



# WISCONSIN OVEN

## ATMOSPHERE DRAW BATCH OVENS

For Tempering Steel with Reduced Surface Oxidation

### *Premium Quality and Performance:*

- Oxygen level of 1% (10,000 PPM) or lower using a nitrogen cover gas
- Temperatures to 1,400° F
- Standard sizes to match most heat treat lines
- High capacity recirculation blower for outstanding uniformity and heating rates
- Wide variety of designs to accommodate different loading methods (manual and powered)
- Built to Last! Backed by our Exclusive and Unprecedented 3-Year WOW™ Warranty (up to 1,250° F max. temp.)
- Factory tested PRIOR to shipment (with nitrogen) to reduce installation and start-up times
- Additional sizes and options available upon request

**DataSense**  
TECHNOLOGIES

Available with DataSense™  
Technologies IoT Based  
Performance Monitoring System



**WISOVEN.COM**

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Wisconsin Oven is a brand of  
Thermal Product Solutions, LLC

605-ASDB-4/24

# ATMOSPHERE DRAW BATCH OVENS

80 Standard Models  
Electric or Indirect Gas Heat

## Unequaled Standard Features

- Indirect gas fired or electrically heated
- 800°, 1,000°, 1,250°, and 1,400° F maximum ratings
- High volume, high velocity air flow for enhanced uniformity
- Digital temperature controller with auto-tune and ramp/soak
- Air operated vertical lift door
- Air to water heat exchanger for fast cooling
- Heavy duty industrial grade construction
  - Maintenance free, welded, aluminized or stainless steel interior
  - Heavy steel plate exterior
  - Fully adjustable "H" pattern ductwork for unmatched uniform heat distribution
  - Standard hearth rated at 2,000 lbs
  - NEMA 12 control panel, fully wired and tested
- Shipped completely piped, wired, fully tested and certified (as required)
- Optional items
  - AMS2750, CQI-9, and BAC5621
  - UL certified and labeled control panel
  - Load/unload tables to meet your needs, including traveling and powered automatic tables
  - Pusher/extractor mechanism
  - Pier, roller, wheel rail, or skid rail hearths available
  - Load ratings available up to 6,000 lbs
  - Temperature uniformity guarantee
  - Recorders, data acquisition, digital timers, programmable controllers, etc.
  - Many more standard & custom options

\*Height varies with pass height specified at time of purchase, which is estimated at 3' for the purpose of this chart

