

Rod Overbend Box Furnace

The Lindberg/MPH Rod Overbend (RO) electric box furnace gives you flexible, efficient performance for a variety of heat-treating applications. The RO electric box furnace is available with temperature ranges up to 2000°F and in a wide range of sizes. It provides fast heating rate, heavy load capability, and reliable operation to help you achieve quick turnaround and high productivity. The furnace is simple and economical to operate.

Features/Benefits

- Low watt-density RO elements for long life
- RO elements have round cross-section for excellent long-term stability with minimal resistance change
- Lightweight ceramic block insulation reduces power consumption and boosts your productivity and efficiency with faster thermal cycling and reduced heat loss
- Pneumatically operated door
- Circulating fan units offer improved temperature/ atmosphere uniformity
- Choice of refractory brick insulation or lightweight ceramic blocks

Applications

- Annealing
- Hardening
- Normalizing

Options

- Exothermic, dissociated ammonia, or nitrogen atmosphere systems
- Endothermic atmosphere system
- Retorts
- Dewpoint control
- Roller hearth rail



Specifications

Units without fans

Model	Work Dimensions (inches)			Approx. Overall Dimensions			Input kW	Approx Wt. Lbs
	Width	Depth	Height	Width	Depth	Height		
11-RO-153012-20A	15	30	12	48	69	108	22	3,100
11-RO-182418-20A	18	24	18	58	70	108	20	4,000
11-RO-183618-20A	18	36	18	58	79	103	33	4,100
11-RO-243618-20A	24	36	18	54	69	97	400	4,600
11-RO-243624-20A	24	36	24	70	96	112	40	5,000
11-RO-246024-20A	24	60	24	70	113	113	64	7,300
11-RO-304830-20A	30	48	30	83	104	160	60	7,100
11-RO-305420-20A	30	54	20	72	99	102	60	7,100
11-RO-363636-20A	36	36	36	84	94	148	64	7,700
11-RO-364824-20A	36	48	24	75	97	115	60	7,800
11-RO-364836-20A	36	48	36	75	97	147	60	8,500
11-RO-366030-20A	36	60	30	92	100	144	80	10,000
11-RO-484836-20A	48	48	36	104	99	193	90	11,500
11-RO-484848-20A	48	48	48	96	90	147	110	13,500
11-RO-487236-20A	48	72	36	99	124	139	130	15,500
11-RO-489636-20A	48	96	36	99	144	136	135	18,750

Units with fans

Model	Work Dimensions (inches)			Approx. Overall Dimensions			Input kW	Fan H.P.	Approx Wt. Lbs
	Width	Depth	Height	Width	Depth	Height			
11-RO-153012-18AF	15	30	12	40	60	80	22	1	3,100
11-RO-183618-18AF	18	36	18	60	65	102	33	1	4,100
11-RO-243618-18AF	24	36	18	70	88	107	33	1	4,660
11-RO-244820-18AF	24	48	20	54	93	92	45	1.5	5,950
11-RO-244824-18AF	24	48	24	70	94	119	40	1	4,700
11-RO-246024-18AF	24	60	24	54	100	102	64	3	7,300
11-RO-363618-18AF	36	36	18	85	100	111	40	0.5	7,300
11-RO-364824-18AF	36	48	24	74	88	101	75	3	8,300
11-RO-366030-18AF	36	60	30	80	100	126	80	1.5	10,000
11-RO-484836-18AF	48	48	36	97	97	126	90	5	11,500
11-RO-484848-18AF	48	48	48	97	97	150	110	3	13,500
11-RO-489636-18AF	48	96	36	97	153	129	135	2@2	18,750

