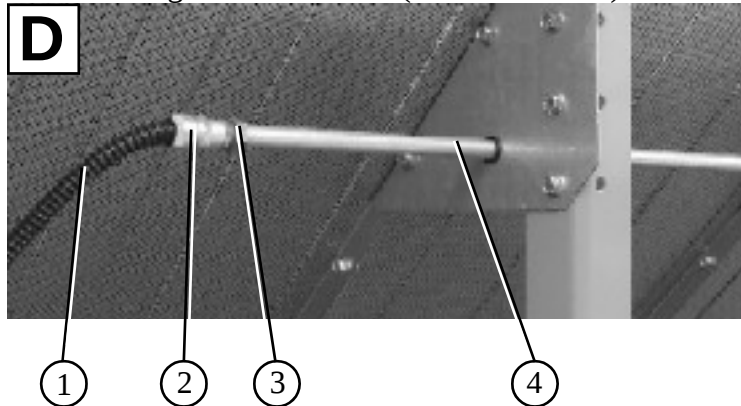
Lower junction box (N.G. dryers).



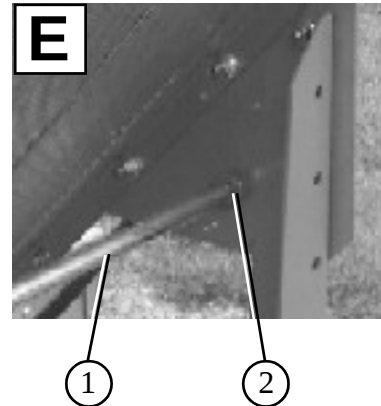
SCR Metering roll motor conduit connection.



Rear discharge switch conduit (forward section).



Rear discharge switch conduit (rear section).

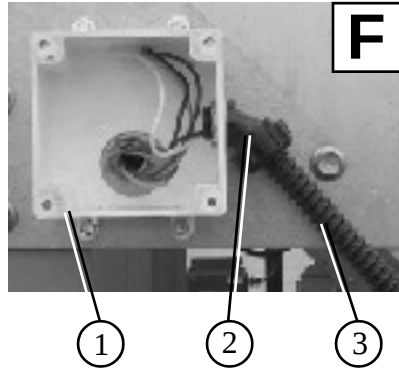


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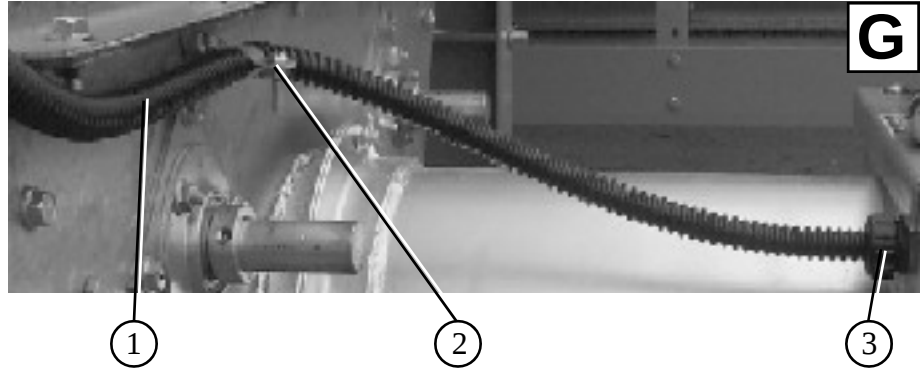
Electrical Wiring & Conduits

Lower Junction Box and Rear Discharge Switch

Rear discharge switch junction box.



Rear discharge switch rear flex conduit.



Rear discharge switch.



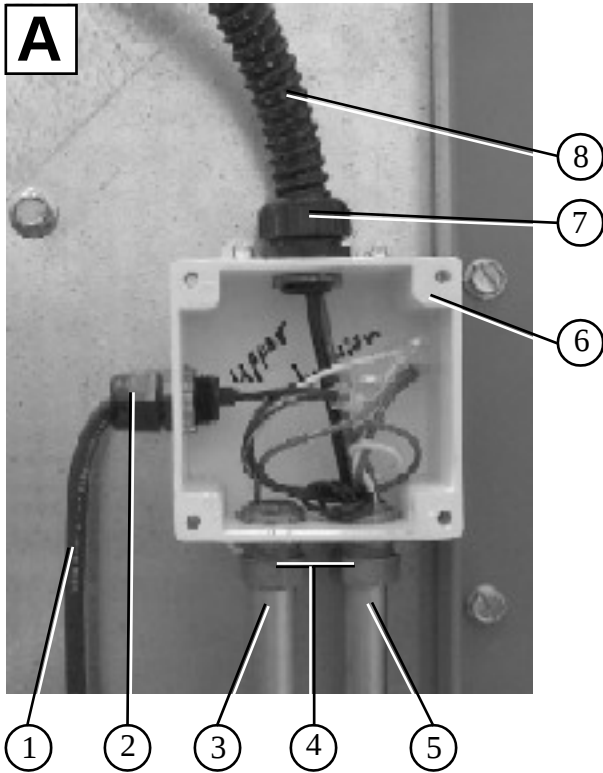
Picture	Reference Number	Part Number	Description	108	110	112	114	QTY 116	118	120	122	126
A L.P. ONLY	1	D03-0075	CONNECTOR, 1/2" EMT TO SEALTITE	1	1	1	1	1	1	1	1	1
	2	HH-1096	CLAMP, 1/2" CONDUIT	1	1	1	1	1	1	1	1	1
	3	D03-0057	CONDUIT, 1/2" EMT METALLIC	30.5"	30.5"	30.5"	30.5"	30.5"	30.5"	30.5"	30.5"	30.5"
	4	D03-0054	CONNECTOR, 1/2" MALE EMT COMPRESSION	1	1	1	1	1	1	1	1	1
	5	FLX-2688	ELECTRICAL BOX	1	1	1	1	1	1	1	1	1
		FLX-2689	ELECTRICAL BOX LID	1	1	1	1	1	1	1	1	1
		FLX-2690	ELECTRICAL BOX GASKET	1	1	1	1	1	1	1	1	1
	6	FH-7038	3/8" SEALTITE CONDUIT	28"	28"	28"	28"	28"	28"	28"	28"	28"
	7	F-6913	CONNECTOR, 3/8" x 45 DEG. W/NUT	3	3	3	3	3	3	3	3	3
B N.G. ONLY		FH-7038	3/8" SEALTITE CONDUIT	31"	31"	31"	31"	31"	31"	31"	31"	31"
		FH-7038	3/8" SEALTITE CONDUIT	20"	20"	20"	20"	20"	20"	20"	20"	20"
	1	FLX-2688	ELECTRICAL BOX	1	1	1	1	1	1	1	1	1
		FLX-2689	ELECTRICAL BOX LID	1	1	1	1	1	1	1	1	1
		FLX-2690	ELECTRICAL BOX GASKET	1	1	1	1	1	1	1	1	1
	2	D03-0054	CONNECTOR, 1/2" MALE EMT COMPRESSION	1	1	1	1	1	1	1	1	1
	3	F-6913	CONNECTOR, 3/8" x 45 DEG. W/NUT	3	3	3	3	3	3	3	3	3
	4	FH-7038	3/8" SEALTITE CONDUIT	28"	28"	28"	28"	28"	28"	28"	28"	28"
	5	FH-1310	CONNECTOR, 1/2" STRAIN RELIEF	2	2	2	2	2	2	2	2	2
C	6	D07-0028	BUSHING, HEX REDUCER 3/4" - 1/2"	1	1	1	1	1	1	1	1	1
	7	FH-7038	3/8" SEALTITE CONDUIT	31"	31"	31"	31"	31"	31"	31"	31"	31"
	8	WR-182SJOWA	WIRE 18/2 TYPE SJOW-A BLACK	18"	18"	18"	18"	18"	18"	18"	18"	18"
	9	FH-7038	3/8" SEALTITE CONDUIT	20"	20"	20"	20"	20"	20"	20"	20"	20"
	1	FH-7050	CONNECTOR, 3/8" x 90 DEG. W/NUT	1	1	1	1	1	1	1	1	1
	2	FH-7038	3/8" SEALTITE CONDUIT	28"	28"	28"	28"	28"	28"	28"	28"	28"
	1	F-6913	CONNECTOR, 3/8" x 45 DEG. W/NUT	3	3	3	3	3	3	3	3	3
	2	D03-0060	CONNECTOR, 3/8" LIQUID-TITE - 1/2" FEMALE	1	1	1	1	1	1	1	1	1
	3	D03-0054	CONNECTOR, 1/2" MALE EMT COMPRESSION	1	1	1	1	1	1	1	1	1
D	4	D03-0057	CONDUIT, 1/2" EMT METALIC	7'	9'	11'	13'	15'	17'	19'	21'	25'
	NOT SHOWN	D33-0002	COUPLER, 1/2" EMT COMPRESSION			1	1	1	1	1	2	2
	1	D03-0057	CONDUIT, 1/2" EMT METALIC	7'	9'	11'	13'	15'	17'	19'	21'	25'
E	2	D03-0054	CONNECTOR, 1/2" MALE EMT COMPRESSION	1	1	1	1	1	1	1	1	1
	1	FLX-2688	ELECTRICAL BOX	1	1	1	1	1	1	1	1	1
F		FLX-2689	ELECTRICAL BOX LID	1	1	1	1	1	1	1	1	1
		FLX-2690	ELECTRICAL BOX GASKET	1	1	1	1	1	1	1	1	1
	2	F-6913	CONNECTOR, 3/8" x 45 DEG. W/NUT	1	1	1	1	1	1	1	1	1
	3	FH-7039	3/8" SEALTITE CONDUIT	44"	44"	44"	44"	44"	44"	44"	44"	44"
G	1	FH-7039	3/8" SEALTITE CONDUIT	44"	44"	44"	44"	44"	44"	44"	44"	44"
	2	HH-1096	CLAMP, 1/2" CONDUIT	1	1	1	1	1	1	1	1	1
	3	FH-7049	CONNECTOR, 3/8" STRAIGHT W/NUT	1	1	1	1	1	1	1	1	1
H	1	D03-0010	MERCURY SWITCH	1	1	1	1	1	1	1	1	1
	2	SPD-2098	CLIP, MERCURY SWITCH	1	1	1	1	1	1	1	1	1
	3	D03-0375	CONDUIT BODY, LL TYPE	1	1	1	1	1	1	1	1	1
	4	D03-0097	PLUG, 1/2" THREADED CONDUIT	1	1	1	1	1	1	1	1	1
	5	D01-1105	DISCHARGE SENSOR MOUNTING PLATE	1	1	1	1	1	1	1	1	1
	6	FH-1310	CONNECTOR, 1/2" STRAIN RELIEF	1	1	1	1	1	1	1	1	1
	7	WR-182SJOWA	WIRE 18/2 TYPE SJOW-A BLACK	56"	56"	56"	56"	56"	56"	56"	56"	56"
	8	TFC-0075	COVER ALUMINUM, CONDUIT BODY	1	1	1	1	1	1	1	1	1

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Electrical Wiring & Conduits

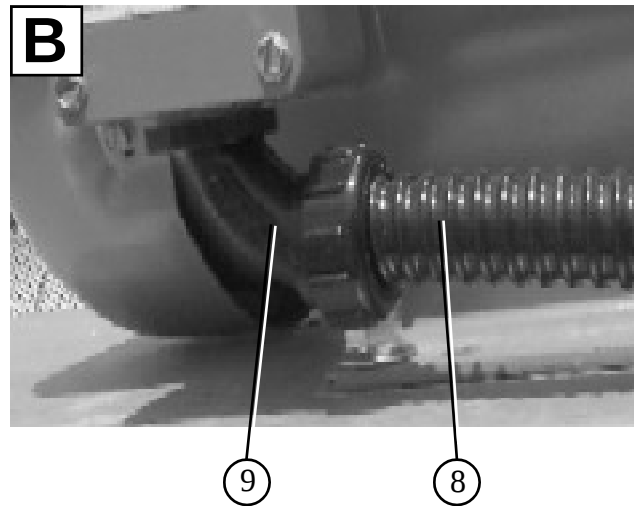
Upper Junction Box (Top auger motor cond. & Operator light)

Upper junction box.

