



WISCONSIN OVEN

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

WATCH DOG™



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"

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 | | 6' | | | 10' | 3,842 | |
| 2 | SWH- 4 06 7 | 38 | 3 | 60 | 400 | 168 | 6' | 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 | 4' | 6' | 6' | | 10' | 4,557 | |
| 5 | SWH- 4 08 7 | 64 | 5 | 72 | 800 | 224 | | 8' | 7' | 9' | 11' | 4,892 | |
| 6 | SWH- 4 08 8 | 64 | 5 | 96 | 800 | 256 | | 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' | | 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 | | 6' | | | 10' | 4,982 | |
| 11 | SWH- 5 08 7 | 64 | 5 | 96 | 800 | 280 | 5' | 8' | 7' | 7' | 9' | 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 | | 6' | | | 10' | 5,741 | |
| 14 | SWH- 5 10 7 | 64 | 5 | 108 | 800 | 350 | | 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' | | | 10' | 4,602 | |
| 17 | SWH- 6 06 7 | 64 | 5 | 96 | 800 | 252 | 6' | 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 | | 6' | | | 10' | 5,406 | |
| 20 | SWH- 6 08 7 | 64 | 5 | 108 | 800 | 336 | | 8' | 7' | | 9' | 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 | | 6' | | | 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' | | | 13' | 7,484 | |
| 26 | SWH- 6 12 6 | 80 | 7.5 | 132 | 1,000 | 432 | | 6' | | | 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 | | 6' | | | 10' | 7,819 | |
| 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' | | | 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' | | 17' | 13.6" | 10,578 |
| 36 | SWH- 8 08 6 | 80 | 7.5 | 132 | 1,000 | 384 | | 6' | | | 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 | | 6' | | | 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' | | | 11.6" | 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' | | | 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' | | | 12.6" | 10,332 | |
| 50 | SWH- 8 14 9 | 140 | 10 | 168 | 1,200 | 952 | | 9' | | | 12.6" | 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' | | | 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' | 8' | | | 12.6" | 12,343 | |
| 56 | SWH- 8 18 9 | 185 | 15 | 192 | 1,600 | 1296 | | 9' | | | 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 | 1600 | | 8' | | | 13' | 16,264 | |
| 60 | SWH- 8 25 9 | 270 | 25 | 240 | 2,200 | 1800 | 25' | 9' | | | 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' | 12' | 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