



Model: EWT06EH

Enhanced Duty Walk-In Oven

LEWCO Enhanced-Duty Batch Ovens are designed for critical applications, such as those in the advanced materials and aerospace industries. These models offer all of the same construction features as the Normal-Duty ovens; however the performance is "enhanced" by adding additional heat capacity and larger circulation fans. Enhanced-Duty ovens also guarantee a temperature uniformity of at least +/- 10°F. The EWT series features a top-mounted heater box, which creates a smaller footprint and permits pass-through processing with optional rear doors. Each unit is fully assembled, wired, and tested prior to shipment. All LEWCO ovens are manufactured to meet the requirements of NFPA 86.

Operating Temperature

- 150°F - 650°F (66°C -343°C)

Heating Source & Capacity

- Electric, low watt density Incoloy® heaters provide years of trouble free service.
- Standard heater bank assemblies are installed in high velocity ductwork to maximize heat transfer.

Airflow Pattern

- Horizontal Airflow: Hot air is supplied from one of the side wall and pulled across horizontally to the opposite side wall.

General Construction

- 16 ga. aluminized steel interior
- 18 ga. cold rolled steel exterior
- Heat loss is minimized by a unique wall design featuring a welded inner shell and a completely isolated outer frame and covers.

Finish

- Blue or gray alkyd enamel
- Optional: Premium finish for corrosive environments

Doors

- Heavy-duty doors on an isolated door frame minimize heat loss. Wire core gaskets create a tight seal for efficient heating.
- Explosion venting latches
- Standard: Bi-parting swing doors
- Optional:
 - Vertical lift guillotine door
 - Door windows

Floor

- Standard: 12 ga. plate floor
- Optional:
 - 12 ga. plate floor with (1) pair inverted angle track
 - 12 ga. plate floor with (1) pair 6" wide wheel guides
 - Insulated (100 p.s.f. max.)
 - Insulated with (1) pair inverted angle track
 - Insulated with (1) pair 6" wide wheel guides
 - No floor

Input Voltage

- Standard 480/3/60
- Please consult factory for other available options.

Controls

- Single set-point temperature controller and redundant high-limit controller
- NEMA 12 enclosure with full voltage lockable disconnect switch
- Circulation fan(s) include air proving circuits that are electrically interlocked with the heating circuit.
- Controls are wired to NFPA 70 and 79 electrical standards, and meet the requirements of NFPA 86, Class B ovens.
- Optional:
 - Door Switch
 - Batch Timer
 - Ramp/ Soak controller
 - Data logger/ chart recorder
 - Zero speed switch for fans
 - Composite curing controls

Quality Assurance

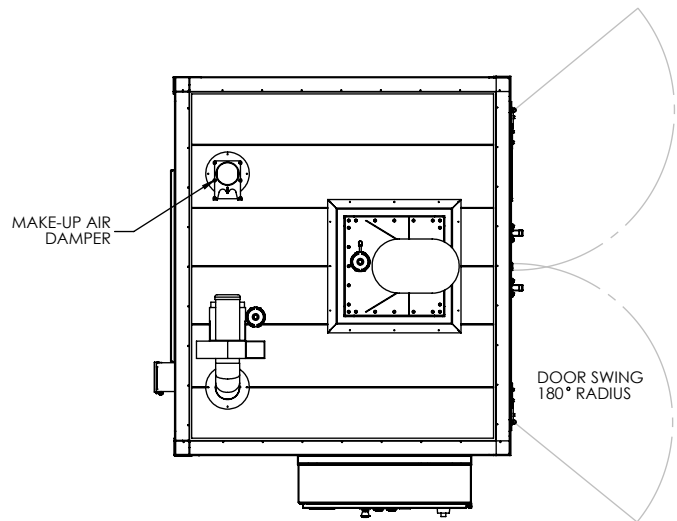
- Each unit comes complete with a (1) year warranty and is fully assembled, wired, and tested prior to shipment.
- Unit manufactured under ISO 9001 Quality Certified System.

