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MODEL: UM3255 - Front Panel Assy

STAR MANUFACTURING INTERNATIONAL, INC.
 SK2198 Rev. B 12/5/06

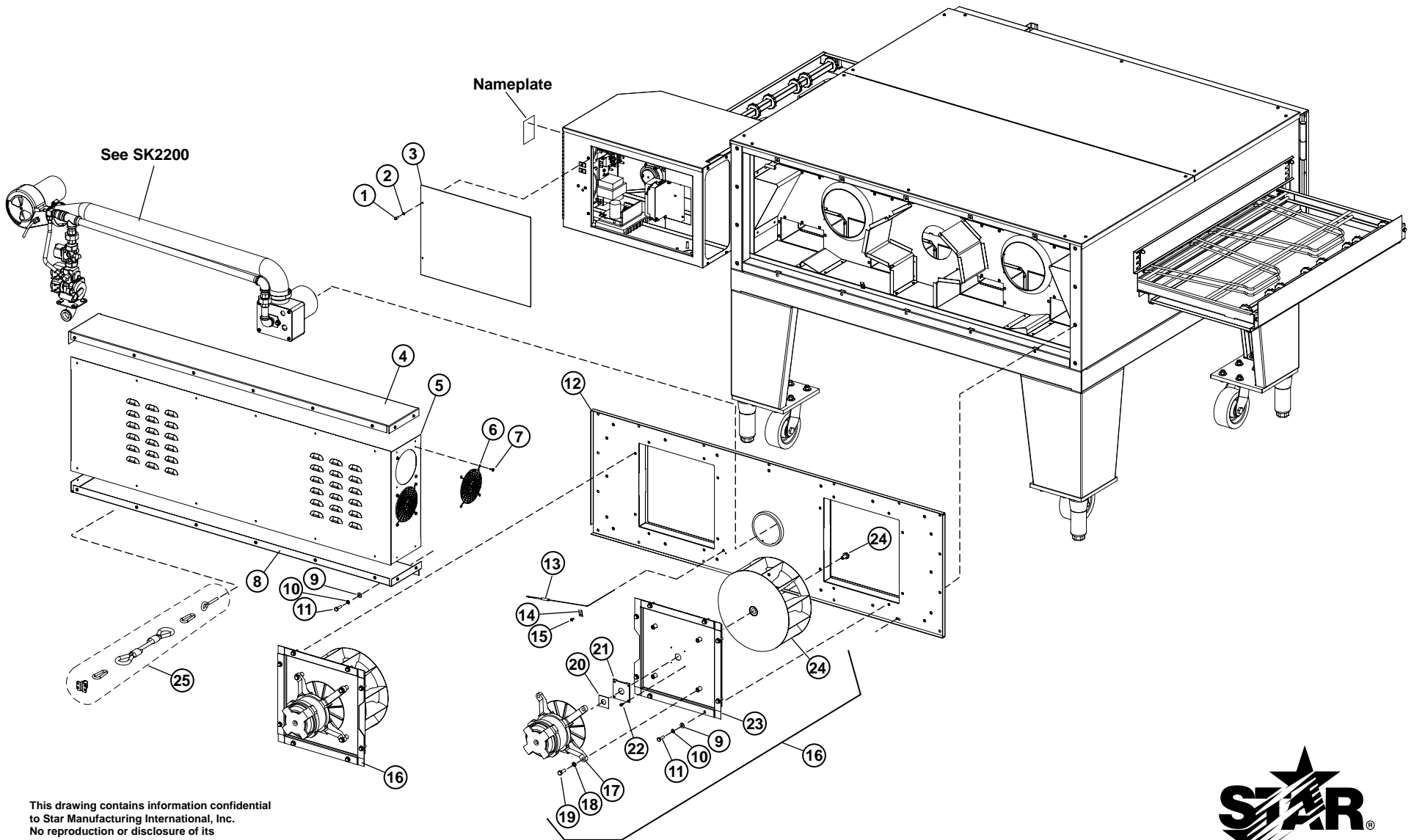




UM3240, UM3255 Front Panel Assy

Fig No.	Part Number	Quantity Per	Description	Fig No.	Part Number	Quantity Per	Description		
1	2C-Z6925	16	SCREW #8 X 1/2 HEX SS SDR	30	2C-Z2206	32	BOLT 3/8-16X1 1/4 HEX STL, CASTER LOW PROFILE BASE		
2	B5-Z8647	1	TOP REAR PANEL	UM3240	2C-Z2206	48	BOLT 3/8-16X1 1/4 HEX STL, CASTER		
2	B5-Z9059	1	TOP REAR PANEL	UM3255	31	2A-Z9083	4	PLATE, TRIPLE STACK LEG LOW PROFILE BASE	
3	B5-Z8648	1	TOP FRONT PANEL	UM3240	32	B5-Z9084	4	FOOT PLATE TRIM LOW PROFILE BASE	
	B5-Z9060	1	TOP FRONT PANEL	UM3255	33	2C-Y9767	32	WASHER .390x.718x.048 LOW PROFILE BASE	
4	B5-Z8650	4	STACKING CORNERS		2C-Y9767	48	WASHER .390x.718x.048		
5	B5-Z9039-7	2	INSULATION-TOP LINER	UM3240	34	2C-Y9771	16	NUT, HEX 3/8-16 LOW PROFILE BASE	
	B5-Z9071-2	2	INSULATION-TOP LINER	UM3255	2C-Y9771	32	NUT, HEX 3/8-16		
6	B5-Z9037	2	RESTRICTOR PLATE		35	B5-LC0010	2	TOP RETURN BAFFLE ASSY	UM3240
7	2C-Z5182	4	THUMB SCREW 1/4-20x1/2		B5-LC0010	3	TOP RETURN BAFFLE ASSY	UM3255	
8	B5-Z9029	2	CRUMB TRAY		36	B5-Z9020	2	LOWER RETURN DUCT	UM3240
9	B5-Z8603	2	CONVEYOR GUIDE 40	UM3240	B5-Z9020	3	LOWER RETURN DUCT	UM3255	
	B5-Z9057	2	CONVEYOR GUIDE 55	UM3255	37	B5-LC0003		FINGER BODY ASSY SEE CHART	
10	2I-Z8656	2	DOOR HINGE UM3240		38	VARIES		COULUMNATING PLATE SEE CHART	