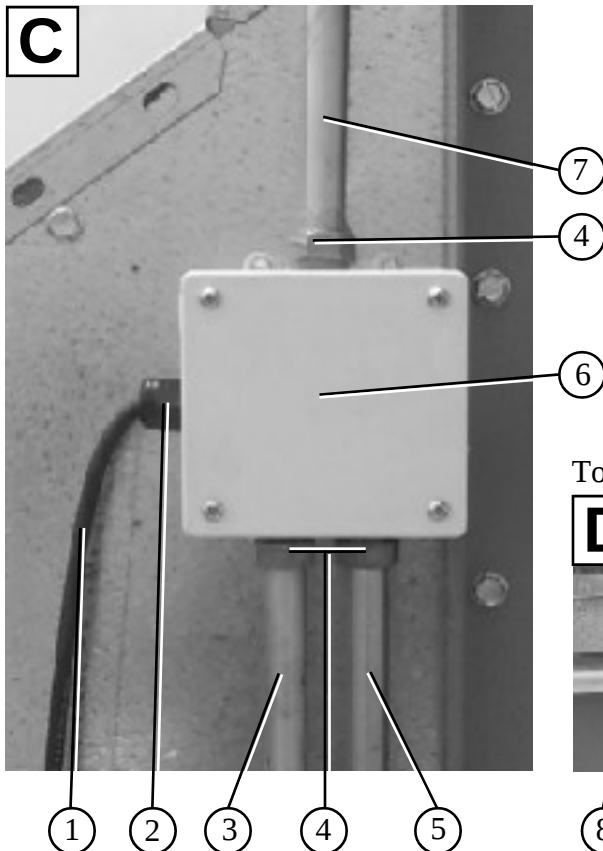


NOTE: If your dryer has a standard top auger refer to photos A and B for the top auger motor conduit parts.

Top auger motor conduit.

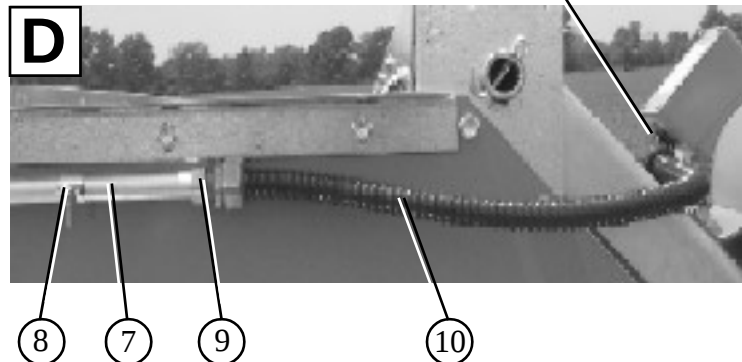


Upper junction box.



NOTE: If your dryer has a wet bin refer to photos C and D for the top auger motor conduit parts.

Top auger motor conduit.

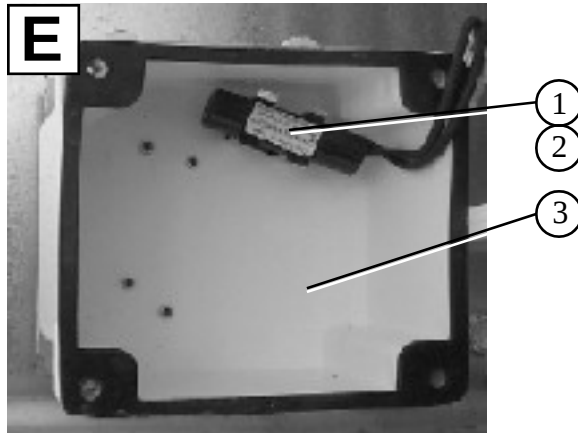


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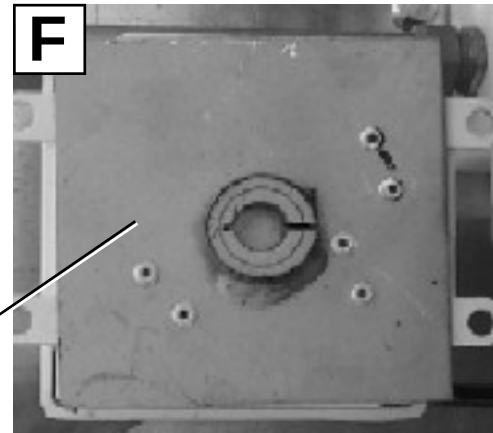
Electrical Wiring & Conduits

Upper Junction Box (Top auger motor cond. & Operator light)

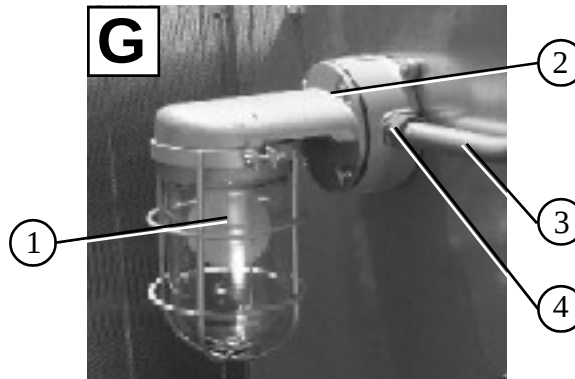
Mercury switch box (front view).



Mercury switch box (rear view).



Dryer operator light.

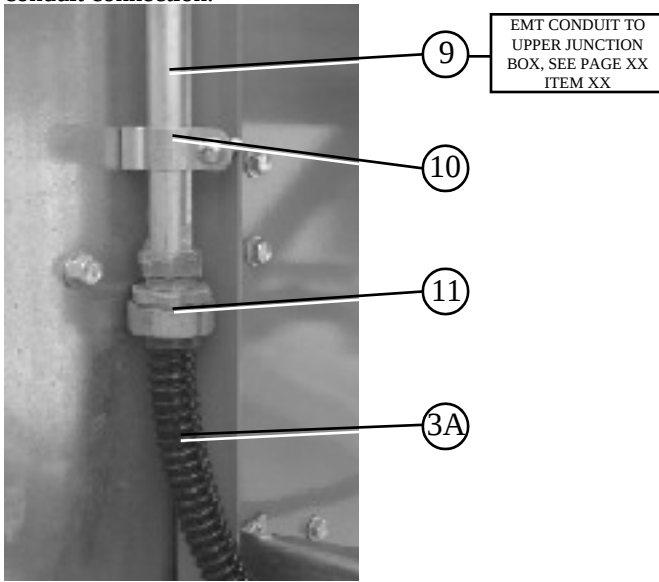


Picture	Reference Number	Part Number	Description	108	110	112	114	QTY 116	118	120	122	126
A & B STD. TOP AUGER ONLY	1	WR-182SJOWA	WIRE 18/2 TYPE SJOW-A BLACK	69"	69"	69"	69"	69"	69"	69"	69"	69"
	2	FH-1310	CONNECTOR, 1/2" STRAIN RELIEF	2	2	2	2	2	2	2	2	2
	3	D03-0057	CONDUIT, 1/2" EMT METALIC	17"	17"	17"	17"	17"	17"	17"	17"	17"
	4	D03-0054	CONNECTOR, 1/2" MALE EMT COMPRESSION	2	2	2	2	2	2	2	2	2
	5	D03-0057	CONDUIT, 1/2" EMT METALIC	54.5"	54.5"	54.5"	54.5"	54.5"	54.5"	54.5"	54.5"	54.5"
	6	FLX-2688	ELECTRICAL BOX	1	1	1	1	1	1	1	1	1
		FLX-2689	ELECTRICAL BOX LID	1	1	1	1	1	1	1	1	1
		FLX-2690	ELECTRICAL BOX GASKET	1	1	1	1	1	1	1	1	1
	7	FH-7051	CONNECTOR, 1/2" STRAIGHT W/NUT	1	1	1	1	1	1	1	1	1
C & D WET BIN ONLY	8	FH-7039	1/2" SEALTITE CONDUIT	23"	23"	23"	23"	23"	23"	23"	23"	23"
	9	FH-7052	CONNECTOR, 1/2" x 90 DEG. W/NUT	1	1	1	1	1	1	1	1	1
	1	WR-182SJOWA	WIRE 18/2 TYPE SJOW-A BLACK	69"	69"	69"	69"	69"	69"	69"	69"	69"
	2	FH-1310	CONNECTOR, 1/2" STRAIN RELIEF	2	2	2	2	2	2	2	2	2
	3	D03-0057	CONDUIT, 1/2" EMT METALIC	17"	17"	17"	17"	17"	17"	17"	17"	17"
	4	D03-0054	CONNECTOR, 1/2" MALE EMT COMPRESSION	3	3	3	3	3	3	3	3	3
	5	D03-0057	CONDUIT, 1/2" EMT METALIC	54.5"	54.5"	54.5"	54.5"	54.5"	54.5"	54.5"	54.5"	54.5"
	6	FLX-2688	ELECTRICAL BOX	1	1	1	1	1	1	1	1	1
		FLX-2689	ELECTRICAL BOX LID	1	1	1	1	1	1	1	1	1
		FLX-2690	ELECTRICAL BOX GASKET	1	1	1	1	1	1	1	1	1
	7	D03-0057	CONDUIT, 1/2" EMT METALIC	46"	46"	46"	46"	46"	46"	46"	46"	46"
E & F	8	HH-1096	CLAMP, 1/2" CONDUIT	1	1	1	1	1	1	1	1	1
	9	D03-0075	CONNECTOR, 1/2" EMT TO SEALTITE	1	1	1	1	1	1	1	1	1
	10	FH-7039	1/2" SEALTITE CONDUIT	21.5"	21.5"	21.5"	21.5"	21.5"	21.5"	21.5"	21.5"	21.5"
	11	FH-7052	CONNECTOR, 1/2" x 90 DEG. W/NUT	1	1	1	1	1	1	1	1	1
	1	D03-0010	MERCURY SWITCH	1	1	1	1	1	1	1	1	1
G	2	SPD-2098	CLIP MERCURY SWITCH	1	1	1	1	1	1	1	1	1
	3	FLX-2688	ELECTRICAL BOX	1	1	1	1	1	1	1	1	1
		FLX-2689	ELECTRICAL BOX LID	1	1	1	1	1	1	1	1	1
		FLX-2690	ELECTRICAL BOX GASKET	1	1	1	1	1	1	1	1	1
	4	D01-0358	MOUNTING PLATE WELDMENT MERC. BOX	1	1	1	1	1	1	1	1	1
G	1	D03-0575	BULB, 100W 130V ROUGH SERVICE	1	1	1	1	1	1	1	1	1
	2	D03-0117	LIGHT FIXTURE, 90 DEG. W/JUNCTION BOX	1	1	1	1	1	1	1	1	1
	3	D03-0057	CONDUIT, 1/2" EMT METALIC	17"	17"	17"	17"	17"	17"	17"	17"	17"
	4	D03-0054	CONNECTOR, 1/2" MALE EMT COMPRESSION	1	1	1	1	1	1	1	1	1

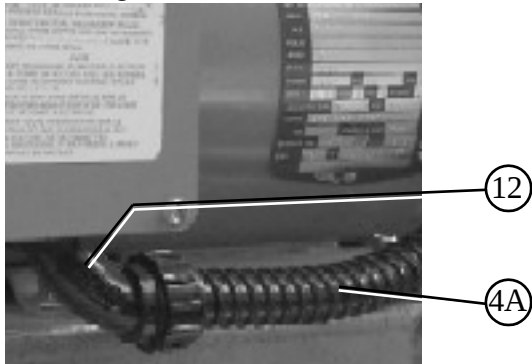
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Electrical Wiring & Conduits

Upper junction box, lower conduit connection.