Model (NFPA Class B)	Overall Dimensions			Door Swing Radius	Workspace Dimensions			Workspace Volume (cubic ft.)	Heater Bank (kW)	Circulating Fan(s) (CFM)	Motor(s) (HP)	Air Changes per Minute	Exhaust Fan Capacity (CFM)	Exhaust Motor (HP)	Solvents per Batch (Gals.)	Ships Fully Assembled
	"W	"D	"H		"W	"D	"H									
EWT06EH-48-48-60*	81	61	123	34"	48	48	60	80	45	3,500	3	43.75	N/A	N/A	0	Yes
EWT06EH-48-48-72*	83	61	135	34"	48	48	72	96	54	4,000	3	41.67	N/A	N/A	0	Yes
EWT06EH-48-48-96	85	61	160	34"	48	48	96	128	63	5,500	3	42.97	N/A	N/A	0	No
EWT06EH-48-72-72*	85	85	139	34"	48	72	72	144	63	6,000	3	41.67	N/A	N/A	0	Yes
EWT06EH-48-72-96	89	85	167	34"	48	72	96	192	72	8,000	5	41.67	N/A	N/A	0	No
EWT06EH-48-96-72	89	109	143	34"	48	96	72	192	72	8,000	5	41.67	N/A	N/A	0	Yes
EWT06EH-48-96-96	93	109	169	34"	48	96	96	256	81	12,000	7 1/2	46.88	N/A	N/A	0	No
EWT06EH-60-60-60*	97	73	124	40"	60	60	60	125	54	5,000	3	40.00	N/A	N/A	0	Yes
EWT06EH-60-60-72*	97	73	139	40"	60	60	72	150	63	6,000	3	40.00	N/A	N/A	0	Yes
EWT06EH-60-60-96	101	73	167	40"	60	60	96	200	72	8,000	5	40.00	N/A	N/A	0	No
EWT06EH-60-72-72*	99	85	143	40"	60	72	72	180	63	8,000	5	44.44	N/A	N/A	0	Yes
EWT06EH-60-72-96	103	85	169	40"	60	72	96	240	81	10,000	7 1/2	41.67	N/A	N/A	0	No
EWT06EH-60-96-96	109	109	169	40"	60	96	96	320	90	14,000	10	43.75	N/A	N/A	0	No
EWT06EH-72-72-72*	113	85	145	46"	72	72	72	216	72	9,000	7 1/2	41.67	N/A	N/A	0	No
EWT06EH-72-72-96	121	85	169	46"	72	72	96	288	81	12,000	7 1/2	41.67	N/A	N/A	0	No
EWT06EH-72-96-96	125	109	174	46"	72	96	96	384	99	16,000	10	41.67	N/A	N/A	0	No
EWT06EH-72-120-96	129	133	176	46"	72	120	96	480	108	20,000	15	41.67	N/A	N/A	0	No

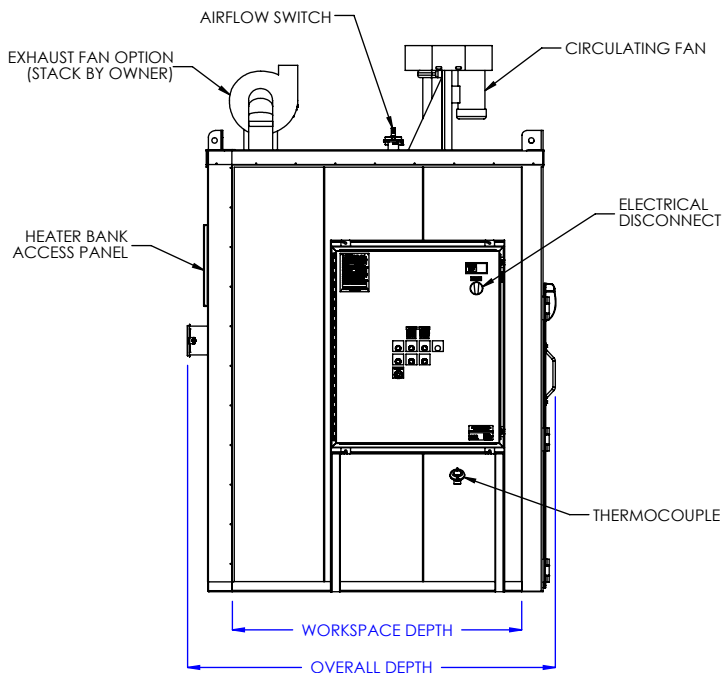
Model (NFPA Class A)	Overall Dimensions			Door Swing Radius	Workspace Dimensions			Workspace Volume (cubic ft.)	Heater Bank (kW)	Circulating Fan(s) (CFM)	Motor(s) (HP)	Air Changes per Minute	Exhaust Fan Capacity (CFM)	Exhaust Motor (HP)	Solvents per Batch (Gals.)	Ships Fully Assembled
	"W	"D	"H		"W	"D	"H									
EWT06EH-48-48-60*	81	61	123	34"	48	48	60	80	54	3,500	3	43.75	62	1/4	0.04	No
EWT06EH-48-48-72*	83	61	135	34"	48	48	72	96	63	4,000	3	41.67	62	1/4	0.04	No
EWT06EH-48-48-96	85	61	160	34"	48	48	96	128	72	5,500	3	42.97	62	1/4	0.04	No
EWT06EH-48-72-72*	85	85	139	34"	48	72	72	144	72	6,000	3	41.67	62	1/4	0.04	No
EWT06EH-48-72-96	89	85	167	34"	48	72	96	192	81	8,000	5	41.67	62	1/4	0.04	No
EWT06EH-48-96-72	89	109	143	34"	48	96	72	192	81	8,000	5	41.67	62	1/4	0.04	No
EWT06EH-48-96-96	93	109	169	34"	48	96	96	256	90	12,000	7 1/2	46.88	62	1/4	0.04	No
EWT06EH-60-60-60*	97	73	124	40"	60	60	60	125	63	5,000	3	40.00	62	1/4	0.04	No
EWT06EH-60-60-72*	97	73	139	40"	60	60	72	150	72	6,000	3	40.00	62	1/4	0.04	No
EWT06EH-60-60-96	101	73	167	40"	60	60	96	200	81	8,000	5	40.00	62	1/4	0.04	No
EWT06EH-60-72-72*	99	85	143	40"	60	72	72	180	72	8,000	5	44.44	62	1/4	0.04	No
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EWT06EH-60-96-96	109	109	169	40"	60	96	96	320	117	14,000	10	43.75	100	1/4	0.07	No
EWT06EH-72-72-72*	113	85	145	46"	72	72	72	216	81	9,000	7 1/2	41.67	62	1/4	0.04	No
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EWT06EH-72-120-96	129	133	176	46"	72	120	96	480	153	20,000	15	41.67	100	1/4	0.07	No