	2I-Z8656	4	DOOR HINGE UM3255		39	VARIES		NOZZLE PLATE SEE CHART	
11	B5-Z9459	4	HINGE SPACER PLATE	UM3240					
	B5-Z9459	8	HINGE SPACER PLATE	UM3255					
12	B5-LC0028	1	SMALL DOOR ASSY	UM3255					
13	2C-1513	3	SCREW 10-24X1/2 RHP STL NP, DOOR LATCH						
14	2C-6260	3	WASHER #10 INT STL NP, DOOR LATCH						
15	2C-Z3780	3	RETAINER, DOOR LATCH						
16	B5-Z9043-4	1	DOOR LATCH						
17	B5-LC0019	1	DOOR ASSY COMPLETE	UM3240					
	B5-LC0030	1	DOOR ASSY COMPLETE	UM3255					
18	B5-Z8677	1	ACCESS DOOR						
19	2Q-Z8678	1	GLASS, ACCESS DOOR						
20	B5-Z8681	1	GLASS RETAINER						
21	2C-Y1221	2	BOLT 1/4-20X1/2 HEX STL, DOOR HANDEL						
22	2R-Z8679	1	ACCESS DOOR HANDLE						
23	2C-Z5026	4	SCREW 8-32X1/2 SS SHCS						
24	B5-LC0031	1	BASE FRAME	UM3240					
	B5-LC0032	1	BASE FRAME	UM3255					
25	B5-Z9039-6	2	INSULATION-BASE TRAY	UM3240					
	B5-Z9071-3	2	INSULATION-BASE TRAY	UM3255					
26	B5-Z8602	4	BASE LEG BODY						
27	2A-Z8600	4	BOTTOM LEG PLATE						
28	2P-Z8617	4	CASTER, 5"H 2"W						
29	2A-Z8618	4	6" EQUIPMENT LEG						

	#37	#38	#39
UMNA-0	B5-LC0003	B5-Z10047	B5-Z9465
UMNA-1	B5-LC0003	B5-Z8614	B5-Z8613
UMNA-2	B5-LC0003	B5-Z8614	B5-Z9466
UMNA-3	B5-LC0003	B5-Z8614	B5-Z9467
UMNA-4	B5-LC0003	B5-Z8614	B5-Z9468



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SOME ITEMS ARE INCLUDED FOR ILLUSTRATIVE PURPOSES ONLY AND IN CERTAIN INSTANCES MAY NOT BE AVAILABLE

MODEL: UM3255 - Rear Panel Assy



STAR MANUFACTURING INTERNATIONAL, INC.

