



STANDARD FEATURES

- 4" thick, 20 gauge aluminized panels insulated with 4lb. density mineral wool, and perforated grooved seams
- Gas-fired 25:1 turn-down process heater for precise control
- UL508 industrial control panel with remote HMI touchscreen user interface
- Welded formed steel product doors and heavy-duty hinges with bearings
- 14-10 gauge aluminized cold formed sheet steel frames, no field welding required
- Mixed airflow with filtered supply air
- Superior temperature uniformity

INDUSTRIES FOR BATCH OVEN HIGH TEMPERATURE



Aerospace & Defense



Manufacturing & Industrial



Automotive



Transit Bus & Rail



Heavy Equipment & Fleet Refinish

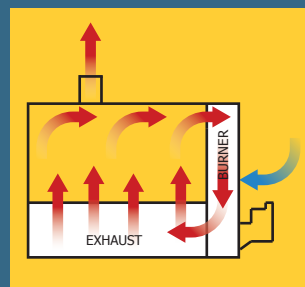


Marine



Gun & Knife

Rohner Batch Powder and Batch Liquid Ovens offer an economical, modular heat technology solution for your preheating, baking, curing and drying needs. Whether you are curing aerospace parts at 140° or powder coated parts at 500°, we pre engineered designs to minimize lead times and maximize cost value.



MIXED AIRFLOW



COMPACT PLC BASED CONTROL PANEL



FILTERED INTAKE AIR

SAFETY STANDARDS

A single 800° Class II industrial plug-blower provides circulation and combustion air resulting in reduced energy and maintenance costs. Rohner Batch Ovens are designed to meet or exceed NFPA86 standards, and their gas trains meet FM insurance requirements. Consult your local authority having jurisdiction for additional requirements before purchasing.

