



ULINE H-951 Shrink Tunnel Installation Guide

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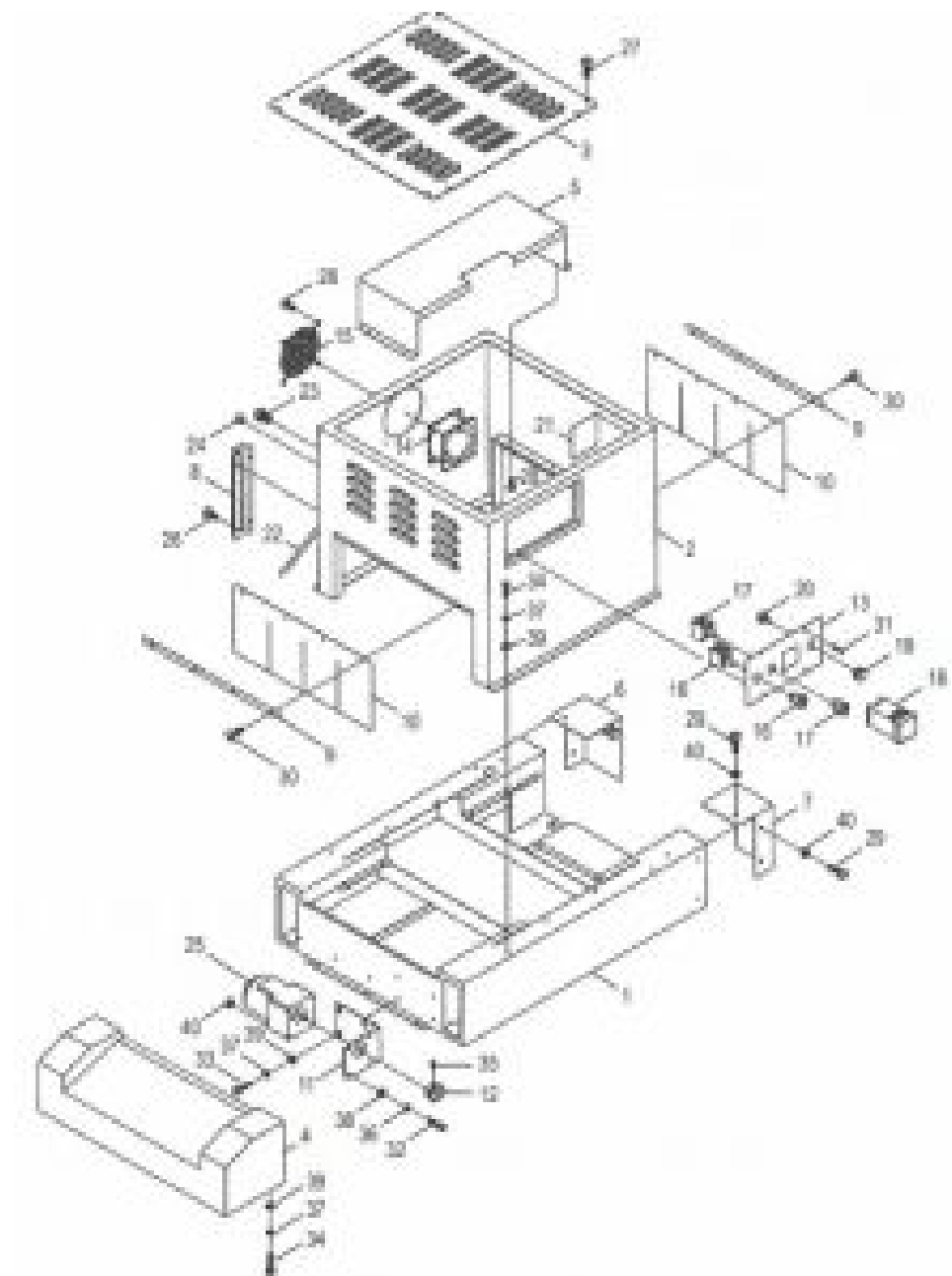
ULINE H-951 Shrink Tunnel Installation Guide



