



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

phone (262) 642-3938 • fax (262) 363-4018 • 2675 Main Street P.O. Box 873 East Troy, WI 53120 USA

www.wisoven.com

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

HEAVY DUTY WALK-IN OVEN DATA SHEET

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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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)									
	SWH-	W	L H																					
1	SWH-	4 06 6	36 3	80	3	80	400	144	4'	6'	6'	6'	10'	10'	3,842									
2	SWH-	4 06 7	38 3	80	3	80	400	168					7'	7'	7'	11'	11'	4,133						
3	SWH-	4 06 8	38 3	80	3	80	400	192					8'	8'	8'	12'	12'	4,423						
4	SWH-	4 08 6	38 3	80	3	80	400	192					8'	8'	8'	10'	10'	4,557						
5	SWH-	4 08 7	64 5	72	5	72	800	224					8'	8'	8'	11'	11'	4,892						
6	SWH-	4 08 8	64 5	96	8	96	800	256					8'	8'	8'	12'	12'	5,228						
7	SWH-	5 06 6	38 3	80	3	80	400	180	5'	8'	7'	7'	10'	10'	4,222									
8	SWH-	5 06 7	38 3	72	3	72	800	210					7'	7'	7'	11'	11'	4,535						
9	SWH-	5 06 8	64 5	72	5	72	800	240					8'	8'	8'	12'	12'	4,848						
10	SWH-	5 08 6	64 5	72	5	72	800	240					8'	8'	8'	10'	10'	4,962						
11	SWH-	5 08 7	64 5	96	8	96	800	280					8'	8'	8'	11'	11'	5,339						
12	SWH-	5 08 8	64 5	96	8	96	800	320					8'	8'	8'	12'	12'	5,697						
13	SWH-	5 10 6	64 5	96	8	96	800	300	10'	7'	11'	11'	10'	10'	5,741									
14	SWH-	5 10 7	84 5	108	8	108	800	360					7'	7'	7'	11'	11'	6,144						
15	SWH-	5 10 8	80 7.5	132	10	132	1,000	400					8'	8'	8'	12'	12'	6,546						
16	SWH-	6 06 6	64 5	72	5	72	800	216					6'	7'	7'	7'	10'	10'	4,802					
17	SWH-	6 06 7	64 5	96	8	96	800	252									7'	7'	7'	11'	11'	4,937		
18	SWH-	6 06 8	64 5	96	8	96	800	288									8'	8'	8'	12'	12'	5,272		
19	SWH-	6 08 6	64 5	96	8	96	800	288	8'	8'	8'	10'					10'	5,406						
20	SWH-	6 08 7	84 5	108	8	108	800	336	8'	8'	8'	11'					11'	5,786						
21	SWH-	6 08 8	80 7.5	132	10	132	1,000	384	8'	8'	8'	12'					12'	6,166						
22	SWH-	6 10 6	80 7.5	108	1,000	360	6'	8'	8'	8'	8'	11'	10'	10'	6,211									
23	SWH-	6 10 7	80 7.5	132	1,000	420							7'	7'	7'	11'	11'	6,635						
24	SWH-	6 10 8	80 7.5	144	1,000	480							8'	8'	8'	12'	12'	7,059						
25	SWH-	6 10 9	80 7.5	144	1,000	540							9'	9'	9'	13'	13'	7,484						
26	SWH-	6 12 6	80 7.5	132	1,000	432							8'	8'	8'	10'	10'	7,015						
27	SWH-	6 12 7	80 7.5	144	1,000	504							7'	7'	7'	11'	11'	7,484						
28	SWH-	6 12 8	80 7.5	144	1,000	576	12'	8'	13'	13'	13'	13'	12'	12'	7,953									
29	SWH-	6 12 9	110 10	144	1,200	612							9'	9'	9'	13'6"	13'6"	8,657						
30	SWH-	6 14 6	80 7.5	144	1,000	504							8'	8'	8'	10'	10'	7,819						
31	SWH-	6 14 7	110 10	144	1,200	546							7'	7'	7'	11'6"	11'6"	8,590						
32	SWH-	6 14 8	110 10	168	1,200	630							8'	8'	8'	15'	15'	9,104						
33	SWH-	6 14 9	140 10	168	1,200	714							9'	9'	9'	13'6"	13'6"	9,617						
34	SWH-	6 16 8	140 10	168	1,200	816	16'	9'	17'	17'	17'	17'	12'6"	12'6"	10,019									