BATCH OVEN

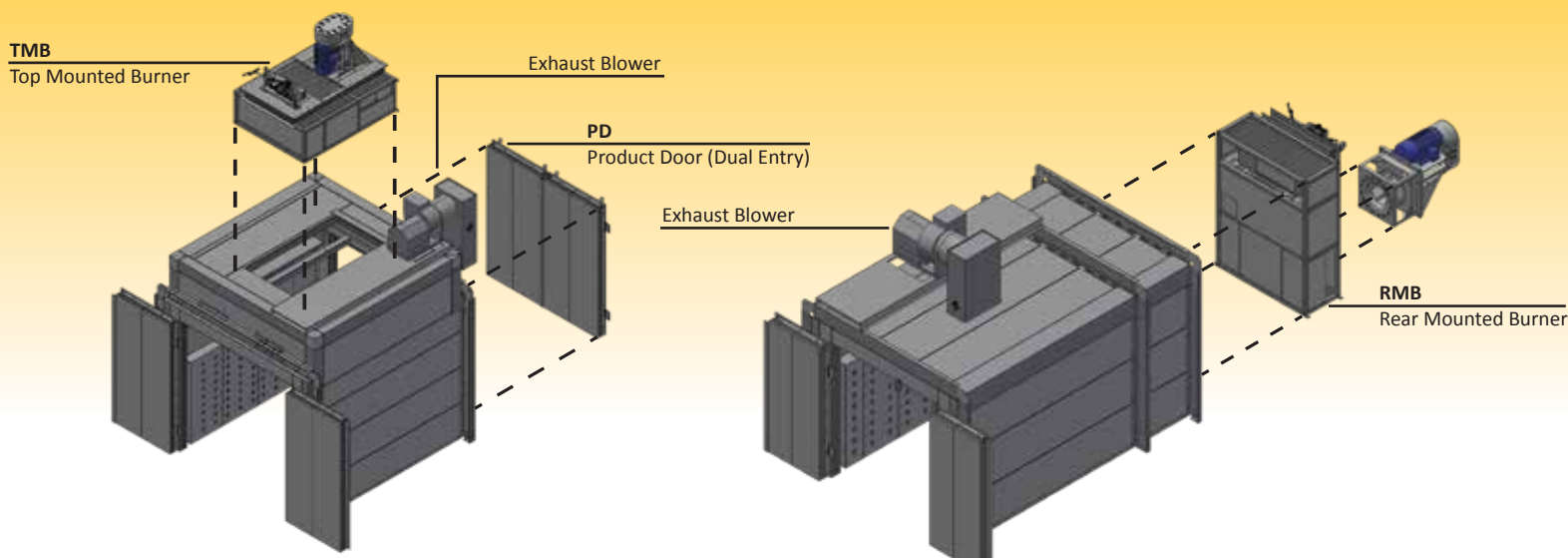
MODEL	Length	Solvent Spec						Powder Spec					
		Gallon Xylene	Exhaust Solvent	Exhaust HP Solvent	Steel Solvent	Temp Solvent	Purge Solvent	Pounds Powder	Exhaust Powder	Exhaust HP Powder	Steel Powder	Temp Powder	Purge Powder
6'-0" Wide													
BOV-6-6.5	10'	2	900	0.5	15000	250	4	5	600	0.5	8000	450	6
BOV-6-6.5	15'	2	900	0.5	15000	250	6	8	600	0.5	8000	450	8
BOV-6-6.5	20'	2	900	0.5	15000	250	7	10	600	0.5	7500	450	10
BOV-6-6.5	25'	2	900	0.5	15000	250	8	13	600	0.5	7000	450	12
BOV-6-6.5	30'	2	900	0.5	15000	250	10	15	600	0.5	6500	450	14
BOV-6-6.5	35'	2	900	0.5	15000	250	11	18	600	0.5	6000	450	16
BOV-6-6.5	40'	2	900	0.5	15000	250	12	20	600	0.5	5500	450	18
BOV-6-9	10'	2	900	0.5	15000	250	6	7	600	0.5	8000	450	8
BOV-6-9	15'	2	900	0.5	15000	250	7	11	600	0.5	7500	450	11
BOV-6-9	20'	2	900	0.5	15000	250	9	14	600	0.5	7000	450	13
BOV-6-9	25'	2	900	0.5	15000	250	11	17	600	0.5	6500	450	16
BOV-6-9	30'	2	900	0.5	15000	250	12	21	600	0.5	6000	450	18
BOV-6-11	10'	2	900	0.5	15000	250	7	9	600	0.5	7500	450	10
BOV-6-11	25'	2	900	0.5	15000	250	13	21	600	0.5	5000	450	19
BOV-6-13	20'	2	900	0.5	15000	250	13	20	600	0.5	6000	450	19
8'-0" Wide													
BOV-8-6.5	10'	2	900	0.5	15000	250	5	7	600	0.5	8000	450	8
BOV-8-6.5	15'	2	900	0.5	15000	250	7	10	600	0.5	7500	450	10
BOV-8-6.5	20'	2	900	0.5	15000	250	9	13	600	0.5	7000	450	13
BOV-8-6.5	25'	2	900	0.5	15000	250	10	17	600	0.5	6000	450	15
BOV-8-6.5	30'	2	1100	0.5	20000	250	10	20	800	0.5	12000	450	14
BOV-8-6.5	35'	2	1100	0.5	20000	250	11	23	800	0.5	11000	450	15
BOV-8-6.5	40'	2	1100	0.5	20000	250	13	26	800	0.5	10000	450	17
BOV-8-9	10'	2	1100	0.5	15000	250	6	9	600	0.5	7500	450	10
BOV-8-9	15'	2	1100	0.5	15000	250	8	14	600	0.5	7000	450	13
BOV-8-9	20'	2	1100	0.5	15000	250	9	18	600	0.5	6000	450	17
BOV-8-9	25'	2	1500	0.5	20000	250	8	23	800	0.5	9600	450	15
BOV-8-9	30'	2	1500	0.5	20000	250	10	27	800	0.5	12000	450	18
BOV-8-9	35'	3	1500	0.5	20000	250	11	32	800	0.5	11000	450	20
BOV-8-9	40'	3	1500	0.5	20000	250	12	36	800	0.5	10000	450	22
BOV-8-11	10'	2	1100	0.5	15000	250	7	11	600	0.5	7000	450	12
BOV-8-11	20'	2	1500	0.5	20000	250	8	22	800	0.5	12000	450	15
BOV-8-11	25'	2	1500	0.5	20000	250	10	28	800	0.5	12000	450	18
BOV-8-11	30'	3	1500	0.5	20000	250	12	33	800	0.5	11000	450	21
BOV-8-11	40'	3	1500	0.5	20000	250	15	44	800	0.5	9000	450	27
BOV-8-13	15'	2	1100	0.5	15000	250	11	20	600	0.5	6000	450	19
BOV-8-13	20'	2	1500	0.5	20000	250	10	26	800	0.5	12000	450	18
BOV-8-13	25'	3	1500	0.5	20000	250	12	33	800	0.5	11000	450	22
BOV-8-13	30'	3	1500	0.5	20000	250	14	39	800	0.5	10000	450	25
BOV-8-13	40'	4	1800	0.75	15000	250	15	52	800	0.75	8000	450	32
10'-0" Wide													
BOV-10-6.5	10'	2	1100	0.5	12000	250	5	9	600	0.5	8000	450	10