\*Dimensions are approximate

	Max. Temp. Rating	Model Number	Basket Width	Basket Height	Basket Depth	Overall Width (Includes side-mounted control panel)	Overall Height (Includes roof-mounted blower, door mast, etc.)	Overall Depth	CFM (Cubic Feet Per Minute)	Horsepower	Kilowatts (Electric)	Approximate Shipping Weight
800° F Maximum (Continuous)		SDB-436-8E/A/C	24"	18"	36"	6' 6"	11' 0"	9' 6"	1,800	1.5	24	4,600
		SDB-446-8E/A/C	24"	24"	36"	6' 6"	11' 6"	9' 6"	1,800	1.5	24	4,800
		SDB-448-8E/A/C	24"	24"	48"	6' 6"	11' 6"	10' 6"	1,800	1.5	24	5,200
		SDB-558-8E/A/C	30"	30"	48"	7' 0"	12' 0"	10' 6"	3,600	5.0	48	5,600
		SDB-658-8E/A/C	36"	30"	48"	7' 6"	12' 0"	10' 6"	3,600	5.0	48	6,000
		SDB-668-8 E/A/C	36"	36"	48"	7' 6"	12' 6"	10' 6"	3,600	5.0	48	6,200
		SDB-6612-8E/A/C	36"	36"	72"	7' 6"	12' 6"	12' 6"	4,600	5.0	48	7,200
		SDB-8612-8E/A/C	48"	36"	72"	8' 6"	12' 6"	12' 6"	4,600	5.0	48	8,300
		SDB-888-8E/A/C	48"	48"	48"	8' 6"	13' 6"	10' 6"	4,600	5.0	48	7,900
	SDB-101010-8E/A/C	60"	60"	60"	9' 6"	14' 6"	11' 6"	4,600	5.0	60	10,400	
1,000° F Maximum (Continuous)		SDB-436-10E/A/C	24"	18"	36"	6' 6"	11' 0"	9' 6"	2,800	2.0	36	4,600
		SDB-446-10E/A/C	24"	24"	36"	6' 6"	11' 6"	9' 6"	2,800	2.0	36	4,900
		SDB-448-10E/A/C	24"	24"	48"	6' 6"	11' 6"	10' 6"	2,800	2.0	36	5,300
		SDB-558-10E/A/C	30"	30"	48"	7' 0"	12' 0"	10' 6"	4,600	5.0	60	5,700
		SDB-658-10E/A/C	36"	30"	48"	7' 6"	12' 0"	10' 6"	4,600	5.0	60	6,100
		SDB-668-10E/A/C	36"	36"	48"	7' 6"	12' 6"	10' 6"	4,600	5.0	60	6,300
		SDB-6612-10E/A/C	36"	36"	72"	7' 6"	12' 6"	12' 6"	7,000	7.5	60	7,300
		SDB-8612-10E/A/C	48"	36"	72"	8' 6"	12' 6"	12' 6"	7,000	7.5	60	8,400
		SDB-888-10E/A/C	48"	48"	48"	8' 6"	13' 6"	10' 6"	7,000	7.5	60	8,000
	SDB-101010-10E/A/C	60"	60"	60"	9' 6"	14' 6"	11' 6"	7,000	7.5	96	10,500	
1,250° F Maximum (Continuous)		SDB-436-12E/A/C	24"	18"	36"	6' 6"	11' 0"	9' 6"	2,800	3.0	36	4,700
		SDB-446-12E/A/C	24"	24"	36"	6' 6"	11' 6"	9' 6"	2,800	3.0	36	5,000
		SDB-448-12E/A/C	24"	24"	48"	6' 6"	11' 6"	10' 6"	2,800	3.0	36	5,400
		SDB-558-12E/A/C	30"	30"	48"	7' 0"	12' 0"	10' 6"	4,600	7.5	60	5,800
		SDB-658-12E/A/C	36"	30"	48"	7' 6"	12' 0"	10' 6"	4,600	7.5	60	6,200
		SDB-668-12E/A/C	36"	36"	48"	7' 6"	12' 6"	10' 6"	4,600	7.5	60	6,400
		SDB-6612-12E/A/C	36"	36"	72"	7' 6"	12' 6"	12' 6"	7,000	10.0	96	7,400
		SDB-8612-12E/A/C	48"	36"	72"	8' 6"	12' 6"	12' 6"	7,000	10.0	96	8,500
		SDB-888-12E/A/C	48"	48"	48"	8' 6"	13' 6"	10' 6"	7,000	10.0	96	8,100
	SDB-101010-12E/A/C	60"	60"	60"	9' 6"	14' 6"	11' 6"	7,000	10.0	120	10,600	
1,400° F Maximum (Continuous)		SDB-436-14E/A/C	24"	18"	36"	6' 9"	11' 3"	10' 0"	4,600	7.5	60	4,800
		SDB-446-14E/A/C	24"	24"	36"	6' 9"	11' 9"	10' 0"	4,600	7.5	60	5,100
		SDB-448-14E/A/C	24"	24"	48"	6' 9"	11' 9"	11' 0"	4,600	7.5	60	5,500
		SDB-558-14E/A/C	30"	30"	48"	7' 3"	12' 3"	11' 0"	7,000	10.0	96	5,900
		SDB-658-14E/A/C	36"	30"	48"	7' 9"	12' 3"	11' 0"	7,000	10.0	96	6,300
		SDB-668-14E/A/C	36"	36"	48"	7' 9"	12' 9"	11' 0"	7,000	10.0	96	6,500
		SDB-6612-14E/A/C	36"	36"	72"	7' 9"	12' 9"	13' 0"	7,000	10.0	96	7,600
		SDB-8612-14E/A/C	48"	36"	72"	8' 9"	12' 9"	13' 0"	7,000	10.0	120	8,700
		SDB-888-14E/A/C	48"	48"	48"	8' 9"	13' 9"	11' 0"	7,000	10.0	120	8,300
	SDB-101010-14E/A/C	60"	60"	60"	9' 9"	14' 9"	12' 0"	10,000	15.0	144	10,800	