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Tunnel Assembly



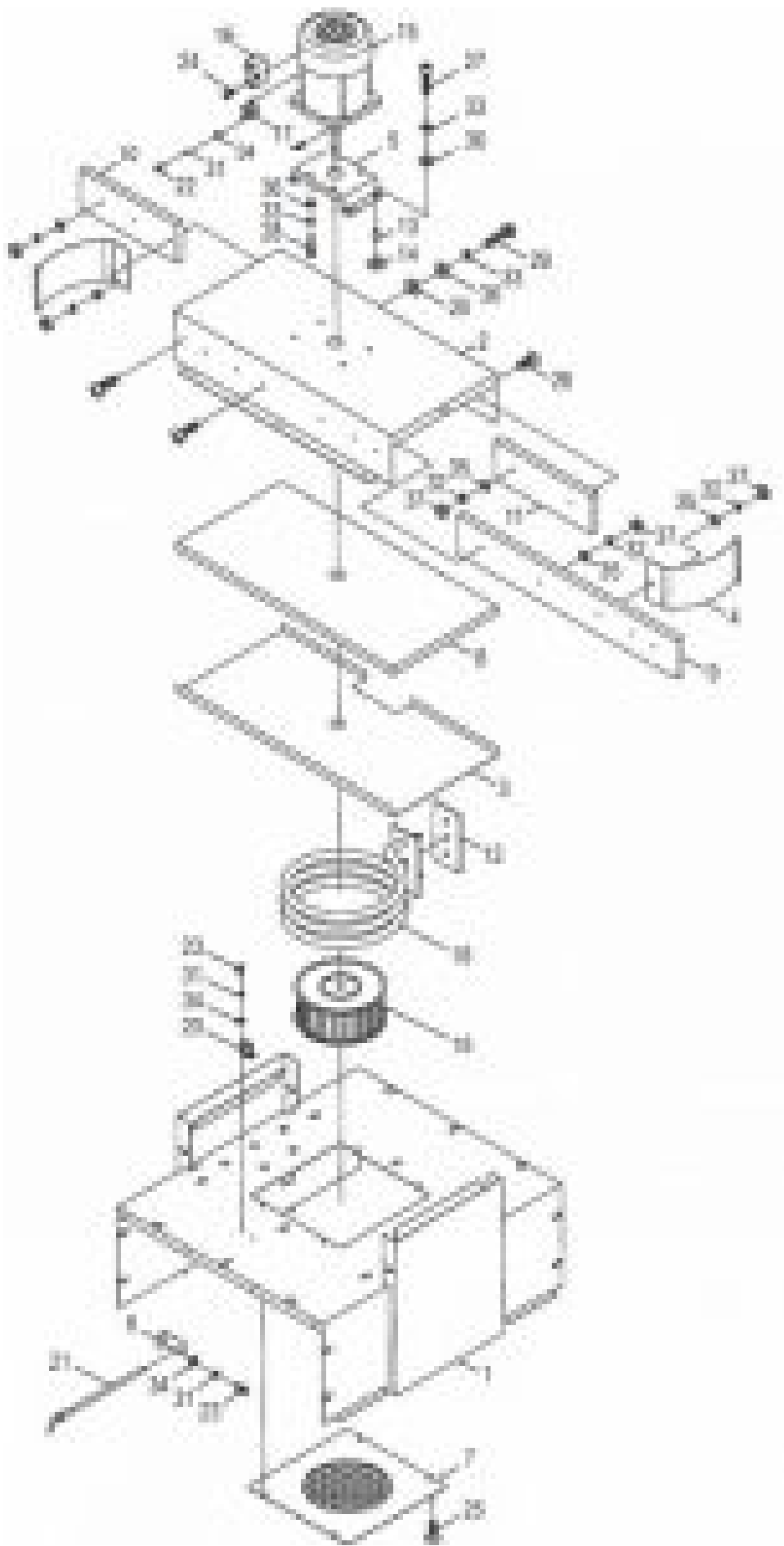
Tunnel Assembly Parts list

#	DESCRIPTION	QTY.	ULINE PART NO.	MFG. PART NO.
1	Base Frame	1	_____	C01101
2	Tunnel Hood Frame	1	_____	C01102
3	Hood Top Cover	1	_____	C01103
4	Conveyor Exit Cover	1	_____	C01104
5	Electrical Mounting Bracket	1	_____	C01105
6	Chain Cover, Right Side	1	_____	C01106
7	Chain Cover, Left Side	1	_____	C01107