BOV-10-6.5	15'	2	1100	0.5	10000	250	7	13	600	0.5	7000	450	13
BOV-10-6.5	20'	2	1100	0.5	10000	250	9	17	600	0.5	6000	450	16
BOV-10-9	10'	2	1100	0.5	10000	250	7	12	600	0.5	7000	450	12
BOV-10-9	15'	2	1100	0.5	10000	250	9	17	600	0.5	5200	450	15
BOV-10-9	20'	2	1200	0.5	20000	250	10	23	800	0.5	12000	450	15
BOV-10-9	25'	2	1200	0.5	20000	250	12	29	800	0.5	10000	450	18
BOV-10-9	30'	3	1500	0.5	15000	250	12	34	1000	0.5	8000	450	17
BOV-10-9	35'	3	1500	0.5	15000	250	13	40	1000	0.5	7500	450	19
BOV-10-9	40'	3	1600	0.75	15000	250	14	45	1000	0.75	7000	450	22
BOV-10-11	10'	2	1100	0.5	10000	250	8	14	600	0.5	7000	450	15
BOV-10-11	15'	2	1100	0.5	10000	250	11	21	600	0.5	6000	450	20
BOV-10-11	20'	2	1200	0.5	20000	250	13	28	800	0.5	10000	450	19
BOV-10-11	25'	3	1500	0.5	15000	250	12	35	1000	0.5	8000	450	18
BOV-10-11	30'	3	1500	0.5	15000	250	14	42	1000	0.5	8000	450	21
BOV-10-11	35'	4	1800	0.75	25000	250	13	49	1100	0.75	12000	450	22
BOV-10-11	40'	4	1800	0.75	25000	250	15	55	1200	0.75	12000	450	22
BOV-10-13	10'	2	1100	0.5	10000	250	10	17	600	0.5	5000	450	18
BOV-10-13	15'	2	1200	0.5	20000	250	12	25	900	0.5	10000	450	16
BOV-10-13	20'	3	1500	0.5	20000	250	12	33	1000	0.5	8000	450	18
BOV-10-13	25'	3	1500	0.5	20000	250	14	41	1000	0.5	8000	450	21
BOV-10-13	30'	4	1800	0.75	25000	250	14	49	1100	0.75	14000	450	22
BOV-10-13	35'	4	1800	0.75	25000	250	16	57	1100	0.75	12000	450	26
BOV-10-13	40'	5	2200	1.5	25000	250	15	65	1200	1.5	12000	450	26
12'-0" Wide													
BOV-12-9	10'	2	1100	0.5	10000	250	8	5	600	0.5	6000	450	14
BOV-12-9	15'	2	1100	0.5	10000	250	11	21	600	0.5	5000	450	19
BOV-12-9	20'	2	1200	0.5	20000	250	12	27	800	0.5	12000	450	18
BOV-12-9	25'	3	1500	0.5	20000	250	12	34	900	0.5	10000	450	19
BOV-12-9	30'	3	1500	0.5	20000	250	13	41	900	0.5	9000	450	22
BOV-12-9	35'	4	1800	0.75	15000	250	13	48	900	0.75	8000	450	25
BOV-12-9	40'	4	1800	0.75	25000	250	14	54	1200	0.75	12000	450	21
BOV-12-11	10'	2	1200	0.5	10000	250	9	17	600	0.5	6000	450	18
BOV-12-11	15'	2	1200	0.5	20000	250	12	25	700	0.5	12000	450	20
BOV-12-11	20'	3	1500	0.5	15000	250	12	33	900	0.5	10000	450	19
BOV-12-11	25'	3	1500	0.5	15000	250	14	42	1000	0.5	8000	450	21
BOV-12-11	30'	4	1800	0.75	15000	250	14	50	1000	0.75	12000	450	24
BOV-12-11	35'	4	1800	0.75	15000	250	16	58	1100	0.75	12000	450	25
BOV-12-11	40'	5	2000	1	20000	250	16	66	1100	1	12000	450	28
BOV-12-13	10'	2	1200	0.5	12000	250	11	20	700	0.5	12000	450	18
BOV-12-13	15'	2	1200	0.5	12000	250	14	30	900	0.5	10000	450	19
BOV-12-13	20'	3	1500	0.5	15000	250	14	39	1000	0.5	8000	450	21
BOV-12-13	25'	4	1800	0.75	25000	250	14	49	1200	0.75	12000	450	21
BOV-12-13	30'	4	1800	0.75	25000	250	16	59	1200	0.75	12000	450	24
BOV-12-13	35'	5	2200	1.5	25000	250	15	69	1200	0.75	10000	450	25
BOV-12-13	40'	5	2200	1.5	25000	250	17	78	1200	0.75	10000	450	31