SK2199

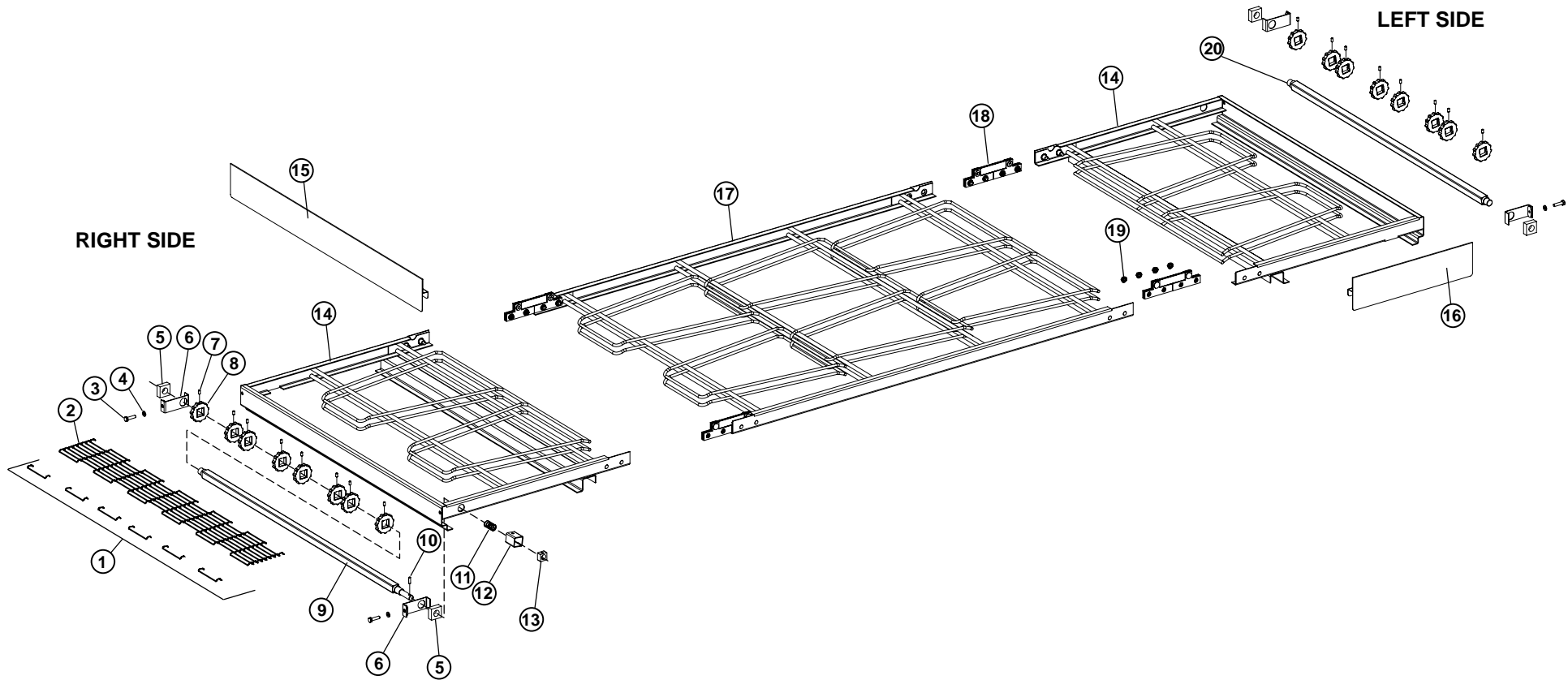
REV. B

5/06/08



UM3240, UM3255 Rear Panel Assy

Fig No.	Part Number	Quantity Per	Description	Fig No.	Part Number	Quantity Per	Description
1	2C-1494	2	SCREW 8-32X1/2 RHP STL NP, REAR CONTROL PANEL	16	B5-LC0045	1	BLOWER ASSY COMPLETE, LEFT VIEWED FROM FRONT
2	2C-H8670	2	WASHER #8 INT STL NP, REAR PANEL		B5-LC0044	1	BLOWER ASSY COMPLETE, RIGHT VIEWED FROM FRONT
3	B5-Z9008	1	CONTROL BOX REAR COVER	17	2U-Z8670-1	2	BLOWER
4	B5-Z6891	1	REAR HOUSING TOP UM3240	18	2C-1824	9	WASHER-LOCK 5/16 SPLIT
	B5-Z9069	1	REAR HOUSING TOP UM3255	19	2C-Z8651	9	BOLT-HEX 5/16-18X1 SS
5	B5-Z8694	1	REAR HOUSING UM3240	20	2I-Z9032	2	AIR SEAL, BLOWER MOTOR
	B5-Z9065	1	REAR HOUSING UM3255	21	B5-Z9094	2	SHAFT SEAL RETAINER, BLOWER MOTOR
6	2R-200562	2	FAN GUARD	22	2C-Z6925	8	SCREW,#8 X.5 TEK HW SS, SHAFT SEAL
7	2C-Z6925	28	SCREW,#8 X.5 TEK HW SS, REAR PANEL	23	B5-LC0015	2	FAN PANEL ASSY
8	B5-Z8693	1	REAR HOUSING BOTTOM UM3240	24	2U-Z8670-2	2	BLOWER WHEEL & BOLT
	B5-Z9064	1	REAR HOUSING BOTTOM UM3255	25		1	RESTRAINING KIT
9	2C-Z5556	34	WASHER, FLAT 1/4 SS	NI	2E-Z9041	1	WIRING HARNESS, FREQUENCY INVERTER TO BLOWERS
10	2C-Z5557	34	WASHER, LOCK 1/4 SPLIT SS				
11	2C-Z5555	34	SCREW,1/4-20 X 3/4 HEX SS				
12	B5-LC0006	1	BLOWER FAN WALL ASSY UM3240				
	B5-LC0023	1	BLOWER FAN WALL ASSY UM3255				
13	2J-Z5189	1	THERMOCOUPLE ASSY				
14	2C-Z3350	1	HALF CLAMP - .188 DIA.				
15		1					



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MODEL: Conveyor Assembly



STAR MANUFACTURING INTERNATIONAL, INC.