8	Cable Cover	1	————	C01108
9	Curtain Holding Plate	2	————	C01109
10	Tunnel Curtain	2	H-951-1518	C01110
11	Motor Bracket	1	————	C01111
12	Motor Sprocket	1	————	C01112
13	Control Panel Plate	1	————	C01113
14	Cooling Fan, 110V	1	H-951-FAN	E52100
15	Cooling Fan Safety Net	1	————	E52110
16	Green Power Switch, 110V	1	————	E22101
17	White Heater Switch, 110V	1	————	E22111
18	Temperature Controller	1	————	E48301
19	Speed Potentiometer Knob	1	————	E47100
20	Potentiometer, B-203	1	H-951-E45100	E45100
21	Speed Control Board, 110V	1	H-951-21	E04111
22	Power Cable, 110V	1	H-951-E79000	E79000
23	Cable Fitting, MG-20A-14	1	————	E80102
24	Cable Fitting, NB-1216	1	————	E80110
25	Conveyor Motor, 25RGN-30K-110V	1	H-951-MOTOR	E54206
26	Truss Head Machine Screw, M4 x 10	4	————	S08-0410
27	Truss Head Machine Screw, M4 x 12	12	————	S08-0412
28	Truss Head Machine Screw, M5 x 10	8	————	S08-0510
29	Truss Head Machine Screw, M6 x 12	6	————	S08-0612
30	Pan Head Tapping Screw, M4 x 10	8	————	S10-0410
31	Socket Head Cap Screw, M4 x 8	4	————	S03-0408
32	Hex Head Socket Bolt, M5 x 70	4	————	S02-0570
33	Hexagon Bolt, M6 x 12	4	————	S01-0612
34	Hexagon Bolt, M6 x 16	6	————	S01-0616
35	Hex Socket Head Set Screw, M6 x 6	1	————	S09-0606
36	Spring Washer, M5	4	————	S16-0500
37	Spring Washer, M6	10	————	S16-0600
38	Plain Washer, M5 x 10	4	————	S-15-0510

39	Plain Washer, M6 x 20	10	————	S15-0620
40	External Tooth Lock Washer, M6	6	————	S17-0600
41	Hexagon Nut, M5	4	————	S12-0500
#	DESCRIPTION	QTY.	ULINE PART NO.	MFG. PART NO.
	Blower Motor Capacitor – 5 UF 300 VAC	1	————	E65109
	Contactor CU-18 2 Pole, 110V	1	————	E09201
	Contactor CU-18 2 Pole, 110V	1	————	E09201
	Conveyor Motor (25W) 25RGN-30K-110V	1	————	E04206
	Cooling Fan Motor – 110V	1	————	E52100
	Thermo Overload Sensor/Switch (A-90)	1	————	E50100
	Fuse – 1 AMP (30mm)	1	————	E36801
	Fuse – 3 AMP (30mm)	1	————	E36803
	Fuse – 2 AMP (30mm)	1	————	E36802
	Power Fuse – 20 AMP TFU-50-20 (110V)	1	H-951-FUSE20	E36120
	Heater Bank – 110V	1	H-951-HTR	E70300
	Heat Cool Down Sensor (B-100)	1	————	E50200
	Main Blower Motor – 110V	1	H-951-BMOTOR	E61501
	Speed Potentiometer – Conveyor Motor (B-203)	1	————	E45100
	Start Switch – Green 110V	1	H-951-SSWTCH	E22101
	Heater Switch – White 110V	1	H-951-HSWTCH	E22111
	Temperature Controller – 110V	1	H-951-TMPCRL	E48301
	Thermocouple	1	H-951-E49100	E49100