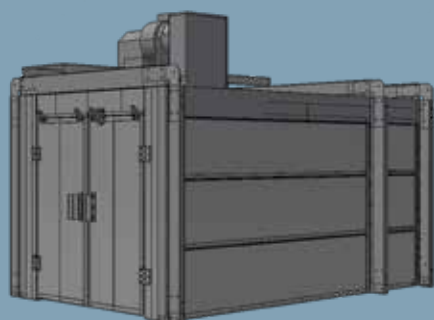
BATCH OVEN SPECIFICATIONS

OVEN DESIGN	STD.	OPT.	OVEN DESIGN	STD.	OPT.
180°F - 500°F operating temp range	✓		Plate steel insulated/uninsulated floor		✓
UL listed industrial PLC control panel with remote HMI operator station	✓		Oven header configurable for conveyor slots		✓
Top or Rear mount process heater configuration		✓	Nut and bolt formed external structural support for easy oven cleaning smooth interior	✓	
Electronic ignition	✓		Conveyor rail load capable structure		✓
25:1 Modulating burner	✓		Dual entry (drive through) product doors		✓
TEFC premium efficiency 3-phase motors	✓				

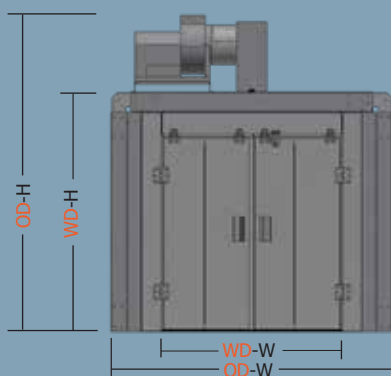
BOV DIAGRAM



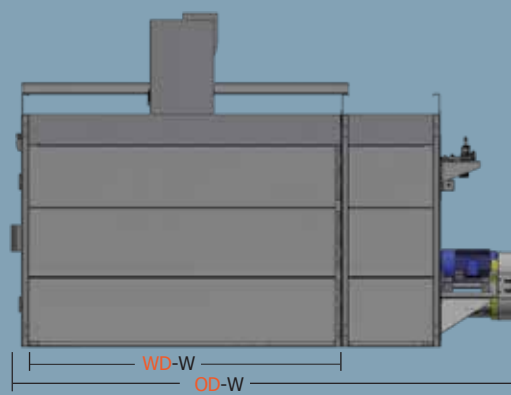
PERSPECTIVE VIEW



FRONT VIEW



SIDE VIEW



NOTE: Model shown with rear mounted burner. All Batch Ovens come with 8" clearance above door for conveyor structure.
*** Overall height of rear mounted burner model excludes height of exhaust blower**

Specifications and designs are subject to change, and substitutions without notice are at the manufacturer's sole discretion. Customer is responsible for determining the suitability of the equipment for its intended use. Additional equipment or modifications may be required to meet local building and process-specific regulatory codes and are the responsibility of the Customer.