SK2201

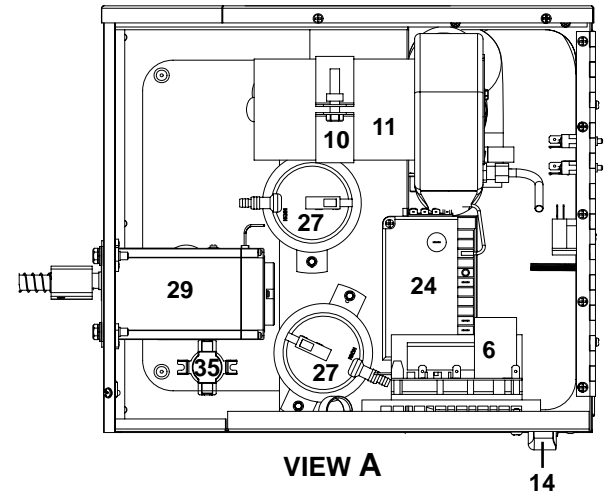
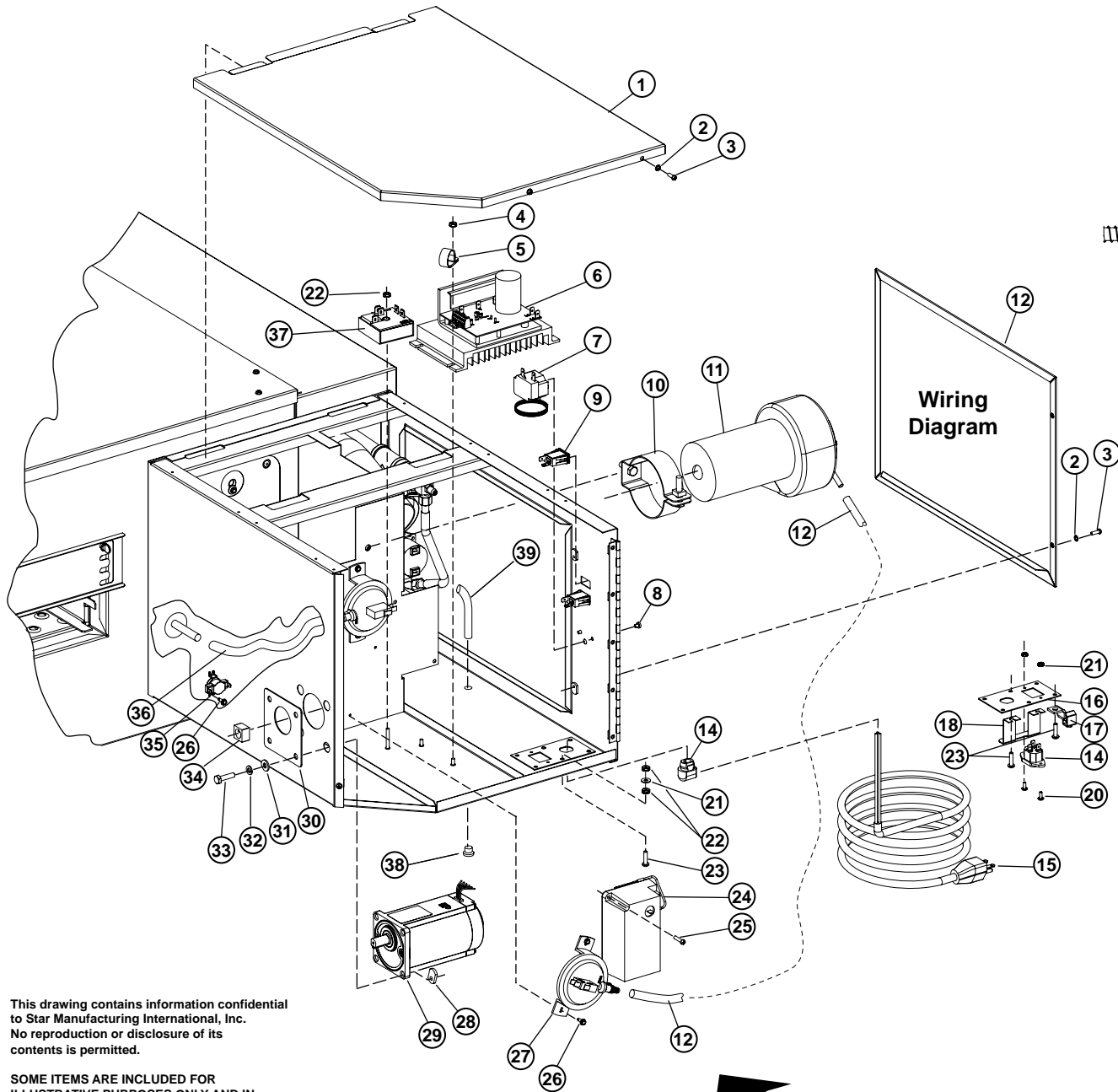
REV. -