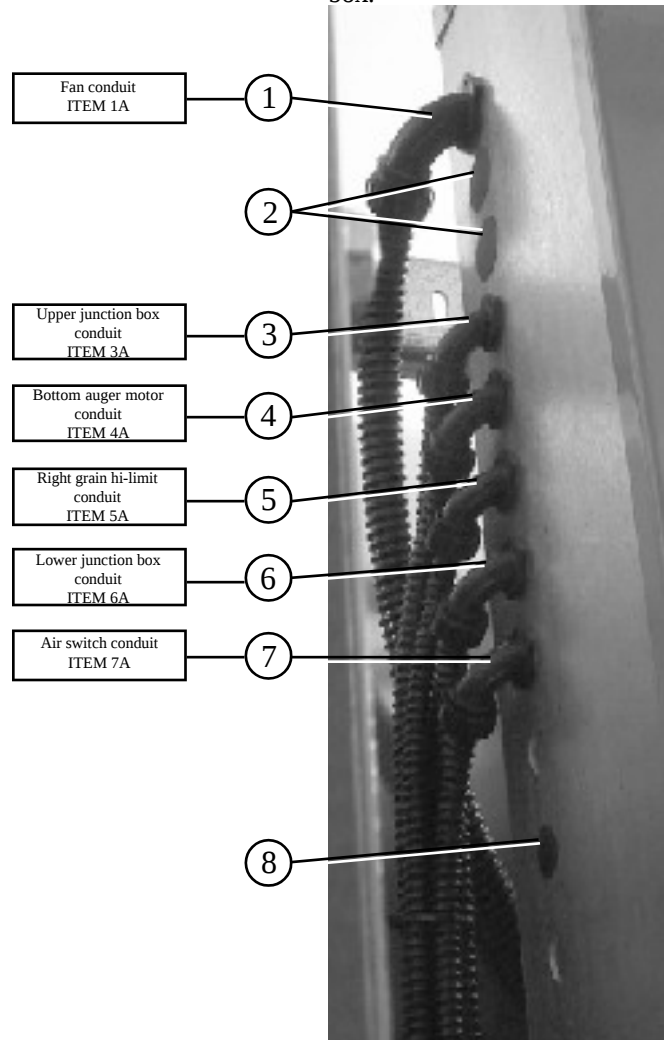


Bottom auger motor conduit connection.



Control Box Conduit Connections

Conduit connections at control box.



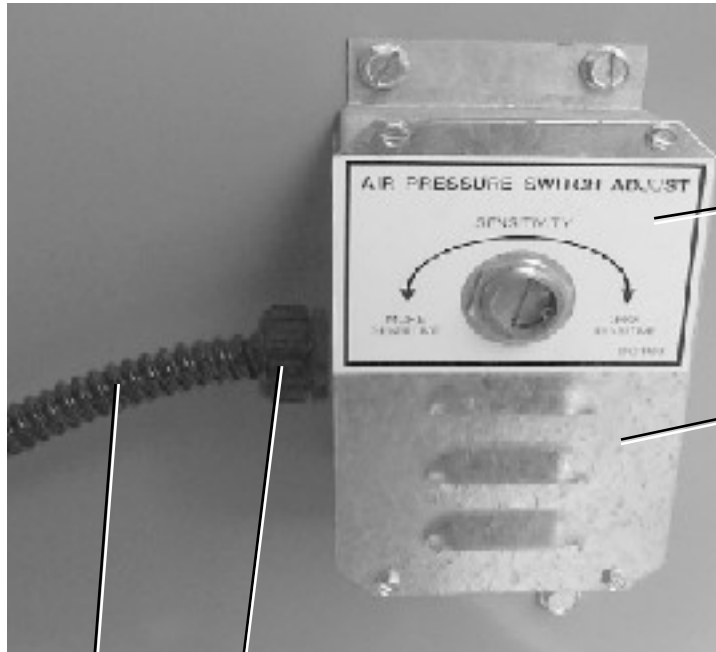
Reference Number	Part Number	Description	108	110	112	114	QTY 116	118	120	122	126
1	FH-7056	CONNECTOR, 1" x 90 DEG. W/NUT	1	1	1	1	1	1	1	1	1
1A	FH-7040	CONDUIT, 1" SEALTITE	95"	95"	95"	95"	95"	95"	95"	95"	95"
2	D63-0012	PLUG, 1 3/8" PLASTIC	2	2	2	2	2	2	2	2	2
3	FH-7052	CONNECTOR, 1/2" x 90 DEG. W/NUT	1	1	1	1	1	1	1	1	1
3A	FH-7038	CONDUIT, 1/2" SEALTITE	57"	57"	57"	57"	57"	57"	57"	57"	57"
4	FH-7052	CONNECTOR, 1/2" x 90 DEG. W/NUT	1	1	1	1	1	1	1	1	1
4A	FH-7038	CONDUIT, 1/2" SEALTITE	80"	80"	80"	80"	80"	80"	80"	80"	80"
5	FH-7050	CONNECTOR, 3/8" x 90 DEG. W/NUT	1	1	1	1	1	1	1	1	1
5A	FH-7038	CONDUIT, 3/8" SEALTITE	54"	54"	54"	54"	54"	54"	54"	54"	54"
6	FH-7052	CONNECTOR, 1/2" x 90 DEG. W/NUT	1	1	1	1	1	1	1	1	1
6A	FH-7038	CONDUIT, 1/2" SEALTITE	61"	61"	61"	61"	61"	61"	61"	61"	61"
7	FH-7050	CONNECTOR, 3/8" x 90 DEG. W/NUT	1	1	1	1	1	1	1	1	1
7A	FH-7038	CONDUIT, 3/8" SEALTITE	61"	61"	61"	61"	61"	61"	61"	61"	61"
8	TFH-2048	PLUG, 7/8" HOLE PLUG	2	2	2	2	2	2	2	2	2
9	D03-0057	CONDUIT, 1/2" EMT METALIC	54.5"	54.5"	54.5"	54.5"	54.5"	54.5"	54.5"	54.5"	54.5"
10	HH-1096	CLAMP, 1/2" CONDUIT	1	1	1	1	1	1	1	1	1
11	D03-0075	CONNECTOR, 1/2" EMT TO SEALTITE	1	1	1	1	1	1	1	1	1
12	FH-7052	CONNECTOR, 1/2" x 90 DEG. W/NUT	1	1	1	1	1	1	1	1	1

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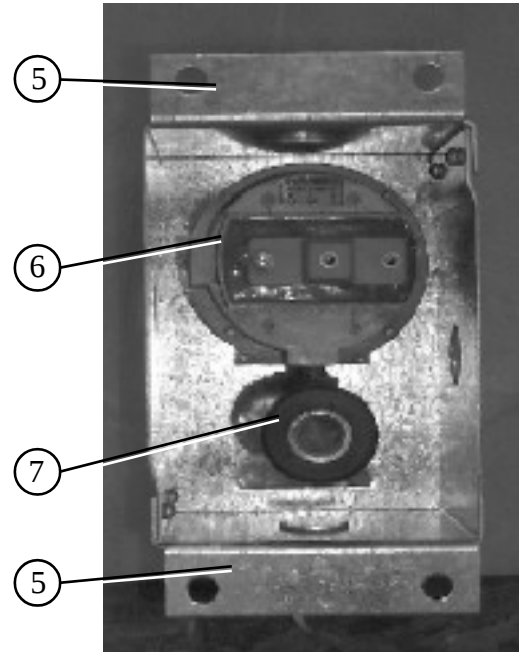
Electrical Wiring & Conduits

Air Switch Assembly

Air switch assembly installed.

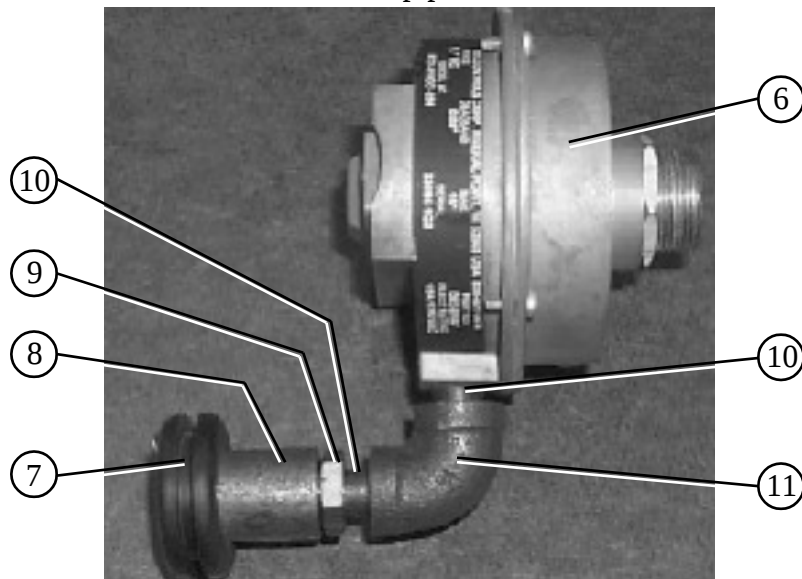


Air switch assembly rear view.



1 2

View of air switch and pipe connections.



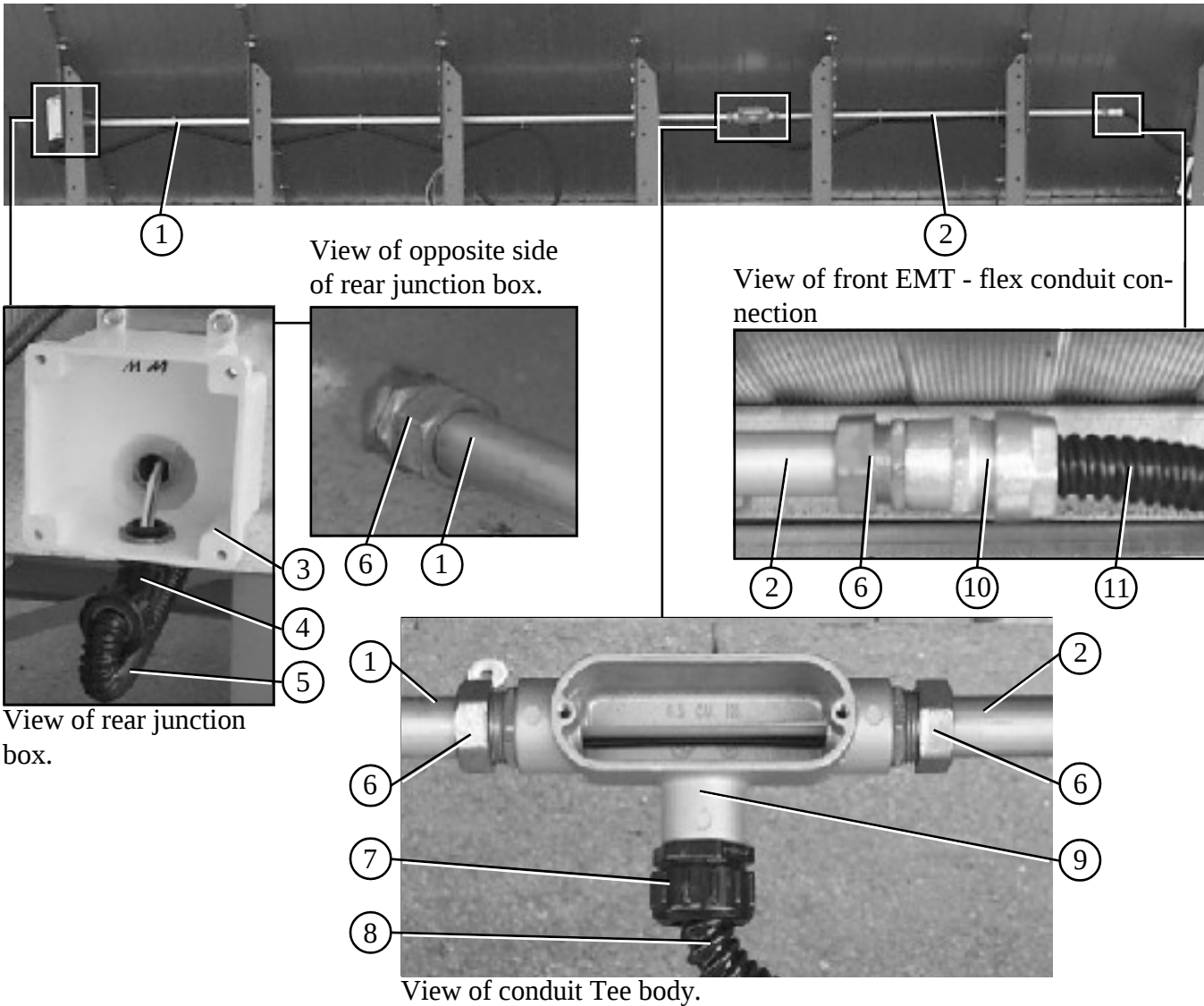
Reference Number	Part Number	Description	All Models
1	FH-7038	CONDUIT, 3/8" SEALTITE	61"
2	FH-7049	CONNECTOR, 3/8" STRAIGHT W/NUT	1
3	DC-1103	DECAL, AIR PRESSURE ADJUSTMENT	1
4	D01-0670	AIRSWITCH BOX FACE PLATE	1
5	D01-0671	AIRSWITCH BOX CONDUIT HALF	2
6	D03-0167	AIR PRESSURE SWITCH	1
7	D03-0177	GROMMET, 11/16" ID x 1" OD	1
8	HF-7227	COUPLING, 1/4" STD BLACK STEEL	1
9	HF-7228	BUSHING, 1/4" - 1/8" BLK. HEX	1
10	HF-7226	NIPPLE, 1/8" CLOSE	2
11	HF-7229	ELBOW, 1/8" - 90 SCH. 40	1

