



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	400	144					6'		10'	3,842	
2	SWH-	4 06 7	38 3	80	400	168				6'	7'		11'	4,133	
3	SWH-	4 06 8	38 3	80	400	192				8'			12'	4,423	
4	SWH-	4 08 6	38 3	80	400	192			4'	8'	6'		10'	4,557	
5	SWH-	4 08 7	64 5	72	800	224				8'	7'		11'	4,892	
6	SWH-	4 08 8	64 5	96	800	256				8'	8'		12'	5,228	
7	SWH-	5 06 6	38 3	60	400	180					6'		10'	4,222	
8	SWH-	5 06 7	38 3	72	800	210				6'	7'		11'	4,535	
9	SWH-	5 06 8	64 5	72	800	240				8'			12'	4,848	
10	SWH-	5 08 6	64 5	72	800	240				8'	6'		10'	4,962	
11	SWH-	5 08 7	64 5	96	800	280			5'	8'	7'		11'	5,339	
12	SWH-	5 08 8	64 5	96	800	320				8'			12'	5,697	
13	SWH-	5 10 6	64 5	96	800	300				8'			10'	5,741	
14	SWH-	5 10 7	64 5	108	800	360				10'	7'		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'	7'		10'	4,602	
17	SWH-	6 06 7	64 5	96	800	252				8'			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				8'	7'		11'	5,786	
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'			10'	6,211	
23	SWH-	6 10 7	80 7.5	132	1,000	420				10'	7'		11'	6,635	
24	SWH-	6 10 8	80 7.5	144	1,000	480				8'			12'	7,059	
25	SWH-	6 10 9	80 7.5	144	1,000	540			6'	9'	8'		13'	7,484	
26	SWH-	6 12 6	80 7.5	132	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'	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	504				8'			10'	7,819	
31	SWH-	6 14 7	110 10	144	1,200	546				11'6"	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'			13'6"	9,617	
34	SWH-	6 16 8	140 10	168	1,200	816				8'			12'6"	10,019	
35	SWH-	6 16 9	140 10	168	1,200	816			16'	9'			13'6"	10,578	
36	SWH-	8 08 6	80 7.5	132	1,000	384				8'	5'		10'	6,255	
37	SWH-	8 08 7	80 7.5	144	1,000	448				7'			11'	6,680	
38	SWH-	8 08 8	80 7.5	144	1,000	512				8'	8'		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'	12'6"	8,322
43	SWH-	8 10 9	110 10	168	1,200	680				9'			13'6"	8,791	
44	SWH-	8 12 6	80 7.5	144	1,000	576				6'			10'	8,042	
45	SWH-	8 12 7	110 10	168	1,200	572				7'			11'6"	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'		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"	11,895	
55	SWH-	8 18 8	155 15	192	1,600	1080			18'	8'			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'	13,694	
58	SWH-	8 20 9	185 15	192	1,600	1440				20'	9'		21'	14,387	
59	SWH-	8 25 8	220 20	216	2,000	1800				8'			13'	16,264	
60	SWH-	8 25 9	270 25	240	2,200	1800				25'	8'		26'	14'	17,068
61	SWH-	10 14 8	155 15	192	1,600	1050				8'			12'6"	11,561	
62	SWH-	10 14 9	185 15	192	1,600	1260				14'	9'		15'	14'	12,466
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			10'	18'	9'		19'	14'	14,789
67	SWH-	10 20 8	220 20	216	2,000	1600				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