35	SWH-	6 16 9	140 10	168	1,200	816							8'	8'	8'	13'6"	13'6"	10,578						
36	SWH-	8 08 6	80 7.5	132	1,000	384							8'	8'	9'	9'	9'	9'	10'	10'	6,255			
37	SWH-	8 08 7	80 7.5	144	1,000	448													7'	7'	7'	11'	11'	6,680
38	SWH-	8 08 8	80 7.5	144	1,000	512													8'	8'	8'	12'	12'	7,104
39	SWH-	8 08 9	80 7.5	144	1,000	576													9'	9'	9'	13'	13'	7,529
40	SWH-	8 10 6	80 7.5	144	1,000	480	8'	8'	8'	10'	10'	7,149												
41	SWH-	8 10 7	80 7.5	144	1,000	560	7'	7'	7'	11'	11'	7,618												
42	SWH-	8 10 8	110 10	144	1,200	680	10'	8'	11'	11'	11'	11'	12'6"	12'6"	8,322									
43	SWH-	8 10 9	110 10	168	1,200	680							9'	9'	9'	13'6"	13'6"	8,791						
44	SWH-	8 12 6	80 7.5	144	1,000	576							6'	6'	6'	10'	10'	8,042						
45	SWH-	8 12 7	110 10	168	1,200	572							7'	7'	7'	11'6"	11'6"	8,333						
46	SWH-	8 12 8	140 10	168	1,200	816							8'	8'	8'	13'	13'	9,327						
47	SWH-	8 12 9	140 10	168	1,200	816							9'	9'	9'	13'6"	13'6"	9,841						
48	SWH-	8 14 7	140 10	168	1,200	728	8'	14'	10'	15'	15'	15'	11'6"	11'6"	9,971									
49	SWH-	8 14 8	140 10	168	1,200	840							8'	8'	8'	12'6"	12'6"	10,332						
50	SWH-	8 14 9	140 10	168	1,200	952							9'	9'	9'	13'6"	13'6"	10,891						
51	SWH-	8 16 7	140 10	168	1,200	832							7'	7'	7'	11'6"	11'6"	10,734						
52	SWH-	8 16 8	140 10	168	1,200	960							16'	8'	17'	17'	17'	17'	12'6"	12'6"	11,338			
53	SWH-	8 16 9	155 15	192	1,600	1088													9'	9'	9'	13'6"	13'6"	11,941
54	SWH-	8 18 7	140 10	168	1,200	936	7'	7'	7'	11'6"	11'6"	11,895												
55	SWH-	8 18 8	155 15	192	1,600	1080	18'	8'	19'	19'	19'	19'							12'6"	12'6"	12,343			
56	SWH-	8 18 9	185 15	192	1,600	1296													8'	8'	8'	14'	14'	13,315
57	SWH-	8 20 8	185 15	192	1,600	1280													8'	8'	8'	13'	13'	13,694
58	SWH-	8 20 9	185 15	192	1,600	1440							20'	20'	20'	21'	21'	14,387						
59	SWH-	8 25 8	220 20	216	2,000	1800							8'	8'	8'	13'	13'	16,264						
60	SWH-	8 25 9	270 25	240	2,200	1800							25'	25'	25'	26'	26'	17,068						
61	SWH-	10 14 8	155 15	192	1,600	1050	10'	18'	12'	19'	19'	19'	12'6"	12'6"	11,561									
62	SWH-	10 14 9	185 15	192	1,600	1260							14'	14'	14'	15'	15'	12,466						
63	SWH-	10 16 8	185 15	192	1,600	1280							8'	8'	8'	13'	13'	12,980						
64	SWH-	10 16 9	220 20	216	2,000	1440							16'	16'	16'	17'	17'	13,627						
65	SWH-	10 18 8	220 20	216	2,000	1440							8'	8'	8'	13'	13'	14,097						
66	SWH-	10 18 9	220 20	216	2,000	1620							20'	9'	21'	21'	21'	21'	14'	14'	14,789			
67	SWH-	10 20 8	220 20	216	2,000	1600	8'	8'	8'	13'	13'	15,214												
68	SWH-	10 20 9	270 25	240	2,200	1800	8'	8'	8'	13'	13'	15,951												
69	SWH-	10 25 8	290 25	240	2,400	2000	8'	8'	8'	13'	13'	18,006												
70	SWH-	10 25 9	290 25	240	2,400	2250	25'	25'	25'	26'	26'	18,855												

* Dimensions are approximate

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