



WISCONSIN OVEN

ALUMINUM AGE OVENS

Over 50 Standard Sizes • Gas Fired (Indirect & Direct) or Electrically Heated



Shown with optional vertical lift door

Premium Quality & Performance:

- Available in standard or high performance designs to meet your requirements
- Premium airflow and heat provides excellent temperature uniformity and increased production rates
- Various air flow designs to match your load configuration
- Heavy duty construction provides years of dependable operation
- Factory built, tested & performance documented PRIOR to shipment reduces installation and start-up costs
- Available with our exclusive Energy Efficient E-pack™ oven upgrade (see www.oven-epack.com for further info)
- Roof-mounted components to reduce equipment footprint
- Additional sizes and options available upon request

We also offer a wide range of batch & continuous solution treating equipment. Contact us for all your heat processing requirements.

DataSense
TECHNOLOGIES

Available with DataSense™
Technologies IoT Based Performance
Monitoring System



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Wisconsin Oven is a brand of
Thermal Product Solutions, LLC

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ALUMINUM AGE OVENS

Unequaled Standard Features

- 500° F maximum temperature rating (Optional ratings of 650, 800 & 1,000° F)
- High volume, high velocity air flow with aluminized steel ductwork
- Excellent uniformity (± 10 @ 350° F, tighter tolerances available)
- Heavy duty construction
- Microprocessor based temperature controller with "auto-tune"

Optional Items

- Available with our exclusive Energy Efficient E-Pack™ oven upgrade (please see www.oven-epack.com for further info)
- UL certified & labeled NEMA 12 control panel
- Vertical lift doors and/or doors at both ends
- Load cars, racks & quench tanks
- Data acquisition & chart recorders
- PLC control & remote communications
- Automotive and aerospace compliance
- Installation and start-up services
- Many more options available upon request

The Typical Load Weight is the calculated amount of aluminum that can be heated to 350° F within 30 minutes for a preheated gas fired oven or 45 minutes for a preheated electrically heated oven. (Actual results will vary, depending upon load arrangement, cross-sectional thickness, etc.)

Item Number	Chamber Width (Feet)	Chamber Depth (Feet)	Chamber Height (Feet)	Chamber Volume (Cubic Feet)	Standard Performance					High Performance														
					Recirculation Rate (CFM x 100)	Horsepower	Air Changes through Work Chamber	Kilowatts (Electric Ovens)	BTU's x 1,000 (Gas Fired Ovens)	Typical Load Weight (#'s x 1,000)	Recirculation Rate (CFM x 100)	Horsepower	Air Changes through Work Chamber	Kilowatts (Electric Ovens)	BTU's x 1,000 (Gas Fired Ovens)	Typical Load Weight (#'s x 1,000)								
1	4	4	6	96	45	5	47	36	250	2	70	7.5	73	48	500	4.1								
2			8	128			35						55											
3		5	6	120			38	48					31	325			2.6	58	60	49	650	5.3		
4			8	160			28											44						
5		6	6	144			23	60					23	400			3.2	36	72	52	84	800	6.5	
6			8	192			23											39						
7		8	6	192			70	7.5					27	60			400	3.2	100	10	39	84	800	6.5
8			8	256																				
9	5	5	6	150	45	5	30	48	325	2.6	70	7.5	47	60	650	5.3								
10			8	200			23						35											
11		6	8	180			25	60					29	400			3.2	100	10	42	84	800	6.5	
12			8	240			22																	31
13		8	6	240			70	7.5					23	72			500	4.1	140	15	47	96	1,200	9.7
14			8	320																				
15		10	6	300			70	7.5					19	72			500	4.1	185	15	51	96	1,200	9.7
16			8	400																				
17		12	6	360			70	7.5					15	72			600	4.9	185	15	39	96	1,400	11.4
18			8	480																				
19	6	6	6	216	70	7.5	32	60	400	3.2	100	10	46	84	800	6.5								
20			8	288			24						35											
21		8	6	288			70	7.5					18	72			400	3.2	140	15	49	96	800	6.5
22			8	384																				
23		10	6	360			70	7.5					15	84			600	4.9	185	15	39	108	1,200	9.7
24			8	480																				
25		12	6	432			86	10					15	84			500	4.1	185	15	43	108	1,200	9.7
26			8	576																				
27	8	8	8	512	86	10	17	84	600	4.9	185	15	36	108	1,200	9.7								
28			10	8			640						13				700	5.7	220	20	34	1,400	11.4	
29		12	8	768			140	15					11	168			1,200	9.7	270	25	35	192	2,400	19.5
30			6	672																				
31		14	8	896			140	15					16	168			1,200	9.7	290	30	32	216	2,800	22.7
32			9	1,008																				
33		16	6	768			155	15					18	192			1,600	13	340	30	33	216	2,800	22.7
34			8	1,024																				
35		18	9	1,152			140	15					16	168			1,200	9.7	440	40	51	192	2,400	19.5
36			6	864																				
37	20	8	1,152	185	20	13	192	1,600	13	540	50	38	216	2,800	22.7									
38		9	1,296													14	34							
39	25	8	1,280	220	20	14	216	2,000	16.2	540	50	42	240	3,200	26									
40		9	1,440													13	38	3,200	26					
41	25	8	1,600	270	25	15	240	2,200	17.9	680	50	30	264	3,400	27.6									
42		9	1,800													15	30	264	3,400	27.6				
43	10	14	8	1,120	185	15	14	192	1,600	13	440	40	39	216	2,800	22.7								
44			9	1,260			15						35											
45		16	8	1,280			220	20					14	216			2,000	16.2	540	50	34	240	3,200	26
46			9	1,440																				
47		18	8	1,440			220	20					15	216			2,000	16.2	540	50	38	240	3,200	26
48			9	1,620																				
49		20	8	1,600			270	25					14	240			2,200	17.9	680	50	34	264	3,400	27.6
50			9	1,800																				
51	25	8	2,000	290	25	15	240	2,400	19.5	680	50	34	264	3,600	29.2									
52		9	2,250													13	30	3,600	29.2					