6/14/06

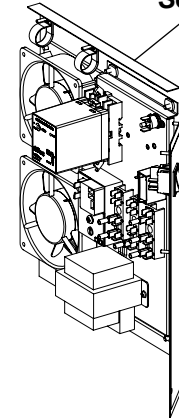


UM3240, UM3255 Conveyor Assembly

Fig No.	Part Number	Quantity Per	Description		Fig No.	Part Number	Quantity Per	Description	
1	PS-	1 KIT	BELT MASTER LINKS		11	2P-Z9051	1	SPRING-COUPLING	
2	B5-LC0042	1	CONVEYOR BELT	UM3240	12	B5-LC0013	1	COUPLING ASSY	
	B5-LC0043	1	CONVEYOR BELT	UM3255	13	2A-Z8601	1	AXLE COG	
2.1	2B-Z9046	1 FOOT	CONVEYOR BELT 32"W X 12"L		14	B5-LC0011	2	END CONVEYOR ASSY	
3	2C-Z5555	4	HEX BOLT 1/4"-20X.75 SS		15	B5-Z9086	1	END STOP	
4	2C-Z5557	4	LOCK WASHER 1/4 SPLIT SS		16	B5-Z9454	1	SIDE STOP	
5	2A-Z8665	4	BEARING BLOCK		17	B5-LC0012	1	CENTER CONVEYOR ASSY	UM3240
6	B5-Z8666	4	BEARING RETAINER			B5-LC0029	1	CENTER CONVEYOR ASSY	UM3255
7	2C-Z8663	16	SET SCREW 8-32X3/8 SS		18	B5-LC0017	4	HINGE ASSY	
8	2A-Z8621	16	SPROCKET-WIRE BELT		19	2C-Z9958	16	NUT 1/4-20 HEX SERRATED	
9	2V-LC0014	1	DRIVE SHAFT ASSY		20	2V-LC0004	1	IDLER SHAFT ASSY	
10	2A-Z9052	1	ROLL PIN						



VIEW A
See SK2002



See SK2199:
FOR BLOWER MOTOR W/WIRING HARNESS

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SOME ITEMS ARE INCLUDED FOR ILLUSTRATIVE PURPOSES ONLY AND IN CERTAIN INSTANCES MAY NOT BE AVAILABLE

MODEL: UM3200 Series Control Box Assembly



SEE VIEW A



STAR MANUFACTURING INTERNATIONAL, INC.