TUNNEL CHAMBER PARTS



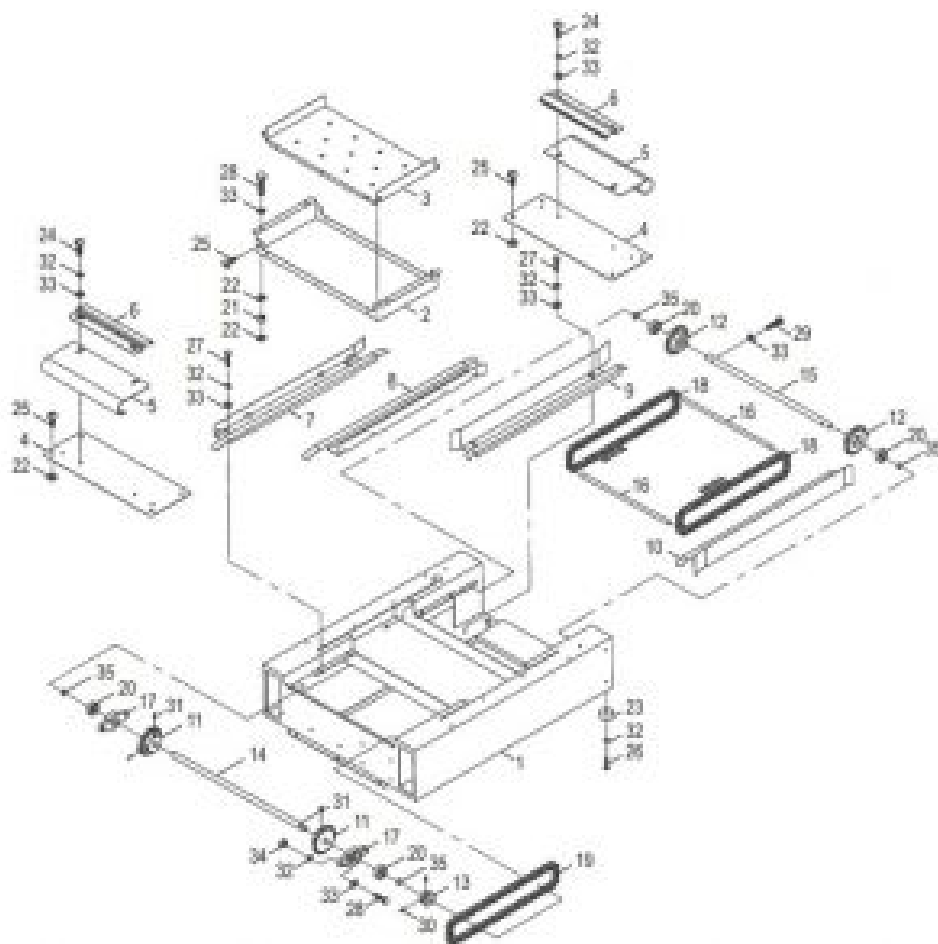
TUNNEL CHAMBER PARTS LIST

#	DESCRIPTION	QTY.	ULINE PART NO.	MFG. PART NO.
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1	Tunnel Chamber Frame	1	_____	C01201
2	Upper Heater Chamber	1	_____	C01202
3	Upper Insulation Wood Cover Plate	1	_____	C01203
4	Air Flow Guide Plate	4	_____	C01204
5	Blower Motor Mounting Bracket	1	_____	C01205
6	Thermocouple Bracket	1	_____	C01206
7	Air Return Protection Lattice	1	_____	C01207
8	Upper Insulation Wood	1	_____	C01208
9	Side Insulation Wood – Long	1	_____	C01209
10	Side Insulation Wood – Short (Left Side)	1	_____	C01210
11	Side Insulation Wood – Short (Right Side)	1	_____	C01211
12	Heater Insulation Wood	1	H-951-INSWD	C01212
13	Rubber Buffer	4	_____	C01213
14	Heat Insulation Washer	6	_____	C01214
15	Blower Motor, 110V	1	_____	E61501
16	Blower Motor Capacitor, 5uf/300V	1	_____	E65109
17	Thermo-switch, A-90	1	_____	E50100
18	Heater, 110V	1	_____	E70300
19	Blower Wheel, 5"	1	_____	C01219
20	Thermo-switch, B-100	1	_____	E50200
21	Thermocouple	1	_____	E49100
22	Truss Head Machine Screw, M3 x 4	2	_____	S08-0304
23	Truss Head Machine Screw, M3 x 6	4	_____	S08-0306
24	Truss Head Machine Screw, M4 x 6	1	_____	S08-0406
25	Truss Head Machine Screw, M4 x 10	8	_____	S08-0410
26	Truss Head Machine Screw, M4 x 20	6	_____	S08-0420
27	Hex Socket Bolt, M5 x 16	4	_____	S08-0516
28	Phillips Pan Head Screw, M5 x 10	4	_____	S05-0510
29	Hexagon Bolt, M5 x 6	2	_____	S01-0506
30	Hex Socket Head Set Screw, M6 x 14	1	_____	S09-0614
31	Spring Washer, M3	6	_____	S16-0300
32	Spring Washer, M4	6	_____	S16-0400
33	Spring Washer, M5	10	_____	S16-0500