100 Series Parts Manual

Electrical Wiring & Conduits

Moisture Manager Conduit (Option)

View of Moisture Manager Conduit installed.

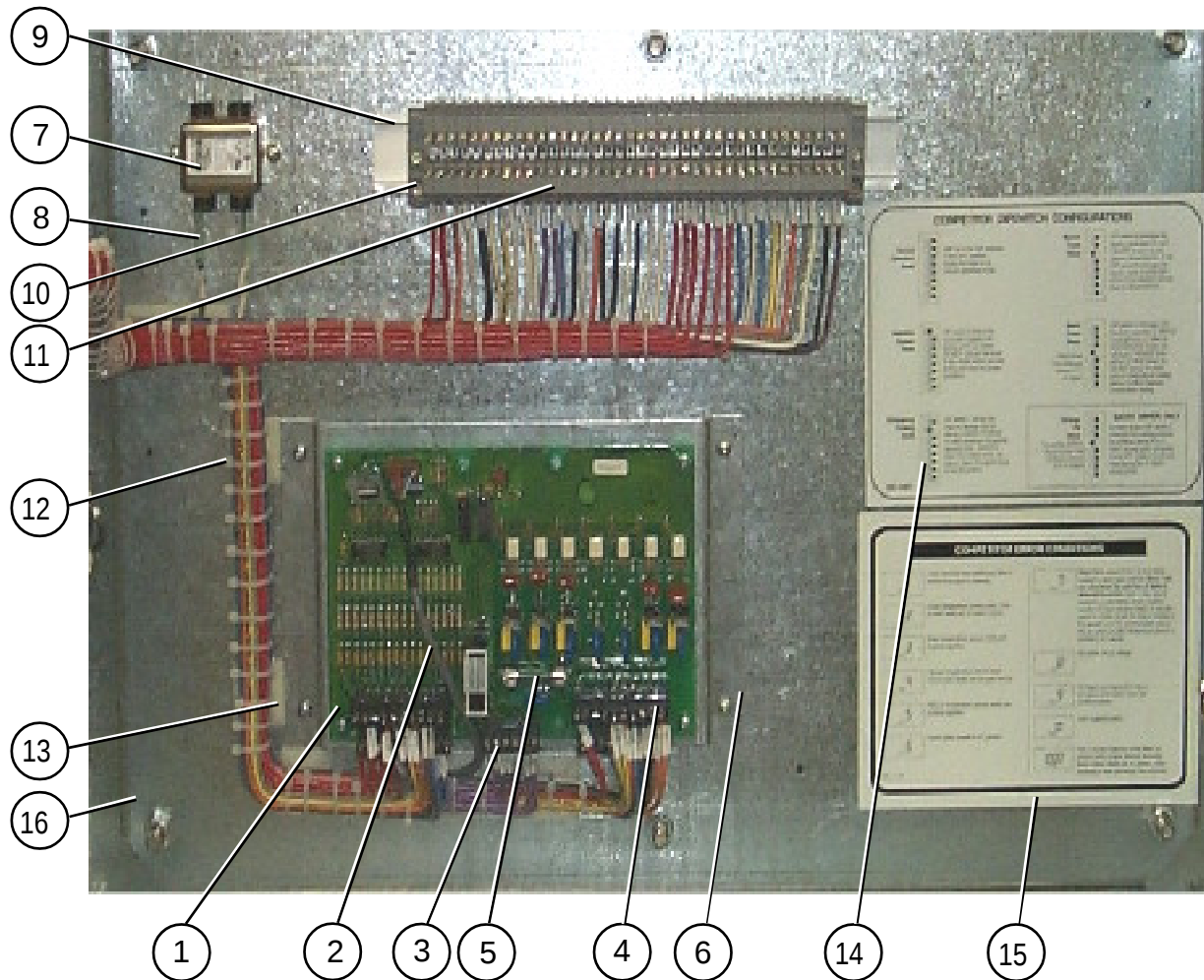


Reference Number	Part Number	Description	108	110	112	114	QTY 116	118	120	122	126
1	D03-0057	CONDUIT, 1/2" EMT METALIC	1'	3'	5'	7'	9'	11'	13'	15'	19'
2	D03-0057	CONDUIT, 1/2" EMT METALIC	3.5'	3.5'	3.5'	3.5'	3.5'	3.5'	3.5'	3.5'	3.5'
3	FLX-2688	ELECTRICAL BOX	1	1	1	1	1	1	1	1	1
	FLX-2689	ELECTRICAL BOX LID	1	1	1	1	1	1	1	1	1
	FLX-2690	ELECTRICAL BOX GASKET	1	1	1	1	1	1	1	1	1
4	FH-7050	CONNECTOR, 3/8" x 90 DEG. W/NUT	4	4	4	4	4	4	4	4	4
5	FH-7038	CONDUIT, 3/8" SEALTITE	8'	8'	8'	8'	8'	8'	8'	8'	8'
6	D03-0054	CONNECTOR, 1/2" MALE EMT COMPRESSION	4	4	4	4	4	4	4	4	4
7	FH-7049	CONNECTOR, 3/8" STRAIGHT W/NUT	1	1	1	1	1	1	1	1	1
8	FH-7038	CONDUIT, 3/8" SEALTITE	3'	3'	3'	3'	3'	3'	3'	3'	3'
9	TFC-0073	CONDUIT BODY, TEE	1	1	1	1	1	1	1	1	1
	TFC-0075	COVER ALUMINUM, CONDUIT BODY	1	1	1	1	1	1	1	1	1
	TFC-0076	NEOPRENE GASKET, CONDUIT BODY	1	1	1	1	1	1	1	1	1
10	D03-0060	CONNECTOR, 3/8" LIQUID-TITE - 1/2" FEMALE	1	1	1	1	1	1	1	1	1
11	FH-7038	CONDUIT, 3/8" SEALTITE	5'	5'	5'	5'	5'	5'	5'	5'	5'
NOT SHOWN	D33-0002	COUPLER, 1/2" EMT COMPRESSION						1	1	1	1

100 Series Parts Manual

Control Box

Lower Control Box

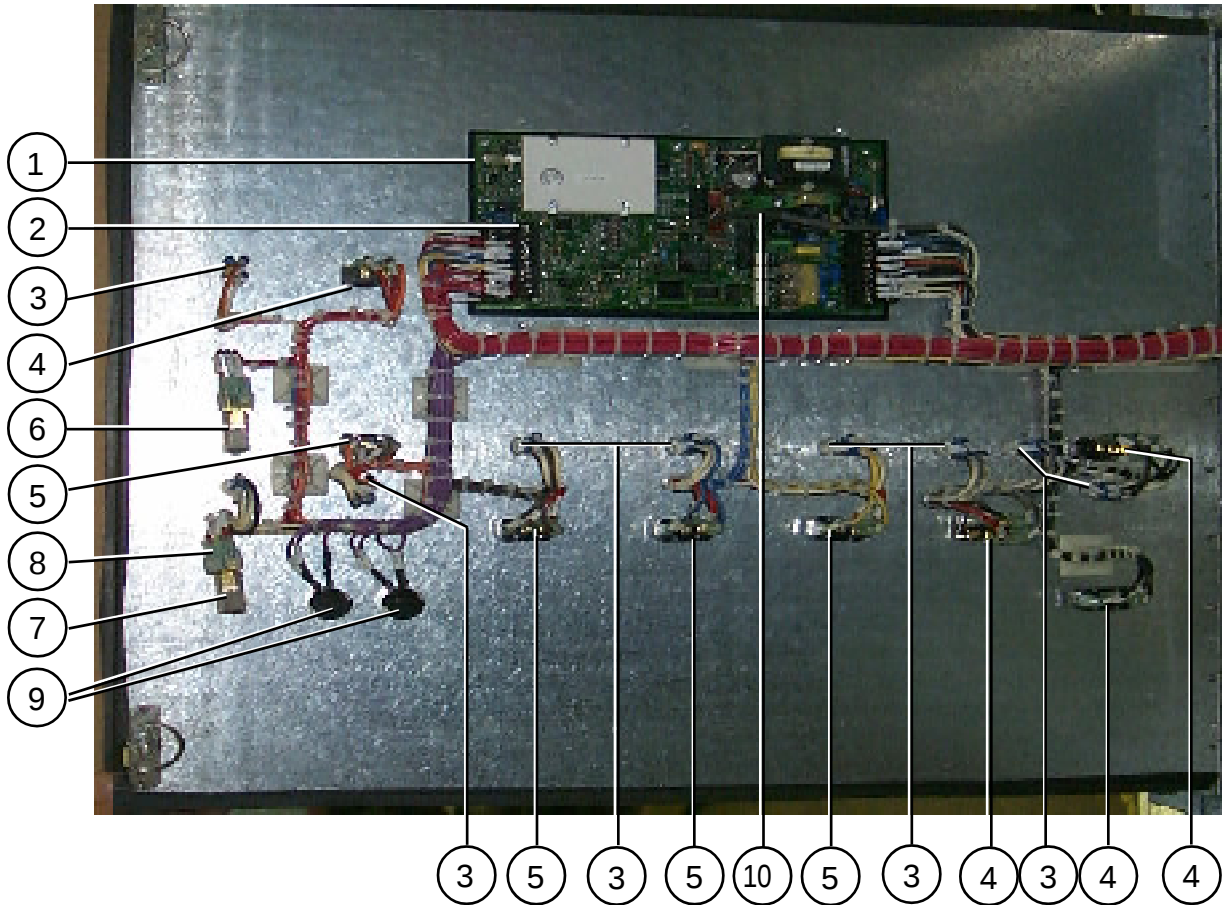


Reference	Description	Circuit	Part Number
1	Input/output Circuit Board	Control	D03-0276
2	Communications Cable	Control	D03-0555
3	Six Wire Plug	Control	D03-0261
4	Ten Wire Plug	Control	D01-0460
5	Fuse	Control	FH-1059
6	I/O Mounting Plate	Misc	D01-1209
7	EMI Filter	Control	D03-0181
8	1/4" Female Conn.	Misc	70-0133
9	Din Rail	Misc	D03-0013
10	Terminal End	Misc	D01-0532
11	Terminal	Misc	D01-0531
12	Wire Tie	Misc	D03-0647
13	Wire Tie Base	Misc	D02-0039
14	Decal-Dip Settings	Safety	DC-1407
15	Decal-Error Codes	Safety	DC-1179