SK2203

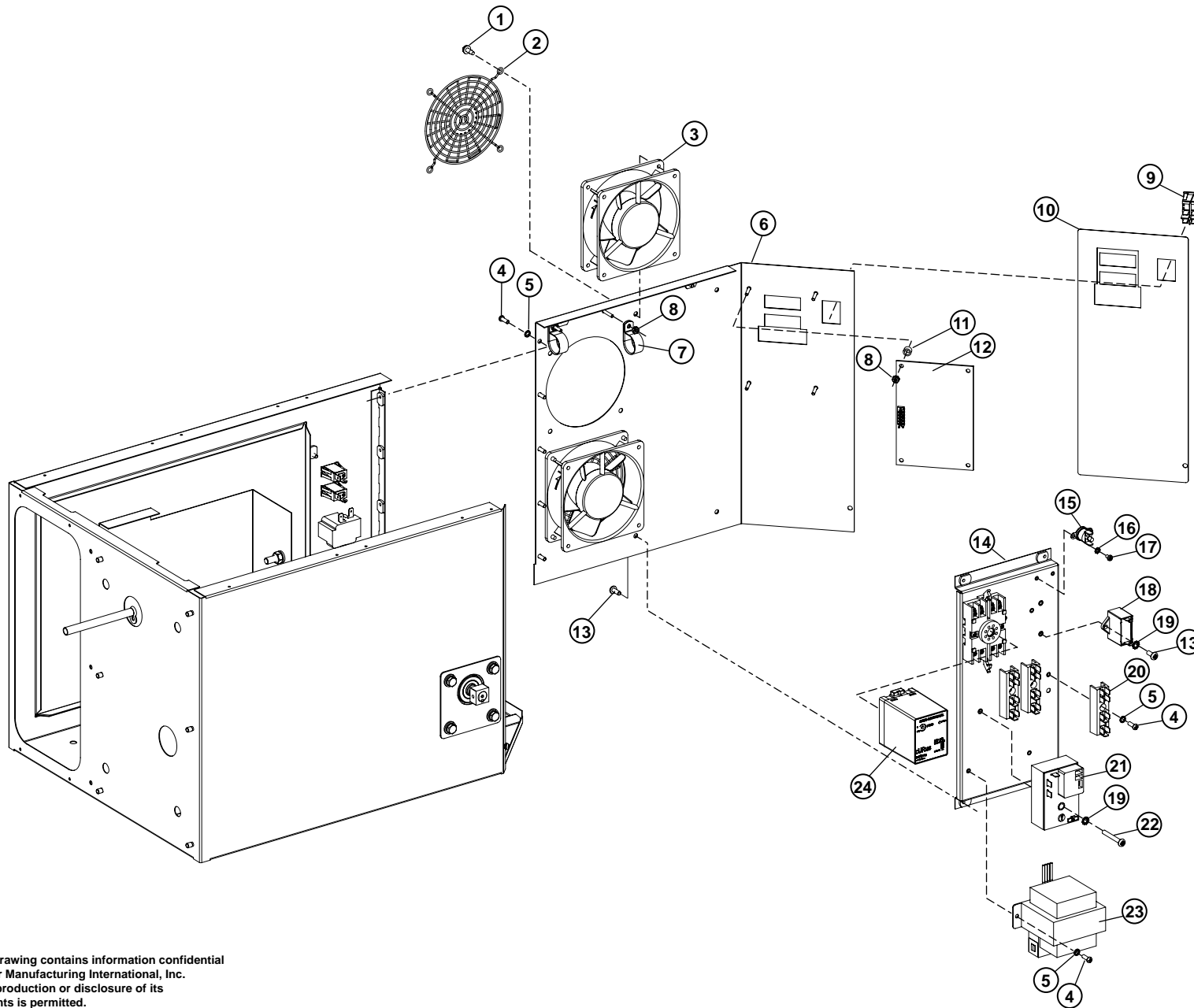
REV. C

6/25/07



UM3240, UM3255 Series Control Box Assembly

Fig No.	Part Number	Quantity Per	Description	Fig No.	Part Number	Quantity Per	Description
1	B5-Z9016	1	CONTROL BOX TOP LID	18	B5-Z10050	1	CORD HOLDER - IEC INLET
2	2C-H8670	4	WASHER #8 INT STL NP	19	2C-200201	2	6-32 HEX NUT,W/STAR WASHER
3	2C-1494	4	SCREW 8-32X1/2 RHP STL NP	20	2C-200004	2	SCREW, 6-32X38PHITRU SS410N
4	2C-Z3447	2	HEX NUT W/WASHER 8-32, FREQ. INVERTER	21	2C-1810	1	WASHER 3/16 BURR STL NP
5	2E-200468	3	CLAMP, NYLON WIRE 7/8	22	2C-08-07-0207	2	NUT 10-24 HEX STL NP W/LOCKWASH
6	2E-Z9007	1	FREQUENCY INVERTER	23	2C-1515	4	SCREW 10-24X.75 ST RH NP
7	2T-Z5177	1	THERMOSTAT HIGH LIMIT	24	2E-Z5163	1	IGNITION CONTROL, 24VAC
8	2C-Z0215	2	SCREW M4X5 ST NP PAN PH	25	2C-1496	2	SCREW 8-32 X 3/4 ST RH NP
9	2E-Z5206	2	BREAKER, CIRCUIT-10A	26	2C-Z6925	6	SCREW #8 X .5 TEK HW SS
10	2C-Z8652	1	CLAMP, BLOWER 3"	27	2E-Z5683	2	SWITCH-DIFFERENTIAL PRESSURE
11	2F-Z8616-1	1	COMBUSTION BLOWER	28	2C-H1027	4	NUT WELD 1/4-20, ANTI ROTATION, MOTOR
12	B5-Z9028-1	1	PRESSURE HOSE, SWITCH TO BLOWER	29	2U-Z8629	1	GEAR MOTOR W/CAPACITOR
13	B5-Z9008	1	CONTROL BOX REAR COVER	30	B5-Z8661	1	GEAR MOTOR COVER PLATE
14	2K-Y3240	1	BUSHING HEYCO SR 17-2	31	2C-Z5556	4	WASHER, FLAT 1/4 SS
	2E-Z3034	1	IEC CORD INLET HOT 10 AMP 230 VOLT	32	2C-Z5557	4	WASHER, LOCK 1/4 SPLIT SS
15	2E-Z9858	1	CORD SET, 14/3 6-15P 10'	33	2C-Z5555	4	SCREW,1/4-20 X 3/4 HEX SS
	2E-Z7278	1	CORDSET, UK 10A 90° BOTH ENDS 2.5METERS	34	2A-Z8633	1	DRIVE COG
	2E-Z0512	1	CORD SET, CONT. EUR 10A	35	2T-Z5175	1	THERMOSTAT, COOLDOWN TIMER
16	B5-Z8668	1	POWER INLET PLATE	36	B5-Z9028-2	1	SUCTION HOSE, SWITCH TO COOKING CHAMBER
17	2C-Y2344	1	TERMINAL GROUND	37	2E-Z7476	1	RELAY, TIME DELAY
				38	2K-Z2895	1	BUSHING
				39	1L-14-07-0100	1FT	TUBING-SILICONE 1/4 OD 1/16 WAL