34	Plain Washer, M3 x 08	6	_____	S15-0308
35	Plain Washer, M4 x 08	10	_____	S15-0408
36	Plain Washer, M5 x 10	10	_____	S15-0510
37	Hexagon Nut, M4	10	_____	S12-0400

CONVEYOR ASSEMBLY



CONVEYOR ASSEMBLY PARTS LIST

#	DESCRIPTION	QTY.	ULINE PART NO.	MFG. PART NO.
1	Conveyor Main Frame	1	_____	C01301
2	Bottom Air Channel	1	_____	C01302
3	Bottom Air Channel Cover	1	_____	C01303

4	Cover Plate	2	_____	C01304
5	Shaft Cover	2	_____	C01305
6	Shaft Cover Holding Plate	2	_____	C01306
7	Upper Chain Guide (Left Side)	1	_____	C01307
8	Upper Chain Guide (Right Side)	1	_____	C01308
9	Bottom Chain Guide (Left Side)	1	_____	C01309
#	DESCRIPTION	QTY.	ULINE PART NO.	MFG. PART NO.
10	Bottom Chain Guide (Right Side)	1	_____	C01310
11	Drive Sprocket	2	_____	C01311
12	Idle Sprocket	2	_____	C01312
13	Motor Drive Sprocket	1	_____	C01313
14	Drive Shaft	1	_____	C01314
15	Idle Shaft	1	_____	C01315
16	Conveyor Roller With Silicon Coverage	59	_____	C01316
17	Bearing Seat	2	_____	C01317
18	Conveyor Chain	2	H-951-CHAIN	C01318

19	Motor Chain	1	_____	C01319
20	Ball Bearing, 6202zz	4	_____	S50-6202
21	Spacer	4	_____	C01321
22	Insulation Washer	12	_____	C01322
23	Rubber Foot	4	_____	C01323
24	Truss Head Machine Screw, M6 x 15	4	_____	S08-0615
25	Pan Head Tapping Screw, M4 x 10	14	_____	S10-0410
26	Hexagon Bolt, M6 x 16	4	_____	S01-0616
27	Hexagon Bolt, M6 x 20	8	_____	S01-0620
28	Hexagon Bolt, M6 x 25	4	_____	S01-0625
29	Hexagon Bolt, M6 x 50	2	_____	S01-0650
30	Hex Socket Head Set Screw, M6 x 10	2	_____	S09-0610
31	Hex Socket Head Set Screw, M8 x 10	4	_____	S09-0810
32	Spring Washer. M6	20	_____	S16-0600
33	Plain Washer, M6 x 20	24	_____	S15-0620
34	Hexagon Nut, M6	4	_____	S12-0600