* Indicates Configuration Style #1. Refer to drawings on page 3 of 4

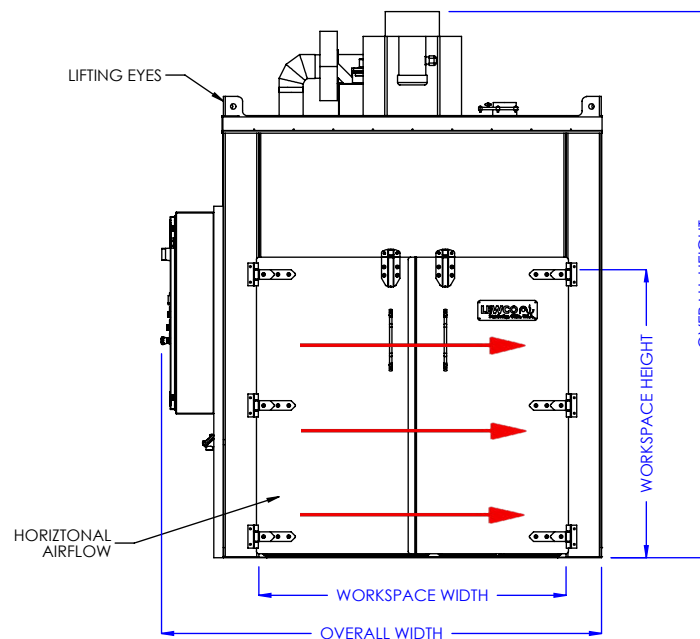
NOTE: Sizes are approximate. LEWCO, Inc. reserves the right to change specifications without notice.



PLAN VIEW



LEFT SIDE ELEVATION



FRONT ELEVATION

MODEL: EWT06EH

DESCRIPTION: ENHANCED DUTY WALK-IN OVEN, TOP MOUNT HEATER, 650°F, ELECTRIC, HORIZONTAL AIRFLOW

WARNING: OVENS PROCESSING FLAMMABLE VOLATILES OR COMBUSTIBLE MATERIALS ARE CLASSIFIED BY NFPA 86 AS "CLASS A" OVENS AND REQUIRE SPECIFIC SAFETY FEATURES. KNOW THE PROPERTIES OF THE MATERIALS BEING HEATED. EXPLOSION OR FIRE MAY RESULT FROM MISAPPLICATION.