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MODEL: UM3200 Series Control Box Door Assembly



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SK2202

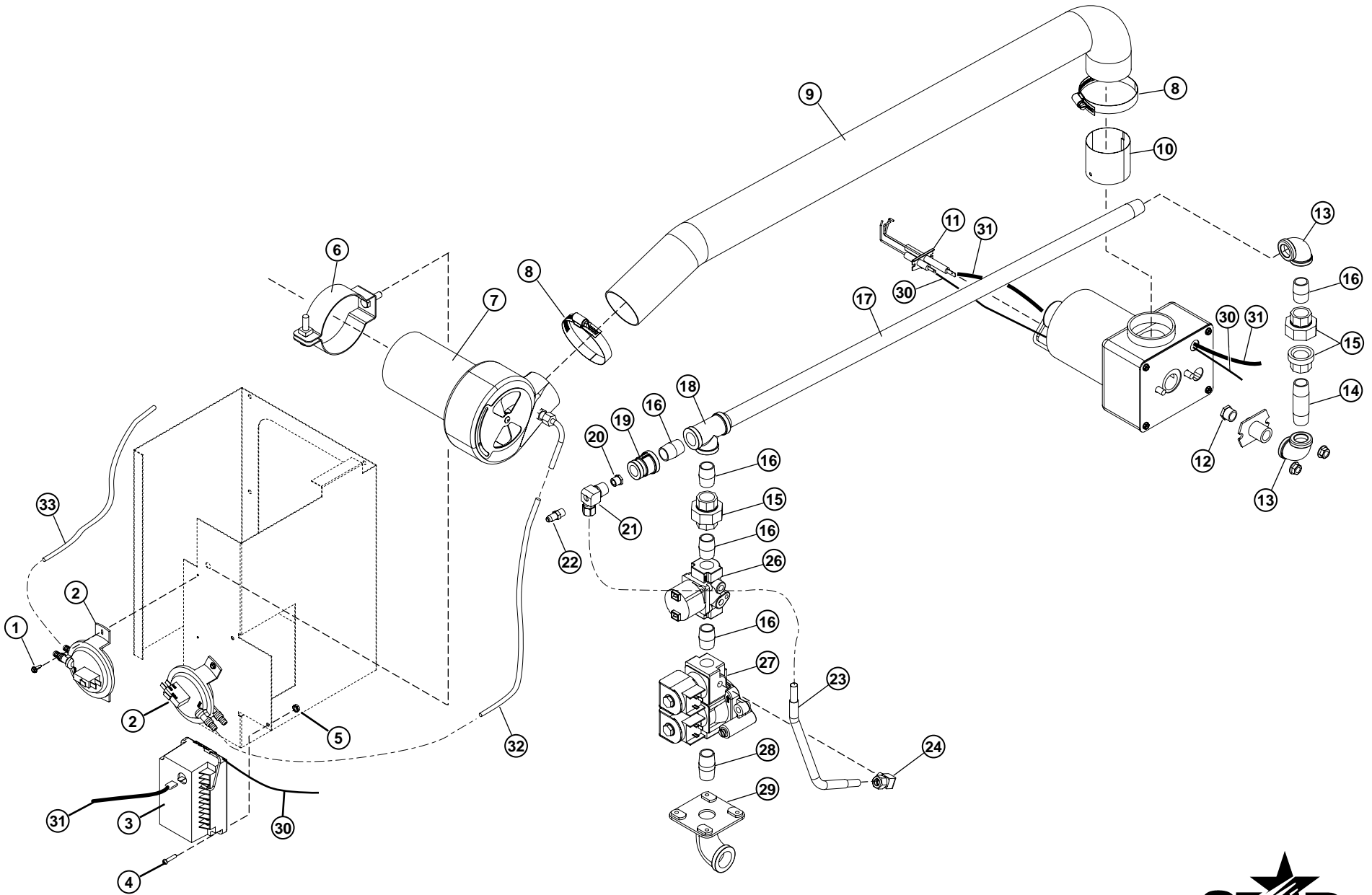
REV. -

6/1/06



UM3240, UM3255 Series Control Box Door Assembly

Fig No.	Part Number	Quantity Per	Description	Fig No.	Part Number	Quantity Per	Description
1	2C-200048	8	SCREW, 10-24X1/2 HEX, SELF THREADING	15	2T-Z5176	1	THERMOSTAT, 140V
2	2R-200562	4	FAN GUARD FOR MUFFIN FAN	16	2C-4538	2	WASHER LOCK EXT 6 STL NP
3	2U-200577	2	MOTOR, FAN 240V, HI-OUTPUT, 23BTH	17	2C-1487	2	SCREW 6-32X1/4 RHP STL NP
4	2C-1494	16	SCREW 8-32X1/2 RHP STL NP	18	2E-Z8629	1	GEARMOTOR, BROTHER
5	2C-H8670	16	WASHER #8 INT STL NP	19	2C-1827	2	WASHER #10 EXT STL NP
6	B5-Z8662	1	CONTROL BOX DOOR	20	2E-Z4597	3	TERMINAL BLOCK 1/4 P.O.
7	2E-200468	3	CLAMP, NYLON WIRE 7/8	21	2E-Z9054	1	TIMER DELAY
8	2C-200201	6	HEX-NUT, W/STAR WASHER 6-32	22	2C-1557	1	SCREW 10-24X1 1/2 RHP STL NP
9	2E-Z1858	1	SWITCH-LIGHTED	23	2E-Z9090	1	TRANSFORMER, 120/208/240V/ CE
10	2M-Z9000	1	LABEL, CONTROL PANEL	24	2E-Z8628	1	SPEED CONTROL
11	2K-Z1971	4	SPACERS				
12	2J-Z7279	1	CONTROLLER, TIME/TEMP				
13	2C-1513	7	SCREW 10-24X1/2 RHP STL NP				
14	B5-Z8626	1	CONTROL MOUTN PANEL				



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MODEL: UM3200 Manifold & Blower/Burner Assembly



STAR MANUFACTURING INTERNATIONAL, INC.

SK2200

REV. A

9/29/06



UM3240, UM3255 Manifold & Blower/Burner Assy

