



**NOTES:**

1. WOC LARGE LOGO TO BE LOCATED ON CENTERLINE OF OVEN ABOVE PROFILE OPENING
2. UL CERTIFIED AND LABELED CONTROL PANEL
3. OVEN SHIPPED IN TWO SECTIONS TO FIT THROUGH A 67"W X 98"H OPENING. MATCH-MARK AND REMOVE LIMIT SWITCH AND CONDUIT FOR SHIPPING FLOOR SHIPPED LOOSE
4. APPROXIMATE SHIPPING WEIGHT: 3,700 lbs
5. SOLVENTS LOADING: .14 GAL PER BATCH AT 149°C  
.25 GAL PER BATCH AT 60°C
6. 16 SQ FT OF EXPLOSION RELIEF REQUIRED  
36.1 SQ FT OF EXPLOSION RELIEF PROVIDED BY DOORS  
DO NOT BLOCK DOORS - STAY CLEAR DURING OPERATION
7. (9)PT UNIFORMITY TEST ±5°C (9°F) @ 60°C (140°F)
8. CUT 3" FROM EXHAUST BLADE TO ALLOW 125 CFM MINIMUM EXHAUST AND A 9 MIN. PURGE TIME.
9. EXHAUST NOTE:  
THE EXHAUST STACK FROM OUR EQUIPMENT TO ATMOSPHERE MUST BE DESIGNED WITH A MAXIMUM AIRFLOW RESISTANCE OF LESS THAN 3/4" WC, AND MUST BE SUPPORTED INDEPENDENTLY OF THE EXHAUST BLOWER
10. FLOOR NOTE:  
12 GA ALUMINIZED FLOOR INCLUDED. OVEN MUST BE INSTALLED ON A NON-COMBUSTIBLE FLOOR RATED FOR THE MAXIMUM TEMPERATURE OF THE OVEN.
11. INSTALLATION NOTE:  
THE EQUIPMENT MUST BE LEVELED AND SET PLUMB. SHIMS CAN BE USED TO LEVEL THE EQUIPMENT. AFTER LEVELING, ANY GAPS ALONG THE BOTTOM MUST BE FILLED WITH INSULATION AND GROUTED TO PREVENT THE INFILTRATION OF COLD AIR OR THE SPILLAGE OF HOT AIR. THE EQUIPMENT MUST BE LAGGED TO THE FOUNDATION WITH THE PROVIDED MOUNTING PADS. THE EQUIPMENT MUST BE LAGGED BEFORE REMOVING THE "SHIPPING BAR OR ANGLE" (THE BAR OR ANGLE ON THE OUTSIDE OF THE DOOR). FAILURE TO INSTALL THE EQUIPMENT AS NOTED WILL VOID THE WARRANTY.

ALL DIMENSIONS ARE IN INCHES AND TOLERANCES ARE AS FOLLOWS:  
UNLESS OTHERWISE NOTED:  
FRACTIONAL: ±1/16"  
1 PLACE DECIMAL: ±0.1"  
2 PLACE DECIMAL: ±0.01"  
3 PLACE DECIMAL: ±0.001"

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**SPECIFICATIONS:**

**ELECTRICAL:** 480V/3PH/60Hz APPROX. 50 AMPS  
**HEAT INPUT:** 36 KW  
**RECIRCULATION:** 3,400 CFM @ 3 HP  
**EXHAUST:** 400 CFM @ 1/2 HP  
**TEMPERATURE:** 149°C (300°F) MAXIMUM  
60°C (140°F) NORMAL  
15.6°C (60°F) ABOVE AMBIENT MINIMUM  
**PAINT COLOR:** OVEN-FEDERAL SAFETY BLUE  
CONTROL PANEL-FEDERAL SAFETY BLUE  
CONDUIT- NOT PAINTED  
GUARDS- OSHA YELLOW

ITEM	QTY	DESCRIPTION	LENGTH	WIDTH	PART NO.	DWG OR STD NO.	GRP
1	1	PANEL ASSEMBLY				EWN-11X01971A-1	
2	1	OVEN FRONT ASSEMBLY				EWN-23X01971A-1	
3	1	BI-PARTING DOOR ASSEMBLY			S	203-5-2161	5
4	1	DUCT ASSEMBLY				EWN-13X01971A-1	
5	1	STD DIRECT DRIVE BLOWER ASSY			S	220-3-1963	2
6	1	POWERED REAR EXHAUST ASSEMBLY, 400 CFM			S	243-4-1156	
7	1	POWER AND CONTROL DRAWING				EWN-50X01971A-1	
8	18	HEATING ELEMENT, 2KW, 240VOLT			642-0017		
9	2	TERMINAL GUARD ASSEMBLY			S	SWN-3-17015	1
10	2	STD THERMOCOUPLE MOUNTING		XTC=12"	CTC=12", LOCATE ATTESTING	220-4-1813	1
11	REF	AIR FLOW SWITCH					
12	1	STANDARD MOUNTING ANGLE			S	220-3-3442	1
13	8	STD LIFTING LUGS BENT TO 30°			309-0034		
14	5	STEEL CHANNEL, 3" @4.1#/FT X 240"	96		306-0004		
15	1	STD AIR SCOOP			S	220-3-2390	2
16	1	12 GA ALUMINIZED FLOOR				EWN-32X01971A-1	
17	2	ANGLE, STEEL, 3" X 2" X 3/4" X 240	96		302-0011		
18	1	BLASTGATE, FULL, 6" DIAMETER			311-0047		
19	1	BLASTGATE, FULL, 10" DIAMETER			311-00		
20	1	SHT 20 GA ALZD, 48 X 120	19 1/4	5	301-0013		ROLL TO 6" DIA. 1/2" UP EACH END
21	1	SHT 20 GA ALZD, 48 X 120	25	19 1/4	301-0013		ROLL TO 6" DIA. 1/2" UP EACH END
22	1	SHT 20 GA ALZD, 48 X 120	31 7/8	5	301-0013		ROLL TO 10" DIA. 1/2" UP EACH END
23	1	FILTER BOX ASSEMBLY, 10" BLASTGATE,				EWN-34X01971A-1	
24	1	STD SQUARE TO ROUND TRANSITION				202-3-1734	1
25	1	STD LIMIT SWITCH			S	220-4-1855	
26	2	STEEL CHANNEL, 3" @4.1#/FT X 240"	44 3/4		306-0004		
27	1	STEEL CHANNEL, 3" @4.1#/FT X 240"	36		306-0004	COE	
28	1	WOC LARGE LOGO			343-0001		
29							
30							

D	REVISED NOTE # 8	FZ	5/5/2010
C	AS BUILT	FZ	5/29/2010
B	REVISED HEATING ELTS	FZ	5/10/2010
A	AS RELEASED	FZ	2/11/2010
REF EWN-1010902-1-E	NO	REVISION	BY DATE

**WISCONSIN OVEN CORP.**  
EAST TROY, WISCONSIN 53120

GENERAL ASSEMBLY  
EWN-55-7E3

REV. D

DRAWN BY FZ DATE 2/9/2010 DWG. NO.  
CHK'D BY JAL DATE 2/11/2010 EWN-10X01971A-1  
SCALE 3/4"=1'-0" JOB NO 01971A Page 1 of 1