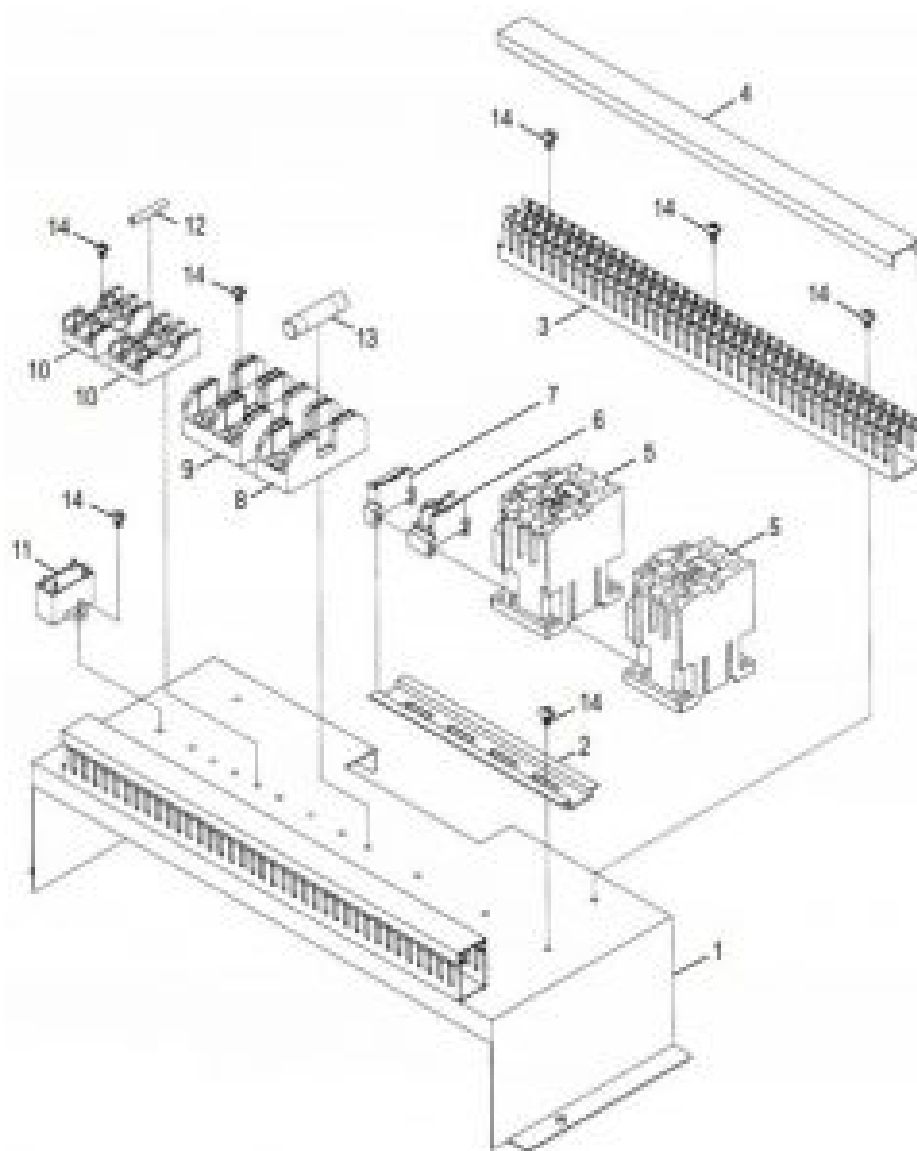
35	External Circlip, S15	4	_____	S24-S15
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SPARE PARTS LIST

PARTS NOT SHOWN IN DIAGRAM

#	DESCRIPTION	QTY.	ULINE PART NO.	MFG. PART NO.
	Fuse – 1 AMP	2	_____	1518-340-110-1
	Fuse – 3 AMP	2	H-951-GFUSE3	1518-340-110-3
	Fuse – 20 AMP	2	_____	1518-330-110-M
	Heater Bank	1	H-951-HEATER	1518-360-110
	High Temperature Wire, 4'	1	_____	3500-70
	Lubrication – Chain (Optional)	1	H951-OILDS	1710-28
	High Temp Lugs	1	_____	3500-48
	Teflon Mesh Belt Kit (Optional)	1	H-951-TMBKIT	TMB1606B

CONTROL COMPONENTS

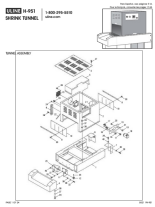


CONTROL COMPONENTS PARTS LIST

#	DESCRIPTION	QTY.	ULINE PART NO.	MFG. PART NO.
1	Electronic Mounting Bracket	1	_____	C01105
2	Aluminum Rail	1	_____	C01402
3	Plastic Cable Channel	1	_____	C01403
4	Plastic Cable Channel Cover	1	_____	C01404
5	Contactor CU-18, 110V	2	_____	E09201
6	Assembly Connector, TBR-20	3	_____	E30500
7	Assembly Connector Stopper, TBR-F	1	_____	E30501
8	Fuse Seat, FSX301 (1P-30A)	1	_____	E33201
9	Fuse Seat, FSX302 (2P-30A)	1	_____	E33202
10	Fuse Seat, TFB102 (2P-10A)	2	_____	E33101
11	Conveyor Motor Capacitor, 6uf/250v (110 V)	1	_____	E65104
12	Fuse 1A (30mm)	1	_____	E36801
13	Power Fuse 20A, TFU-50-20A (for 110V)	3	H-951-FUSE20	E36120
14	Pan Head Tapping Screw	11	_____	S10-0412



Documents / Resources



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H-951, Shrink Tunnel