Fig No.	Part Number	Quantity Per	Description	Fig No.	Part Number	Quantity Per	Description
1	2C-Z6925	4	SCREW #8 X .5 TEK HW SS	18	2K-Z9004	1	TEE-1/2" NPT
2	2E-Z6583	2	SWITCH-DIFFERENTIAL PRESSURE	19	2K-3671	1	REDUCER 1/2"NPT TO 3/8"NPT
3	2E-Z5163	1	IGNITION CONTROL, 24VAC	20	2K-Z9025-1	1	ORIFICE LOW FIRE NAT #43
4	2C-1496	2	SCREW 8-32 X 3/4 ST RH NP	20	2K-Z9025-2	1	ORIFICE LOW FIRE LP #48
5	2C-Z3447	2	HEX-NUT W/WASHER 8-32	21	2K-Z9025	1	PILOT ELBOW
6	2C-Z8652	1	CLAMP, BLOWER 3"	22	2K-Z7221	1	NIPPLE, GAS TEST PRESSURE
7	2F-Z8616-1	1	BLOWER BURNER	23	2V-Z5194	1	TUBE, SS FLEX - 3/8X12
8	2C-Z9027	2	HOSE CLAMP	24	2A-Z5106	1	ELBOW, 1/8P-3/8T - BRASS
9	B5-Z9026-1	1	AIR HOSE	26	2V-Z5104	1	VALVE, SOLENOID 1/2 24V
	B5-Z9026-2	1	AIR HOSE	27	2V-Z6825	1	VALVE, GAS COMBI 1/2 24V
			UM3240	28	2K-Z3381	1	NIPPLE 1/2 NPT X 1&1/2
10	B5-Z9055	1	BURNER COUPLING	29	B5-LC0027	1	GAS INLET ASSY 3/4 NPT
11	B5-Z10005	1	IGNITOR/SENSOR, UM3200	30	2F-Z8616-3	1	WIRE IGNITION, BURNER TO IGNITION CONTROL
12	2F-Z8616-7	1	ORIFICE 40 LP .147D	31	2F-Z8616-4	1	WIRE SENSOR, BURNER TO IGNITION CONTROL
	2F-Z8616-5	1	ORIFICE 40 NAT .203D	32	B5-Z9028-1	1	PRESSURE HOSE, SWITCH TO BLOWER
	2F-Z8616-8	1	ORIFICE 55 LP .173D	33	B5-Z9028-2	1	SUCTION HOSE, SWITCH TO COOKING CHAMBER
	2F-Z8616-6	1	ORIFICE 55 NAT .234D				
13	2K-2667	2	ELBOW 90° 1/2 FPT IRON				
14	2K-9138	1	NIPPLE 1/2NPT X 2.5" STL				
15	2K-5877	2	UNION 1/2" NPT				
16	2K-1388	5	NIPPLE 1/2 NPT CLOSE STL				
17	2K-Z9001	1	NIPPLE 1/2 NPT X 22.437				
	2K-Z9056	1	NIPPLE 1/2 NPT X 29.938				
			UM3240				
			UM3255				