



# WISCONSIN OVEN

SWH Series Heavy Duty Walk-In Oven\*  
70 Sizes • Gas or Electric Heat



Manage Batch Processing,  
Service, and Maintenance.  
Includes a "Phone Home" Feature.

## Heavy Duty Applications

- Composites
- Aluminum Aging
- High Temp Coatings
- Heat Treating
- And Other Demanding High Uniformity Applications



*Shown with optional  
conveyor slots.*

*"Does more work, provides better uniformity-  
Not just for Powder Coating and Paint Baking!"*

\* America's Leading Heavy Duty  
Batch Oven for 30 years



## WISCONSIN OVEN CORPORATION

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[www.wisoven.com](http://www.wisoven.com)



"America's Leading Heavy Duty  
Batch Oven for 30 years"

## Unequaled Standard Features

- Standard Maximum Temperature Rating of 500° F.
- Optional ratings of 650, 800 & 1,000° F.
- High Volume, High Velocity Airflow
  - Typically twice the air changes per minute of ordinary ovens
  - 3,000 foot per minute discharge velocity
  - Speeds Heat-Up & IMPROVES UNIFORMITY
- Full-Length Supply Duct on Each Side of Work Chamber
  - Rattle proof, adjustable "H" pattern louvers
- Premium Quality, Heavy Duty Construction
  - Oven Body – heavy tongue & groove panels with 12 gauge exterior roof & base trim
  - Oven Doors – 12 gauge exterior with structural supports & ball bearing hinges
  - Aluminized interior
- Roof Mounted Components to Minimize Valuable Floor Space
- Flow Through Operation, If Required
- Design Standards
  - NEMA 12 control panel, completely wired & factory tested
  - Complies with insurance requirements of FM & IRI
  - Meets requirements of NEC, UL, NFPA79 & NFPA86
- Factory Assembly & Testing
  - Equipment built complete, ensuring the highest quality workmanship
  - Completely factory tested and performance documented
  - Shipped completely assembled



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## HEAVY DUTY WALK-IN OVEN DATA SHEET