100 Series Parts Manual

Control Box

Lower Control Box

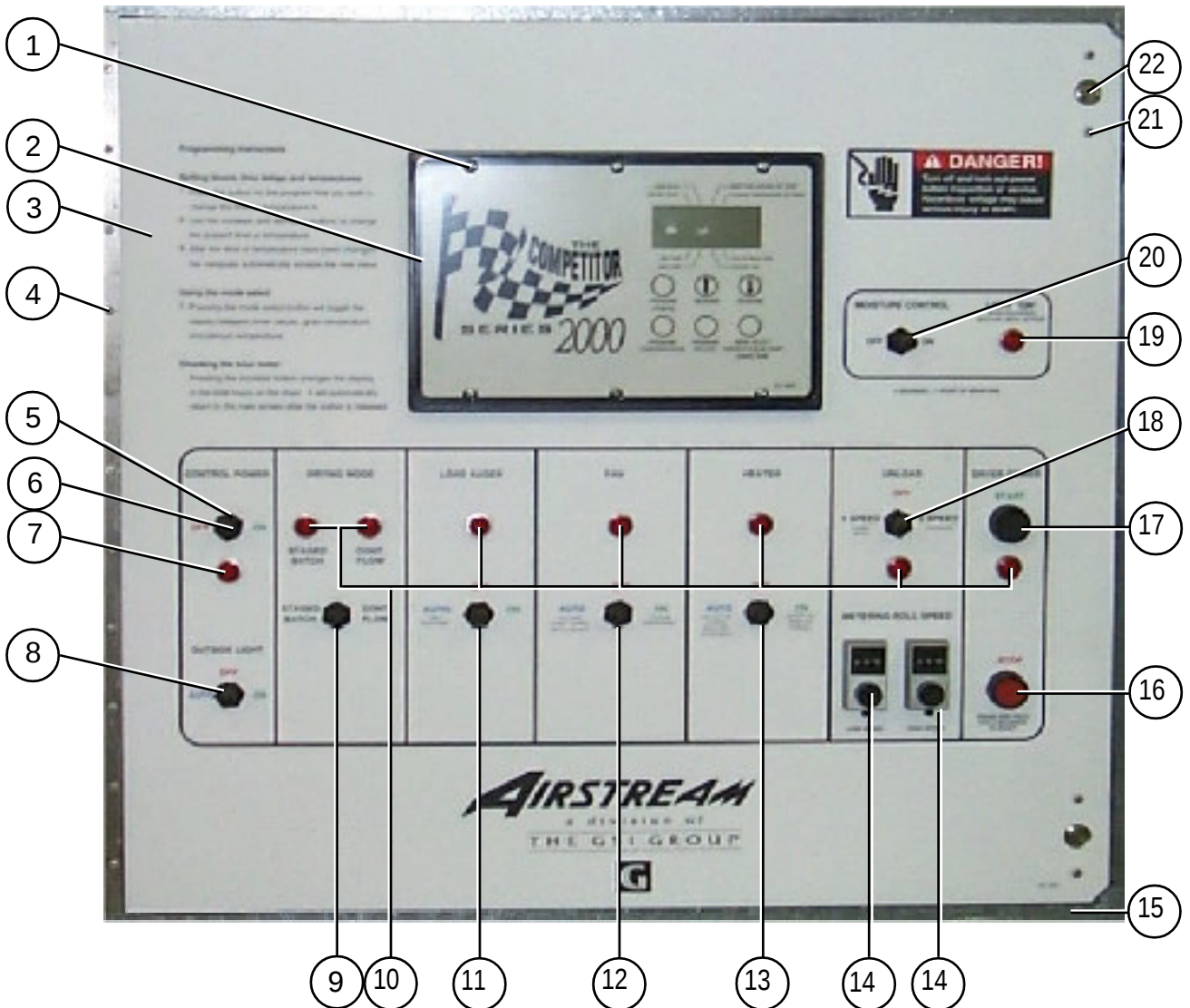


Reference	Description	Circuit	Part Number
1	Display CPU Assembly	Control	D03-0275
2	10 Wire Terminal	Control	D01-0460
3	Neon Light	Control	TFH-2021
4	2 Position Toggle Switch	Control	HH-1442
5	3 Position Toggle Switch	Control	TFC-0013
6	Start Push Button	Control	FH-999
7	Stop Push Button	Control	FH-1000
8	1/4" Female Conn.	Misc	70-0133
9	10K Ohm Potentiometer	Control	D03-0107
10	Communications Cable	Control	D03-0555

100 Series Parts Manual

Control Box

Lower Control Box Control Panel

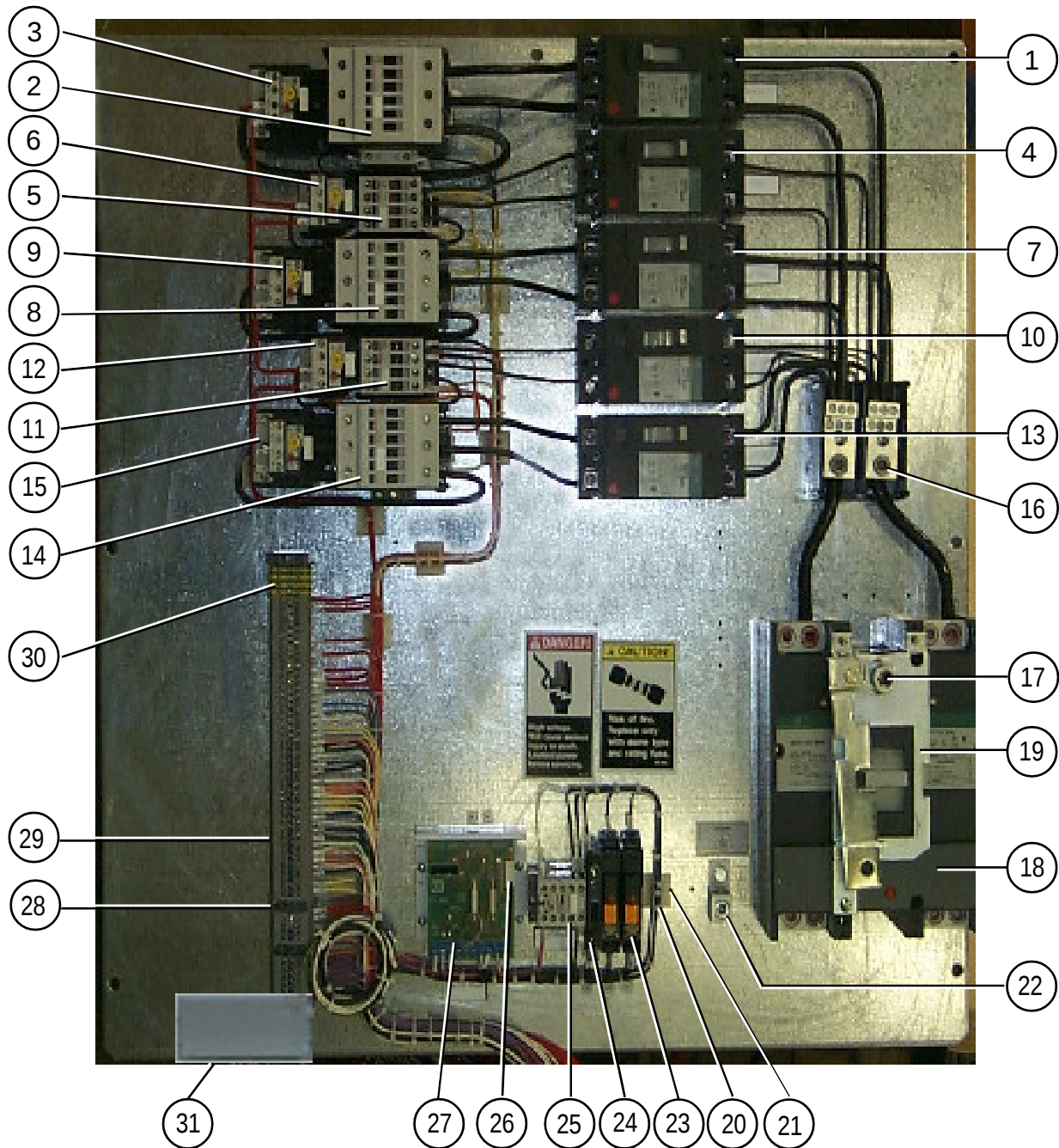


Reference	Description	Circuit	Part Number	Reference	Description	Circuit	Part Number
1	Mounting Screw	Misc	S-1158	12	3 Position Toggle Switch	Control	1775
2	Competitor Decal	Misc	DC-895	13	3 Position Toggle Switch	Control	1775
3	Front Panel Decal	Misc	DC-894	14	SCR Drive Counter	Misc	D03-0108
4	Rivet	Misc	S-7232	15	Metal Front Panel	Misc	D01-1106
5	Black Rubber Boot	Misc	HF-7277	16	Stop Switch	Misc	FH-1000
6	2 Position Toggle Switch	Control	HH-1442	17	Start Switch	Misc	FH-999
7	Neon Light	Misc	TFH-2021	18	3 Position Toggle Switch	Control	1775
8	3 Position Toggle Switch	Control	1775	19	Neon Light	Control	TFH-2021
9	2 Position Toggle Switch	Control	S-7368	20	2 Position Toggle Switch	Control	HH-1442
10	Neon Light	Control	TFH-2021	21	Rivet	Misc	
11	3 Position Toggle Switch	Control	1775	22	Latch	Misc	TF-1519

100 Series Parts Manual

Control Box

Upper Back Panel Parts Layout



100 Series Parts Manual

Control Box

108 Upper Back Panel Part Numbers

Reference	Description	Circuit	108 Part Number				
			220v 1 ph	220v 3 Ph	380v 3 Ph	440v 3 Ph	575v 3 Ph
1	Circuit Breaker	Fan	D03-0510	D03-0461	D03-0425	D03-0546	D03-0532
2	Contactor	Fan	D03-0495	D03-0494	D03-0490	D03-0492	D03-0490
3	Overload	Fan	D03-0493	D03-0482	D03-0476	D03-0476	D03-0479
4	Circuit Breaker	Load	D03-0448	D03-0380	D03-0398	D03-0389	D03-0531
5	Contactor	Load	D03-0488	D03-0488	D03-0488	D03-0488	D03-0488
6	Overload	Load	D03-0474	D03-0472	D03-0471	D03-0471	D03-0543
7	Circuit Breaker	Load Aux	D03-0464	D03-0457	D03-0399	D03-0528	D03-0531
8	Contactor	Load Aux	D03-0494	D03-0491	D03-0489	D03-0489	D03-0489
9	Overload	Load Aux	D03-0482	D03-0477	D03-0475	D03-0474	D03-0473
10	Circuit Breaker	Unload	D03-0379	D03-0380	D03-0398	D03-0389	D03-0531
11	Contactor	Unload	D03-0488	D03-0488	D03-0488	D03-0488	D03-0488
12	Overload	Unload	D03-0473	D03-0471	D03-0543	D03-0541	D03-0541
13	Circuit Breaker	Unload Aux	D03-0464	D03-0457	D03-0399	D03-0528	D03-0531
14	Overload	Unload Aux	D03-0464	D03-0491	D03-0489	D03-0489	D03-0489
15	Contactor	Unload Aux	D03-0494	D03-0477	D03-0475	D03-0474	D03-0473
16	Distribution Block	Power	D03-0105	D35-0001	D35-0001	D35-0001	D35-0001
17	Disconnect Shaft	Power	Included in handle mechanism package				
18	Safety Disconnect	Power	D01-0494	D01-0500	D03-0408	D01-0613	D03-0533
19	Handle Mechanism	Power	D03-0204	D03-0204	D03-0608	D01-0506	D01-0520
20	Wire Tie	Safety	D03-0647	D03-0647	D03-0647	D03-0647	D03-0647
21	Wire Tie Base	Safety	D02-0039	D02-0039	D02-0039	D02-0039	D02-0039
22	Ground Lug	Power	FH-6634	FH-6634	FH-6634	FH-6634	FH-6634
23	FNQ-5 Fuse-Slo Blow	Control	D36-0002	D36-0002	D36-0002	D36-0002	D36-0002
23	Breaker for FNQ-5	Control	D03-0655	D03-0655	D03-0655	D03-0655	D03-0655
24	Fuse Holder	Control	FH-1058	FH-1058	FH-1058	FH-1058	FH-1058
24	5 Amp Fuse	Control	FH-1059	FH-1059	FH-1059	FH-1059	FH-1059
25	Scr Contactor	Meter Roll	D03-0106	D03-0106	D03-0106	D03-0106	D03-0106
26	Scr Resistor	Meter Roll	D03-0039	D03-0039	D03-0039	D03-0039	D03-0039
27	Scr Drive Board	Meter Roll	D03-0104	D03-0104	D03-0104	D03-0104	D03-0104
28	End Block	Control	D01-0533	D01-0533	D01-0533	D01-0533	D01-0533
29	Terminal	Control	D01-0531	D01-0531	D01-0531	D01-0531	D01-0531
30	Ground Terminal	Control	D01-0534	D01-0534	D01-0534	D01-0534	D01-0534
31	Transformer	Control	FH-3807	FH-3807	FH-7027	FH-3807	D03-0270