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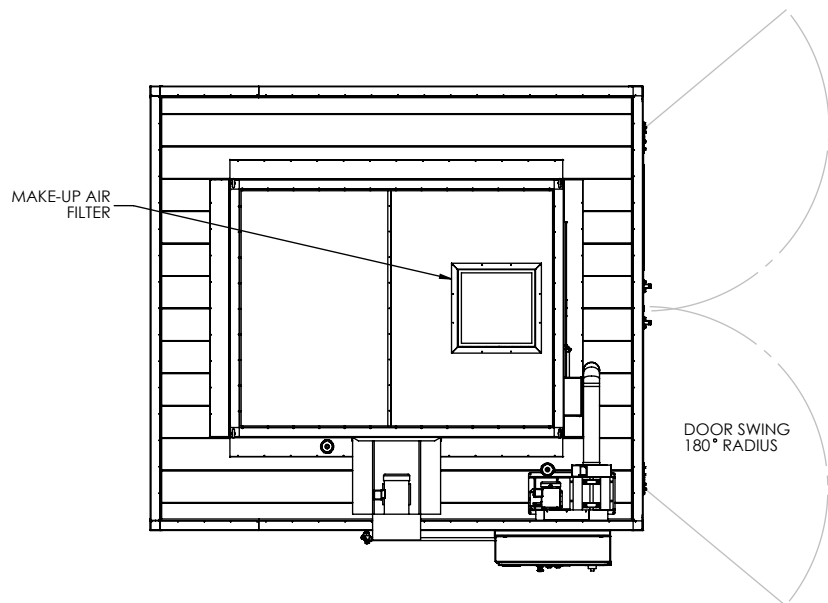
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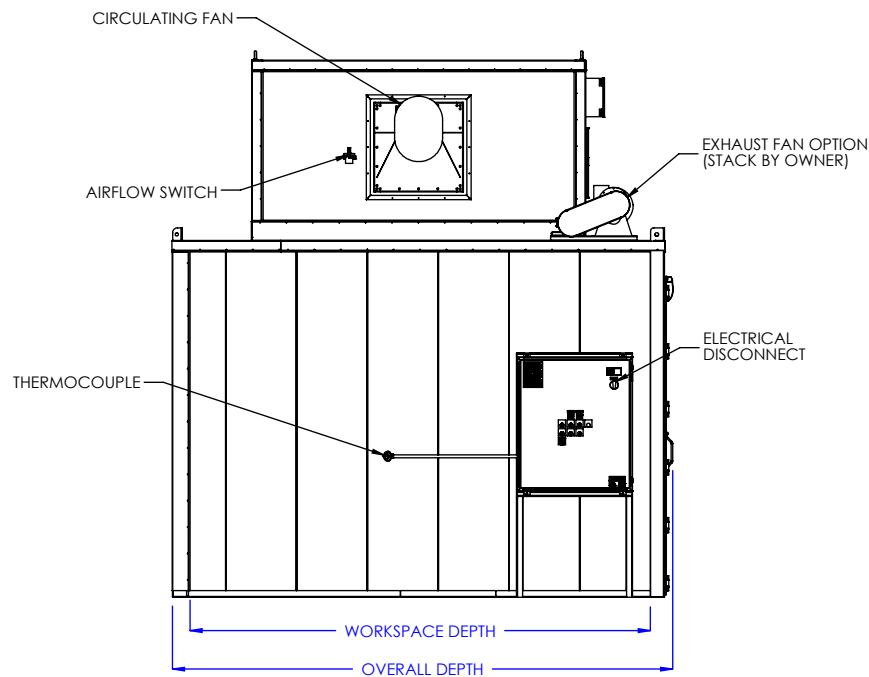
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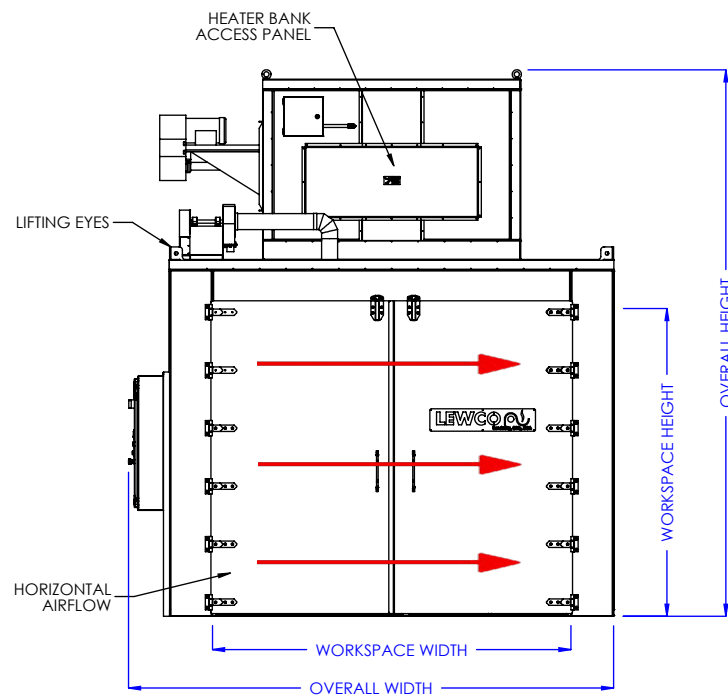
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