



# WISCONSIN OVEN

## Aluminum Age Ovens

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



Shown with optional vertical lift door

- Available in standard or high performance designs to meet YOUR requirements
- Premium airflow & 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](http://www.oven-epack.com) for further info)

*Exclusive  
3-Year  
Warranty!!*

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



## WISCONSIN OVEN CORPORATION

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[www.wisoven.com](http://www.wisoven.com) • [sales@wisoven.com](mailto:sales@wisoven.com)

## Aluminum Age Oven Specifications

### 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 ( $\pm 10$  @ 350° F, tighter tolerances available)
- Heavy duty construction
- Roof-mounted components to reduce equipment footprint
- Microprocessor based temperature controller with "auto-tune"

### Optional Items

- Available with our exclusive Energy Efficient E-Pack™ oven upgrade (see [www.oven-epack.com](http://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 & aerospace compliance
- Installation & start-up services
- Many more options available upon request



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Item Number	Standard Performance				High Performance											
	Chamber Width	Chamber Depth	Chamber Height	Cubic Feet of Chamber	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	2.0	70	7.5	73	48	500	4.1
2	4'	4'	8'	128	45	5	35	48	250	2.0	70	7.5	55	60	500	4.1
3	4'	5'	6'	120	45	5	38	48	250	2.0	70	7.5	58	60	500	4.1
4	4'	5'	8'	160	45	5	28	48	325	2.6	70	7.5	44	60	650	5.3
5	4'	6'	6'	144	45	5	31	48	325	2.6	70	7.5	49	60	650	5.3
6	4'	6'	8'	192	45	5	23	48	325	2.6	70	7.5	36	60	650	5.3
7	4'	8'	6'	192	45	5	23	60	325	2.6	100	10	52	72	650	5.3
8	4'	8'	8'	256	70	7.5	27	60	400	3.2	100	10	39	84	800	6.5
9	5'	5'	6'	150	45	5	30	48	325	2.6	70	7.5	47	60	650	5.3
10	5'	5'	8'	200	45	5	23	48	325	2.6	70	7.5	35	60	650	5.3
11	5'	6'	6'	180	45	5	25	48	325	2.6	100	10	56	60	650	5.3
12	5'	6'	8'	240	70	7.5	29	60	400	3.2	100	10	42	84	800	6.5
13	5'	8'	6'	240	70	7.5	29	60	400	3.2	100	10	42	84	800	6.5
14	5'	8'	8'	320	70	7.5	22	60	400	3.2	100	10	31	84	800	6.5
15	5'	10'	6'	300	70	7.5	23	72	400	3.2	140	15	47	96	800	6.5
16	5'	10'	8'	400	70	7.5	18	72	500	4.1	140	15	35	96	1,200	9.7
17	5'	12'	6'	360	70	7.5	19	72	500	4.1	185	15	51	96	1,200	9.7
18	5'	12'	8'	480	70	7.5	15	72	600	4.9	185	15	39	96	1,400	11.4
19	6'	6'	6'	216	70	7.5	32	60	400	3.2	100	10	46	84	800	6.5
20	6'	6'	8'	288	70	7.5	24	60	400	3.2	100	10	35	84	800	6.5
21	6'	8'	6'	288	70	7.5	24	60	400	3.2	140	15	49	84	800	6.5
22	6'	8'	8'	384	70	7.5	18	72	400	3.2	140	15	36	96	800	6.5
23	6'	10'	6'	360	70	7.5	19	72	400	3.2	185	15	51	96	800	6.5
24	6'	10'	8'	480	70	7.5	15	84	600	4.9	185	15	39	108	1,200	9.7
25	6'	12'	6'	432	70	7.5	16	84	500	4.1	185	15	43	108	1,200	9.7
26	6'	12'	8'	576	86	10	15	84	600	4.9	185	15	32	108	1,200	9.7
27	8'	8'	8'	512	86	10	17	84	600	4.9	185	15	36	108	1,200	9.7
28	8'	10'	8'	640	86	10	13	84	700	5.7	220	20	34	108	1,400	11.4
29	8'	12'	8'	768	86	10	11	84	750	6.1	270	25	35	108	1,600	13.0
30	8'	14'	6'	672	140	15	21	168	1,200	9.7	290	25	43	192	2,400	19.5
31	8'	14'	8'	896	140	15	16	168	1,200	9.7	290	25	32	192	2,400	19.5
32	8'	14'	9'	1,008	140	15	14	168	1,200	9.7	290	25	29	192	2,400	19.5
33	8'	16'	6'	768	140	15	18	168	1,200	9.7	340	30	44	192	2,400	19.5
34	8'	16'	8'	1,024	140	15	14	168	1,200	9.7	340	30	33	192	2,400	19.5
35	8'	16'	9'	1,152	155	15	13	192	1,600	13.0	340	30	30	216	2,800	22.7
36	8'	18'	6'	864	140	15	16	168	1,200	9.7	440	40	51	192	2,400	19.5
37	8'	18'	8'	1,152	155	15	13	192	1,600	13.0	440	40	38	216	2,800	22.7
38	8'	18'	9'	1,296	185	15	14	192	1,600	13.0	440	40	34	216	2,800	22.7
39	8'	20'	8'	1,280	185	15	14	192	1,600	13.0	540	50	42	216	2,800	22.7
40	8'	20'	9'	1,440	185	15	13	192	1,600	13.0	540	50	38	216	2,800	22.7
41	8'	25'	8'	1,600	220	20	14	216	2,000	16.2	540	50	34	240	3,200	26.0
42	8'	25'	9'	1,800	270	25	15	240	2,200	17.9	540	50	30	264	3,400	27.6
43	10'	14'	8'	1,120	155	15	14	192	1,600	13.0	440	40	39	216	2,800	22.7
44	10'	14'	9'	1,260	185	15	15	192	1,600	13.0	440	40	35	216	2,800	22.7
45	10'	16'	8'	1,280	185	15	14	192	1,600	13.0	440	40	34	216	2,800	22.7
46	10'	16'	9'	1,440	220	20	15	216	2,000	16.2	440	40	31	240	3,200	26.0
47	10'	18'	8'	1,440	220	20	15	216	2,000	16.2	540	50	38	240	3,200	26.0
48	10'	18'	9'	1,620	220	20	14	216	2,000	16.2	540	50	33	240	3,200	26.0
49	10'	20'	8'	1,600	220	20	14	216	2,000	16.2	540	50	34	240	3,200	26.0
50	10'	20'	9'	1,800	270	25	15	240	2,200	17.9	540	50	30	264	3,400	27.6
51	10'	25'	8'	2,000	290	25	15	240	2,400	19.5	680	50	34	264	3,600	29.2
52	10'	25'	9'	2,250	290	25	13	240	2,400	19.5	680	50	30	264	3,600	29.2

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.)