100 Series Parts Manual

Control Box

110 Upper Back Panel Part Numbers

Reference	Description	Circuit	110 Part Number				
			220v 1 ph	220v 3 Ph	380v 3 Ph	440v 3 Ph	575v 3 Ph
1	Circuit Breaker	Fan	D03-0510	D03-0461	D03-0425	D03-0546	D03-0532
2	Contactor	Fan	D03-0495	D03-0494	D03-0490	D03-0492	D03-0490
3	Overload	Fan	D03-0493	D03-0482	D03-0476	D03-0476	D03-0479
4	Circuit Breaker	Load	D03-0508	D03-0380	D03-0398	D03-0389	D03-0531
5	Contactor	Load	D03-0490	D03-0488	D03-0488	D03-0488	D03-0488
6	Overload	Load	D03-0475	D03-0473	D03-0471	D03-0471	D03-0471
7	Circuit Breaker	Load Aux	D03-0464	D03-0457	D03-0399	D03-0528	D03-0531
8	Contactor	Load Aux	D03-0494	D03-0491	D03-0489	D03-0489	D03-0489
9	Overload	Load Aux	D03-0482	D03-0477	D03-0475	D03-0474	D03-0473
10	Circuit Breaker	Unload	D03-0508	D03-0380	D03-0398	D03-0389	D03-0531
11	Contactor	Unload	D03-0490	D03-0488	D03-0488	D03-0488	D03-0488
12	Overload	Unload	D03-0475	D03-0473	D03-0471	D03-0471	D03-0471
13	Circuit Breaker	Unload Aux	D03-0464	D03-0457	D03-0399	D03-0528	D03-0531
14	Overload	Unload Aux	D03-0464	D03-0491	D03-0489	D03-0489	D03-0489
15	Contactor	Unload Aux	D03-0494	D03-0477	D03-0475	D03-0474	D03-0473
16	Distribution Block	Power	D03-0105	D35-0001	D35-0001	D03-0105	D03-0105
17	Disconnect Shaft	Power	Included in handle mechanism package				
18	Safety Disconnect	Power	D01-0494	D01-0500	D03-0408	D01-0613	D03-0533
19	Handle Mechanism	Power	D03-0204	D03-0204	D03-0608	D01-0506	D01-0520
20	Wire Tie	Safety	D03-0647	D03-0647	D03-0647	D03-0647	D03-0647
21	Wire Tie Base	Safety	D02-0039	D02-0039	D02-0039	D02-0039	D02-0039
22	Ground Lug	Power	FH-6634	FH-6634	FH-6634	FH-6634	FH-6634
23	FNQ-5 Fuse-Slo Blow	Control	D36-0002	D36-0002	D36-0002	D36-0002	D36-0002
23	Breaker for FNQ-5	Control	D03-0655	D03-0655	D03-0655	D03-0655	D03-0655
24	Fuse Holder	Control	FH-1058	FH-1058	FH-1058	FH-1058	FH-1058
24	5 Amp Fuse	Control	FH-1059	FH-1059	FH-1059	FH-1059	FH-1059
25	Scr Contactor	Meter Roll	D03-0106	D03-0106	D03-0106	D03-0106	D03-0106
26	Scr Resistor	Meter Roll	D03-0039	D03-0039	D03-0039	D03-0039	D03-0039
27	Scr Drive Board	Meter Roll	D03-0104	D03-0104	D03-0104	D03-0104	D03-0104
28	End Block	Control	D01-0533	D01-0533	D01-0533	D01-0533	D01-0533
29	Terminal	Control	D01-0531	D01-0531	D01-0531	D01-0531	D01-0531
30	Ground Terminal	Control	D01-0534	D01-0534	D01-0534	D01-0534	D01-0534
31	Transformer	Control	FH-3807	FH-3807	FH-7027	FH-3807	D03-0270

100 Series Parts Manual

Control Box

112 Upper Back Panel Part Numbers

Reference	Description	Circuit	112 Part Number				
			220v 1 ph	220v 3 Ph	380v 3 Ph	440v 3 Ph	575v 3 Ph
1	Circuit Breaker	Fan	D03-0466	D03-0465	D03-0401	D03-0529	D03-0532
2	Contacto	Fan	D03-0497	D03-0494	D03-0492	D03-0492	D03-0490
3	Overload	Fan	D03-0485	D03-0482	D03-0479	D03-0477	D03-0476
4	Circuit Breaker	Load	D03-0508	D03-0380	D03-0398	D03-0389	D03-0531
5	Contacto	Load	D03-0490	D03-0488	D03-0488	D03-0488	D03-0488
6	Overload	Load	D03-0475	D03-0473	D03-0471	D03-0471	D03-0471
7	Circuit Breaker	Load Aux	D03-0464	D03-0457	D03-0399	D03-0528	D03-0531
8	Contacto	Load Aux	D03-0494	D03-0491	D03-0489	D03-0489	D03-0489
9	Overload	Load Aux	D03-0482	D03-0477	D03-0475	D03-0474	D03-0473
10	Circuit Breaker	Unload	D03-0448	D03-0380	D03-0398	D03-0389	D03-0531
11	Contacto	Unload	D03-0488	D03-0488	D03-0488	D03-0488	D03-0488
12	Overload	Unload	D03-0474	D03-0472	D03-0471	D03-0471	D03-0543
13	Circuit Breaker	Unload Aux	D03-0464	D03-0457	D03-0399	D03-0528	D03-0531
14	Overload	Unload Aux	D03-0464	D03-0491	D03-0489	D03-0489	D03-0489
15	Contacto	Unload Aux	D03-0494	D03-0477	D03-0475	D03-0474	D03-0473
16	Distribution Block	Power	D03-0105	D35-0001	D35-0001	D35-0001	D35-0001
17	Disconnect Shaft	Power	Included in handle mechanism package				
18	Safety Disconnect	Power	D01-0491	D01-0498	D03-0408	D01-0613	D03-0533
19	Handle Mechanism	Power	D03-0204	D03-0204	D03-0608	D01-0506	D01-0520
20	Wire Tie	Safety	D03-0647	D03-0647	D03-0647	D03-0647	D03-0647
21	Wire Tie Base	Safety	D02-0039	D02-0039	D02-0039	D02-0039	D02-0039
22	Ground Lug	Power	FH-6634	FH-6634	FH-6634	FH-6634	FH-6634
23	FNQ-5 Fuse-Slo Blow	Control	D36-0002	D36-0002	D36-0002	D36-0002	D36-0002
23	Breaker for FNQ-5	Control	D03-0655	D03-0655	D03-0655	D03-0655	D03-0655
24	Fuse Holder	Control	FH-1058	FH-1058	FH-1058	FH-1058	FH-1058
24	5 Amp Fuse	Control	FH-1059	FH-1059	FH-1059	FH-1059	FH-1059
25	Scr Contactor	Meter Roll	D03-0106	D03-0106	D03-0106	D03-0106	D03-0106
26	Scr Resistor	Meter Roll	D03-0039	D03-0039	D03-0039	D03-0039	D03-0039
27	Scr Drive Board	Meter Roll	D03-0104	D03-0104	D03-0104	D03-0104	D03-0104
28	End Block	Control	D01-0533	D01-0533	D01-0533	D01-0533	D01-0533
29	Terminal	Control	D01-0531	D01-0531	D01-0531	D01-0531	D01-0531
30	Ground Terminal	Control	D01-0534	D01-0534	D01-0534	D01-0534	D01-0534
31	Transformer	Control	FH-3807	FH-3807	FH-7027	FH-3807	D03-0270

100 Series Parts Manual

Control Box

114 Upper Back Panel Part Numbers

Reference	Description	Circuit	114 Part Number				
			220v 1 ph	220v 3 Ph	380v 3 Ph	440v 3 Ph	575v 3 Ph
1	Circuit Breaker	Fan	D03-0466	D03-0465	D03-0401	D03-0529	D03-0532
2	Contactor	Fan	D03-0497	D03-0494	D03-0492	D03-0492	D03-0490
3	Overload	Fan	D03-0485	D03-0482	D03-0479	D03-0477	D03-0476
4	Circuit Breaker	Load	D03-0452	D03-0449	D03-0398	D03-0389	D03-0531
5	Contactor	Load	D03-0491	D03-0489	D03-0488	D03-0488	D03-0488
6	Overload	Load	D03-0477	D03-0474	D03-0472	D03-0473	D03-0471
7	Circuit Breaker	Load Aux	D03-0464	D03-0457	D03-0399	D03-0528	D03-0531
8	Contactor	Load Aux	D03-0494	D03-0491	D03-0489	D03-0489	D03-0489
9	Overload	Load Aux	D03-0482	D03-0477	D03-0475	D03-0474	D03-0473
10	Circuit Breaker	Unload	D03-0452	D03-0449	D03-0398	D03-0389	D03-0531
11	Contactor	Unload	D03-0491	D03-0489	D03-0488	D03-0488	D03-0488
12	Overload	Unload	D03-0477	D03-0474	D03-0472	D03-0473	D03-0471
13	Circuit Breaker	Unload Aux	D03-0464	D03-0457	D03-0399	D03-0528	D03-0531
14	Overload	Unload Aux	D03-0464	D03-0491	D03-0489	D03-0489	D03-0489
15	Contactor	Unload Aux	D03-0494	D03-0477	D03-0475	D03-0474	D03-0473
16	Distribution Block	Power	D03-0105	D35-0001	D35-0001	D35-0001	D35-0001
17	Disconnect Shaft	Power	Include in handle mechanism package				
18	Safety Disconnect	Power	D01-0493	D01-0498	D03-0408	D03-0271	D03-0533
19	Handle Mechanism	Power	D03-0204	D03-0204	D03-0608	D01-0506	D01-0520
20	Wire Tie	Safety	D03-0647	D03-0647	D03-0647	D03-0647	D03-0647
21	Wire Tie Base	Safety	D02-0039	D02-0039	D02-0039	D02-0039	D02-0039
22	Ground Lug	Power	FH-6634	FH-6634	FH-6634	FH-6634	FH-6634
23	FNQ-5 Fuse-Slo Blow	Control	D36-0002	D36-0002	D36-0002	D36-0002	D36-0002
23	Breaker for FNQ-5	Control	D03-0655	D03-0655	D03-0655	D03-0655	D03-0655
24	Fuse Holder	Control	FH-1058	FH-1058	FH-1058	FH-1058	FH-1058
24	5 Amp Fuse	Control	FH-1059	FH-1059	FH-1059	FH-1059	FH-1059
25	Scr Contactor	Meter Roll	D03-0106	D03-0106	D03-0106	D03-0106	D03-0106
26	Scr Resistor	Meter Roll	D03-0039	D03-0039	D03-0039	D03-0039	D03-0039
27	Scr Drive Board	Meter Roll	D03-0104	D03-0104	D03-0104	D03-0104	D03-0104
28	End Block	Control	D01-0533	D01-0533	D01-0533	D01-0533	D01-0533
29	Terminal	Control	D01-0531	D01-0531	D01-0531	D01-0531	D01-0531
30	Ground Terminal	Control	D01-0534	D01-0534	D01-0534	D01-0534	D01-0534
31	Transformer	Control	FH-3807	FH-3807	FH-7027	FH-3807	D03-0270