Item Number	Model Number & Chamber Size			CFM x 100	Horsepower	Kilowatts-Electric	BTU's X 1,000-Gas	Cubic Feet of Chamber	Chamber Width	Chamber Length	Chamber Height	Outside Width**	Outside Length*	Outside Height*	Approx. Weight (lbs)	
1	SWH-	4 06 6		38	3	60	400	144	4'		5'			10'	3,842	
2	SWH-	4 06 7		38	3	60	400	166			5'	7'	7'	11'	4,133	
3	SWH-	4 06 8		38	3	60	400	192				8'		12'	4,423	
4	SWH-	4 08 6		38	3	60	400	192				8'	6'	10'	4,557	
5	SWH-	4 08 7		64	5	72	800	224			5'	7'	9'	11'	4,892	
6	SWH-	4 08 8		64	5	96	900	256				8'		12'	5,222	
7	SWH-	5 06 6		38	3	60	400	180	5'		5'			10'	4,222	
8	SWH-	5 06 7		38	3	72	800	210			5'	7'	7'	11'	4,535	
9	SWH-	5 06 8		64	5	72	900	240				8'		12'	4,848	
10	SWH-	5 08 6		64	5	72	800	240				8'		10'	4,982	
11	SWH-	5 08 7		64	5	96	800	280			5'	7'	7'	9'	11'	5,339
12	SWH-	5 08 8		64	5	96	900	320				8'		12'	5,697	
13	SWH-	5 10 6		64	5	96	800	300	10'		8'		10'	5,741		
14	SWH-	5 10 7		64	5	108	900	350			7'		11'	11'	6,144	
15	SWH-	5 10 8		80	7.5	132	1,000	400				8'		12'	6,546	
16	SWH-	6 06 6		64	5	72	800	216	6'		5'			10'	4,602	
17	SWH-	6 06 7		64	5	96	800	252			5'	7'	7'	11'	4,937	
18	SWH-	6 06 8		64	5	96	800	288				8'		12'	5,272	
19	SWH-	6 08 6		64	5	96	800	288				8'		10'	5,406	
20	SWH-	6 08 7		64	5	108	800	336			5'	7'	6'	11'	5,766	
21	SWH-	6 08 8		80	7.5	132	1,000	384				8'		12'	6,166	
22	SWH-	6 10 6		80	7.5	108	1,000	360	8'		8'		10'	6,211		
23	SWH-	6 10 7		80	7.5	152	1,000	420			10'	7'	11'	11'	6,635	
24	SWH-	6 10 8		80	7.5	144	1,000	480				8'		12'	7,099	
25	SWH-	6 10 9		80	7.5	144	1,000	540				9'	8'	13'	7,484	
26	SWH-	6 12 6		80	7.5	152	1,000	432				8'		10'	7,015	
27	SWH-	6 12 7		80	7.5	144	1,000	504				7'		11'	7,484	
28	SWH-	6 12 8		80	7.5	144	1,000	576	12'		8'		13'	12'	7,953	
29	SWH-	6 12 9		110	10	144	1,200	612				9'		13'6"	8,657	
30	SWH-	6 14 6		80	7.5	144	1,000	604				8'		10'	7,619	
31	SWH-	6 14 7		110	10	144	1,200	546				7'		11'6"	8,590	
32	SWH-	6 14 8		110	10	168	1,200	630			14'	8'	15'	12'6"	9,104	
33	SWH-	6 14 9		140	10	168	1,200	714				9'		13'0"	9,617	
34	SWH-	6 16 8		140	10	168	1,200	816	16'		8'		12'6"	10,019		
35	SWH-	6 16 9		140	10	168	1,200	816				9'	17'	13'6"	10,578	
36	SWH-	8 08 6		80	7.5	152	1,000	384				8'		10'	6,255	
37	SWH-	8 08 7		80	7.5	144	1,000	448	8'		7'		11'	6,680		
38	SWH-	8 08 8		80	7.5	144	1,000	512				8'	9'	12'	7,104	
39	SWH-	8 08 9		80	7.5	144	1,000	576				9'		13'	7,529	
40	SWH-	8 10 6		80	7.5	144	1,000	480				8'		10'	7,149	
41	SWH-	8 10 7		80	7.5	144	1,000	560				7'		11'	7,618	
42	SWH-	8 10 8		110	10	144	1,200	680			10'	8'	11'	12'0"	8,322	
43	SWH-	8 10 9		110	10	168	1,200	680	10'		9'		13'6"	8,791		
44	SWH-	8 12 6		80	7.5	144	1,000	576				8'		10'	8,042	
45	SWH-	8 12 7		110	10	168	1,200	572				7'		11'0"	8,333	
46	SWH-	8 12 8		140	10	168	1,200	816			12'	8'	13'	12'6"	9,327	
47	SWH-	8 12 9		140	10	168	1,200	816				9'		13'6"	9,841	
48	SWH-	8 14 7		140	10	168	1,200	728				7'		11'6"	9,971	
49	SWH-	8 14 8		140	10	168	1,200	840	8'	14'	8'	10'	15'	12'6"	10,332	
50	SWH-	8 14 9		140	10	168	1,200	952				9'		13'6"	10,891	
51	SWH-	8 16 7		140	10	168	1,200	832				7'		11'6"	10,734	
52	SWH-	8 16 8		140	10	168	1,200	960			16'	8'	17'	12'6"	11,338	
53	SWH-	8 16 9		155	15	192	1,600	1088				9'		13'6"	11,941	
54	SWH-	8 18 7		140	10	168	1,200	936				7'		11'6"	11,695	
55	SWH-	8 18 8		155	15	192	1,600	1080	18'		9'		19'	12'6"	12,343	
56	SWH-	8 18 9		185	15	192	1,600	1296				8'		14'	13,315	
57	SWH-	8 20 8		185	15	192	1,600	1280				8'		13'	13,604	
58	SWH-	8 20 9		185	15	192	1,600	1440			20'	9'	21'	14'	14,387	
59	SWH-	8 25 8		220	20	216	2,000	1600				8'		13'	16,264	
60	SWH-	8 25 9		270	25	240	2,200	1800			25'	9'	26'	14'	17,088	
61	SWH-	10 14 8		155	15	192	1,600	1050	10'		8'		12'6"	11,561		
62	SWH-	10 14 9		185	15	192	1,600	1260			14'	9'	15'	14'	12,486	
63	SWH-	10 16 8		185	15	192	1,600	1280				8'		13'	12,980	
64	SWH-	10 16 9		220	20	216	2,000	1440			16'	9'	17'	14'	13,627	
65	SWH-	10 18 8		220	20	216	2,000	1440				8'		13'	14,097	
66	SWH-	10 18 9		220	20	216	2,000	1620			18'	9'	12'	13'	14'	14,786
67	SWH-	10 20 8		220	20	216	2,000	1600	10'		8'		13'	15,214		
68	SWH-	10 20 9		270	25	240	2,200	1800			20'	9'		21'	14'	15,951
69	SWH-	10 25 8		290	25	240	2,400	2000				8'		13'	18,006	
70	SWH-	10 25 9		290	25	240	2,400	2250			25'	9'	26'	14'	18,855	

\* Dimensions are approximate

\*\* Add 1'3" for Control Panel for Overall Width

301-SWH-0702