100 Series Parts Manual

Control Box

116 Upper Back Panel Part Numbers

Reference	Description	Circuit	116 Part Number				
			220v 1 ph	220v 3 Ph	380v 3 Ph	440v 3 Ph	575v 3 Ph
1	Circuit Breaker	Fan	D03-0466	D03-0465	D03-0401	D03-0529	D03-0532
2	Contactor	Fan	D03-0497	D03-0494	D03-0492	D03-0492	D03-0490
3	Overload	Fan	D03-0485	D03-0482	D03-0479	D03-0477	D03-0476
4	Circuit Breaker	Load	D03-0460	D03-0451	D03-0398	D03-0389	D03-0531
5	Contactor	Load	D03-0492	D03-0490	D03-0488	D03-0488	D03-0488
6	Overload	Load	D03-0478	D03-0475	D03-0473	D03-0473	D03-0472
7	Circuit Breaker	Load Aux	D03-0510	D03-0461	D03-0425	D03-0545	D03-0395
8	Contactor	Load Aux	D03-0495	D03-0492	D03-0490	D03-0490	D03-0489
9	Overload	Load Aux	D03-0483	D03-0479	D03-0476	D03-0475	D03-0475
10	Circuit Breaker	Unload	D03-0460	D03-0451	D03-0398	D03-0389	D03-0531
11	Contactor	Unload	D03-0492	D03-0490	D03-0488	D03-0488	D03-0488
12	Overload	Unload	D03-0478	D03-0475	D03-0473	D03-0473	D03-0472
13	Circuit Breaker	Unload Aux	D03-0510	D03-0461	D03-0425	D03-0545	D03-0395
14	Overload	Unload Aux	D03-0495	D03-0492	D03-0490	D03-0490	D03-0489
15	Contactor	Unload Aux	D03-0483	D03-0479	D03-0476	D03-0475	D03-0475
16	Distribution Block	Power	D03-0105	D35-0001	D35-0001	D35-0001	D35-0001
17	Disconnect Shaft	Power	Included in handle mechanism package				
18	Safety Disconnect	Power	D01-0493	D01-0450	D03-0408	D03-0271	D03-0533
19	Handle Mechanism	Power	D01-0506	D03-0204	D03-0608	D01-0506	D01-0520
20	Wire Tie	Safety	D03-0647	D03-0647	D03-0647	D03-0647	D03-0647
21	Wire Tie Base	Safety	D02-0039	D02-0039	D02-0039	D02-0039	D02-0039
22	Ground Lug	Power	FH-6634	FH-6634	FH-6634	FH-6634	FH-6634
23	FNQ-5 Fuse-Slo Blow	Control	D36-0002	D36-0002	D36-0002	D36-0002	D36-0002
23	Breaker for FNQ-5	Control	D03-0655	D03-0655	D03-0655	D03-0655	D03-0655
24	Fuse Holder	Control	FH-1058	FH-1058	FH-1058	FH-1058	FH-1058
24	5 Amp Fuse	Control	FH-1059	FH-1059	FH-1059	FH-1059	FH-1059
25	Scr Contactor	Meter Roll	D03-0106	D03-0106	D03-0106	D03-0106	D03-0106
26	Scr Resistor	Meter Roll	D03-0039	D03-0039	D03-0039	D03-0039	D03-0039
27	Scr Drive Board	Meter Roll	D03-0104	D03-0104	D03-0104	D03-0104	D03-0104
28	End Block	Control	D01-0533	D01-0533	D01-0533	D01-0533	D01-0533
29	Terminal	Control	D01-0531	D01-0531	D01-0531	D01-0531	D01-0531
30	Ground Terminal	Control	D01-0534	D01-0534	D01-0534	D01-0534	D01-0534
31	Transformer	Control	FH-3807	FH-3807	FH-7027	FH-3807	D03-0270

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Control Box

118 Upper Back Panel Part Numbers

Reference	Description	Circuit	118 Part Number				
			220v 1 ph	220v 3 Ph	380v 3 Ph	440v 3 Ph	575v 3 Ph
1	Circuit Breaker	Fan	N/A	D03-0468	D03-0402	D03-0184	D03-0435
2	Contactor	Fan	N/A	D03-0495	D03-0493	D03-0492	D03-0492
3	Overload	Fan	N/A	D03-0483	D03-0480	D03-0479	D03-0477
4	Circuit Breaker	Load	N/A	D03-0449	D03-0398	D03-0389	D03-0531
5	Contactor	Load	N/A	D03-0489	D03-0488	D03-0488	D03-0488
6	Overload	Load	N/A	D03-0474	D03-0472	D03-0473	D03-0471
7	Circuit Breaker	Load Aux	N/A	D03-0457	D03-0399	D03-0528	D03-0531
8	Contactor	Load Aux	N/A	D03-0491	D03-0489	D03-0489	D03-0489
9	Overload	Load Aux	N/A	D03-0477	D03-0475	D03-0474	D03-0473
10	Circuit Breaker	Unload	N/A	D03-0449	D03-0398	D03-0389	D03-0531
11	Contactor	Unload	N/A	D03-0489	D03-0488	D03-0488	D03-0488
12	Overload	Unload	N/A	D03-0474	D03-0472	D03-0473	D03-0471
13	Circuit Breaker	Unload Aux	N/A	D03-0457	D03-0399	D03-0528	D03-0531
14	Overload	Unload Aux	N/A	D03-0491	D03-0489	D03-0489	D03-0489
15	Contactor	Unload Aux	N/A	D03-0477	D03-0475	D03-0474	D03-0473
16	Distribution Block	Power	N/A	D35-0001	D35-0001	D35-0001	D35-0001
17	Disconnect Shaft	Power	N/A	Included in handle mechanism package			
18	Safety Disconnect	Power	N/A	D01-0503	D03-0566	D03-0271	D03-0175
19	Handle Mechanism	Power	N/A	D01-0506	D03-0608	D01-0506	D01-0520
20	Wire Tie	Safety	N/A	D03-0647	D03-0647	D03-0647	D03-0647
21	Wire Tie Base	Safety	N/A	D02-0039	D02-0039	D02-0039	D02-0039
22	Ground Lug	Power	N/A	FH-6634	FH-6634	FH-6634	FH-6634
23	FNQ-5 Fuse-Slo Blow	Control	N/A	D36-0002	D36-0002	D36-0002	D36-0002
23	Breaker for FNQ-5	Control	N/A	D03-0655	D03-0655	D03-0655	D03-0655
24	Fuse Holder	Control	N/A	FH-1058	FH-1058	FH-1058	FH-1058
24	5 Amp Fuse	Control	N/A	FH-1059	FH-1059	FH-1059	FH-1059
25	Scr Contactor	Meter Roll	N/A	D03-0106	D03-0106	D03-0106	D03-0106
26	Scr Resistor	Meter Roll	N/A	D03-0039	D03-0039	D03-0039	D03-0039
27	Scr Drive Board	Meter Roll	N/A	D03-0104	D03-0104	D03-0104	D03-0104
28	End Block	Control	N/A	D01-0533	D01-0533	D01-0533	D01-0533
29	Terminal	Control	N/A	D01-0531	D01-0531	D01-0531	D01-0531
30	Ground Terminal	Control	N/A	D01-0534	D01-0534	D01-0534	D01-0534
31	Transformer	Control	N/A	FH-3807	FH-7027	FH-3807	D03-0270

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Control Box

120 Upper Back Panel Part Numbers

Reference	Description	Circuit	120 Part Number				
			220v 1 ph	220v 3 Ph	380v 3 Ph	440v 3 Ph	575v 3 Ph
1	Circuit Breaker	Fan	N/A	D03-0467	D03-0526	D03-0547	D03-0141
2	Contactor	Fan	N/A	D03-0496	D03-0494	D03-0494	D03-0492
3	Overload	Fan	N/A	D03-0485	D03-0482	D03-0482	D03-0479
4	Circuit Breaker	Load	N/A	D03-0457	D03-0399	D03-0528	D03-0531
5	Contactor	Load	N/A	D03-0491	D03-0489	D03-0489	D03-0489
6	Overload	Load	N/A	D03-0477	D03-0475	D03-0474	D03-0473
7	Circuit Breaker	Load Aux	N/A	D03-0465	D03-0401	D03-0529	D03-0532
8	Contactor	Load Aux	N/A	D03-0494	D03-0492	D03-0492	D03-0490
9	Overload	Load Aux	N/A	D03-0482	D03-0479	D03-0477	D03-0476
10	Circuit Breaker	Unload	N/A	D03-0457	D03-0399	D03-0528	D03-0531
11	Contactor	Unload	N/A	D03-0491	D03-0489	D03-0489	D03-0489
12	Overload	Unload	N/A	D03-0477	D03-0475	D03-0474	D03-0473
13	Circuit Breaker	Unload Aux	N/A	D03-0465	D03-0401	D03-0529	D03-0532
14	Overload	Unload Aux	N/A	D03-0494	D03-0492	D03-0492	D03-0490
15	Contactor	Unload Aux	N/A	D03-0482	D03-0479	D03-0477	D03-0476
16	Distribution Block	Power	N/A	D35-0001	D35-0001	D35-0001	D35-0001
17	Disconnect Shaft	Power	N/A	Included in handle mechanism package			
18	Safety Disconnect	Power	N/A	D01-0475	D03-0573	D03-0548	D03-0175
19	Handle Mechanism	Power	N/A	D01-0506	D03-0608	D01-0506	D01-0520
20	Wire Tie	Safety	N/A	D03-0647	D03-0647	D03-0647	D03-0647
21	Wire Tie Base	Safety	N/A	D02-0039	D02-0039	D02-0039	D02-0039
22	Ground Lug	Power	N/A	FH-6634	FH-6634	FH-6634	FH-6634
23	FNQ-5 Fuse-Slo Blow	Control	N/A	D36-0002	D36-0002	D36-0002	D36-0002
23	Breaker for FNQ-5	Control	N/A	D03-0655	D03-0655	D03-0655	D03-0655
24	Fuse Holder	Control	N/A	FH-1058	FH-1058	FH-1058	FH-1058
24	5 Amp Fuse	Control	N/A	FH-1059	FH-1059	FH-1059	FH-1059
25	Scr Contactor	Meter Roll	N/A	D03-0106	D03-0106	D03-0106	D03-0106
26	Scr Resistor	Meter Roll	N/A	D03-0039	D03-0039	D03-0039	D03-0039
27	Scr Drive Board	Meter Roll	N/A	D03-0104	D03-0104	D03-0104	D03-0104
28	End Block	Control	N/A	D01-0533	D01-0533	D01-0533	D01-0533
29	Terminal	Control	N/A	D01-0531	D01-0531	D01-0531	D01-0531
30	Ground Terminal	Control	N/A	D01-0534	D01-0534	D01-0534	D01-0534
31	Transformer	Control	N/A	FH-3807	FH-7027	FH-3807	D03-0270

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Control Box

122 Upper Back Panel Part Numbers

Reference	Description	Circuit	122 Part Number				
			220v 1 ph	220v 3 Ph	380v 3 Ph	440v 3 Ph	575v 3 Ph
1	Circuit Breaker	Fan	N/A	D03-0144	D03-0527	D03-0530	D03-0141
2	Contactor	Fan	N/A	D03-0497	D03-0494	D03-0494	D03-0494
3	Overload	Fan	N/A	D03-0485	D03-0483	D03-0482	D03-0481
4	Circuit Breaker	Load	N/A	D03-0457	D03-0399	D03-0528	D03-0531
5	Contactor	Load	N/A	D03-0491	D03-0489	D03-0489	D03-0489
6	Overload	Load	N/A	D03-0477	D03-0475	D03-0474	D03-0473
7	Circuit Breaker	Load Aux	N/A	D03-0465	D03-0401	D03-0529	D03-0532
8	Contactor	Load Aux	N/A	D03-0494	D03-0492	D03-0492	D03-0490
9	Overload	Load Aux	N/A	D03-0482	D03-0479	D03-0477	D03-0476
10	Circuit Breaker	Unload	N/A	D03-0457	D03-0399	D03-0528	D03-0531
11	Contactor	Unload	N/A	D03-0491	D03-0489	D03-0489	D03-0489
12	Overload	Unload	N/A	D03-0477	D03-0475	D03-0474	D03-0473
13	Circuit Breaker	Unload Aux	N/A	D03-0465	D03-0401	D03-0529	D03-0532
14	Overload	Unload Aux	N/A	D03-0494	D03-0492	D03-0492	D03-0490
15	Contactor	Unload Aux	N/A	D03-0482	D03-0479	D03-0477	D03-0476
16	Distribution Block	Power	N/A	D35-0001	D03-0105	D03-0105	D03-0105
17	Disconnect Shaft	Power	N/A	Included in handle mechanism package			
18	Safety Disconnect	Power	N/A	D01-0497	D01-0450	D03-0548	D03-0175
19	Handle Mechanism	Power	N/A	D01-0506	D03-0608	D01-0506	D01-0520
20	Wire Tie	Safety	N/A	D03-0647	D03-0647	D03-0647	D03-0647
21	Wire Tie Base	Safety	N/A	D02-0039	D02-0039	D02-0039	D02-0039
22	Ground Lug	Power	N/A	FH-6634	FH-6634	FH-6634	FH-6634
23	FNQ-5 Fuse-Slo Blow	Control	N/A	D36-0002	D36-0002	D36-0002	D36-0002
23	Breaker for FNQ-5	Control	N/A	D03-0655	D03-0655	D03-0655	D03-0655
24	Fuse Holder	Control	N/A	FH-1058	FH-1058	FH-1058	FH-1058
24	5 Amp Fuse	Control	N/A	FH-1059	FH-1059	FH-1059	FH-1059
25	Scr Contactor	Meter Roll	N/A	D03-0106	D03-0106	D03-0106	D03-0106
26	Scr Resistor	Meter Roll	N/A	D03-0039	D03-0039	D03-0039	D03-0039
27	Scr Drive Board	Meter Roll	N/A	D03-0104	D03-0104	D03-0104	D03-0104
28	End Block	Control	N/A	D01-0533	D01-0533	D01-0533	D01-0533
29	Terminal	Control	N/A	D01-0531	D01-0531	D01-0531	D01-0531
30	Ground Terminal	Control	N/A	D01-0534	D01-0534	D01-0534	D01-0534
31	Transformer	Control	N/A	FH-3807	FH-7027	FH-3807	D03-0270

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Control Box

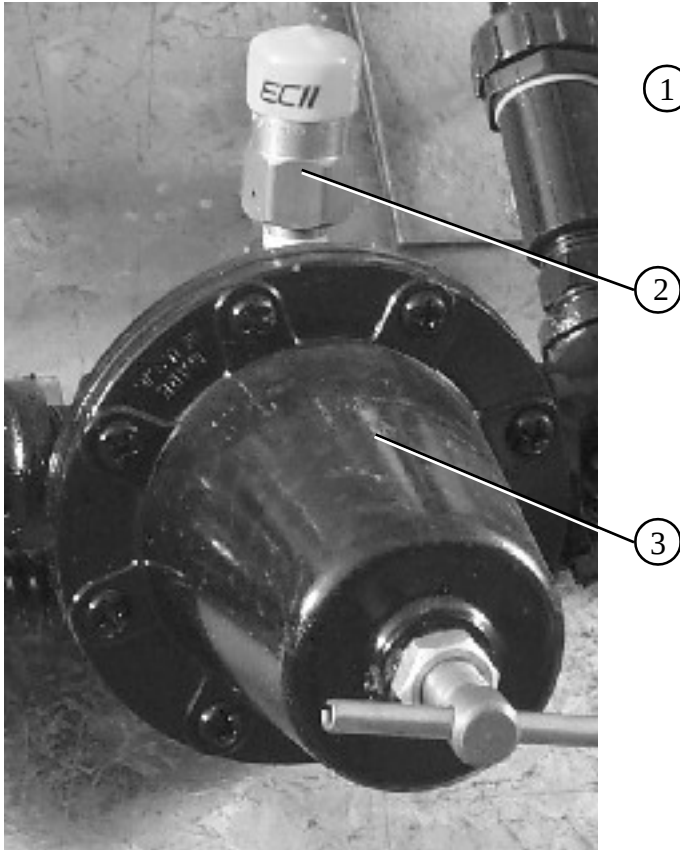
126 Upper Back Panel Part Numbers

Reference	Description	Circuit	126 Part Number				
			220v 1 ph	220v 3 Ph	280v 3 Ph	440v 3 Ph	575v 3 Ph
1	Circuit Breaker	Fan	N/A	D03-0500	D03-0406	D03-0140	D03-0418
2	Contactor	Fan	N/A	D03-0498	D03-0495	D03-0495	D03-0494
3	Overload	Fan	N/A	D03-0487	D03-0484	D03-0483	D03-0482
4	Circuit Breaker	Load	N/A	D03-0457	D03-0399	D03-0528	D03-0531
5	Contactor	Load	N/A	D03-0491	D03-0489	D03-0489	D03-0489
6	Overload	Load	N/A	D03-0477	D03-0475	D03-0474	D03-0473
7	Circuit Breaker	Load Aux	N/A	D03-0465	D03-0401	D03-0529	D03-0532
8	Contactor	Load Aux	N/A	D03-0494	D03-0492	D03-0492	D03-0490
9	Overload	Load Aux	N/A	D03-0482	D03-0479	D03-0477	D03-0476
10	Circuit Breaker	Unload	N/A	D03-0457	D03-0399	D03-0528	D03-0531
11	Contactor	Unload	N/A	D03-0491	D03-0489	D03-0489	D03-0489
12	Overload	Unload	N/A	D03-0477	D03-0475	D03-0474	D03-0473
13	Circuit Breaker	Unload Aux	N/A	D03-0465	D03-0401	D03-0529	D03-0532
14	Overload	Unload Aux	N/A	D03-0494	D03-0492	D03-0492	D03-0490
15	Contactor	Unload Aux	N/A	D03-0482	D03-0479	D03-0477	D03-0476
16	Distribution Block	Power	N/A	D35-0001	D35-0001	D35-0001	D35-0001
17	Disconnect Shaft	Power	N/A	Included in handle mechanism package			
18	Safety Disconnect	Power	N/A	D01-0505	D03-0572	D03-0535	D03-0175
19	Handle Mechanism	Power	N/A	D01-0506	D01-0506	D01-0506	D01-0520
20	Wire Tie	Safety	N/A	D03-0647	D03-0647	D03-0647	D03-0647
21	Wire Tie Base	Safety	N/A	D02-0039	D02-0039	D02-0039	D02-0039
22	Ground Lug	Power	N/A	FH-6634	FH-6634	FH-6634	FH-6634
23	FNQ-5 Fuse-Slo Blow	Control	N/A	D36-0002	D36-0002	D36-0002	D36-0002
23	Breaker for FNQ-5	Control	N/A	D03-0655	D03-0655	D03-0655	D03-0655
24	Fuse Holder	Control	N/A	FH-1058	FH-1058	FH-1058	FH-1058
24	5 Amp Fuse	Control	N/A	FH-1059	FH-1059	FH-1059	FH-1059
25	Scr Contactor	Meter Roll	N/A	D03-0106	D03-0106	D03-0106	D03-0106
26	Scr Resistor	Meter Roll	N/A	D03-0039	D03-0039	D03-0039	D03-0039
27	Scr Drive Board	Meter Roll	N/A	D03-0104	D03-0104	D03-0104	D03-0104
28	End Block	Control	N/A	D01-0533	D01-0533	D01-0533	D01-0533
29	Terminal	Control	N/A	D01-0531	D01-0531	D01-0531	D01-0531
30	Ground Terminal	Control	N/A	D01-0534	D01-0534	D01-0534	D01-0534
31	Transformer	Control	N/A	FH-3807	FH-7027	FH-3807	D03-0270

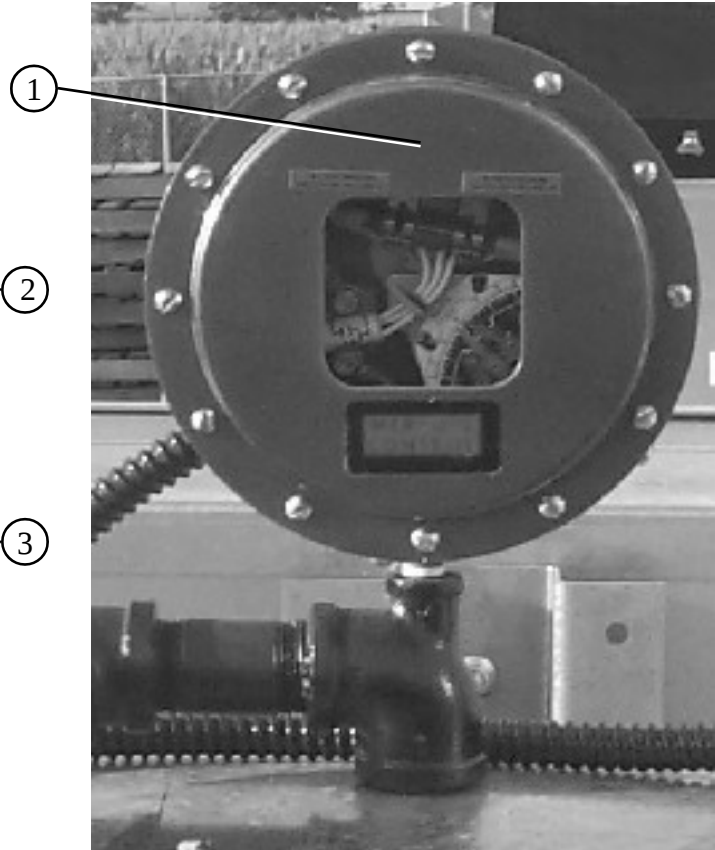
100 Series Parts Manual

Canadian Fan Heater Pipe Train Add On Parts

View of regulator and relief valve on L. P.
Pipe Train Assemblies.



View of gas pressure switch (mercoid).



Reference Number	Part Number	Description	L.P. Models	N.G. Models
1	D03-0208	GAS PRESSURE SWITCH NAT. GAS (MERCROID)		1
1	D03-0209	GAS PRESSURE SWITCH L.P. (MERCROID)	1	
2	THH-4111	VALVE, 1/4" NPT 50 PSI RELIEF	1	
3	TFC-0023	REGULATOR, 1/2" NPT - CSA (26"-28" FAN-HEATER LP PIPE TRAINS)	1	
3	TFC-0020	REGULATOR, 3/4" NPT - CSA (36"-42" FAN-HEATER LP PIPE TRAINS)	1	

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Stainless Steel Parts

The parts called out in this manual are based on a dryer with no stainless steel options (all parts in this manual are for galvanized dryers). If your dryer has stainless steel parts that need to be replaced contact your GSI dealer or the GSI Group in Assumption, IL.

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Notes

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a division of
THE GSI GROUP



1004 E. Illinois St., Box 20
Assumption, IL 62510-0020
phone: 217-226-4421
fax: 217-226-4498

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