



Model: SWT05EH

Normal Duty Walk-In Oven

LEWCO Normal-Duty Batch Ovens are designed for common applications, such as pre-heating, drying, and baking. These models offer quality and performance at economical prices. Heavy-duty construction and industry standard components yield durable and reliable equipment. The SWT 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 - 500°F (66°C -260°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

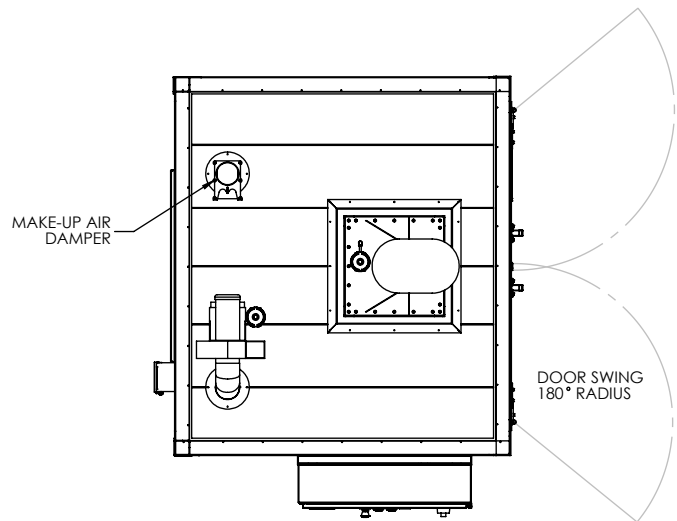
- Each unit comes complete with a (1) year warranty and is fully assembled, wired, and tested prior to shipment.
- Unit manufactured under ISO 9001 Quality Certified System.

Model (NFPA Class B)	Overall Dimensions			Door Swing Radius	Workspace Dimensions			Workspace Volume (cubic ft.)	Heater Bank (kW)	Circulating Fan (CFM)	Motor (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									
SWT05EH-48-48-60 *	76	60	113	24"	48	48	60	80	36	1,000	1	12.50	N/A	N/A	0	Yes
SWT05EH-48-48-72 *	76	60	135	24"	48	48	72	96	36	1,400	1	14.58	N/A	N/A	0	Yes
SWT05EH-48-48-96 *	78	60	159	24"	48	48	96	128	45	1,700	1	13.28	N/A	N/A	0	No
SWT05EH-48-72-72 *	78	84	135	24"	48	72	72	144	45	1,700	1	11.81	N/A	N/A	0	Yes
SWT05EH-48-72-96 *	76	84	160	24"	48	72	96	192	54	2,500	2	13.02	N/A	N/A	0	No
SWT05EH-48-96-72 *	82	108	135	24"	48	96	72	192	54	2,500	2	13.02	N/A	N/A	0	Yes
SWT05EH-48-96-96 *	82	108	160	24"	48	96	96	256	63	3,000	2	11.72	N/A	N/A	0	No
SWT05EH-60-60-60 *	88	72	123	30"	60	60	60	125	36	1,400	1	11.20	N/A	N/A	0	Yes
SWT05EH-60-60-72 *	90	72	135	30"	60	60	72	150	45	1,700	1	11.33	N/A	N/A	0	Yes
SWT05EH-60-60-96 *	94	72	159	30"	60	60	96	200	54	2,500	2	12.50	N/A	N/A	0	Yes
SWT05EH-60-72-72 *	92	84	135	30"	60	72	72	180	45	2,500	2	13.88	N/A	N/A	0	No
SWT05EH-60-72-96 *	94	84	160	30"	60	72	96	240	54	3,000	2	12.50	N/A	N/A	0	No
SWT05EH-60-96-96 *	96	108	163	30"	60	96	96	320	63	4,000	3	12.50	N/A	N/A	0	No
SWT05EH-72-72-72 *	106	84	135	36"	72	72	72	216	54	2,500	2	11.57	N/A	N/A	0	Yes
SWT05EH-72-72-96	108	84	160	36"	72	72	96	288	63	3,500	3	12.15	N/A	N/A	0	No
SWT05EH-72-96-96	110	108	167	36"	72	96	96	384	72	4,500	3	11.72	N/A	N/A	0	Yes
SWT05EH-72-120-96	112	132	169	36"	72	120	96	480	81	5,500	3	11.46	N/A	N/A	0	No

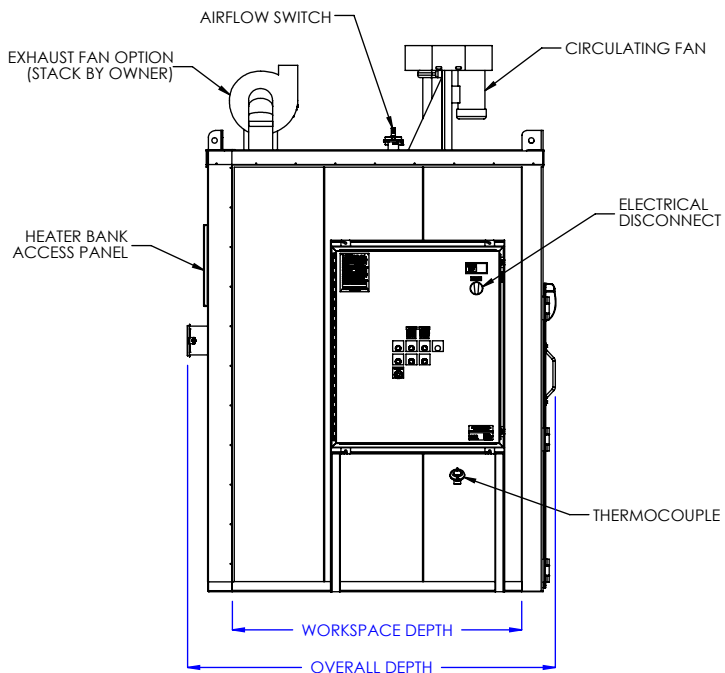
Model (NFPA Class A)	Overall Dimensions			Door Swing Radius	Workspace Dimensions			Workspace Volume (cubic ft.)	Heater Bank (kW)	Circulating Fan (CFM)	Motor (HP)	Air Changes per Minute	Exhaust Fan Capacity (CFM)	Exhaust Motor (HP)	Solvents per Batch (Gals.)	Ships Fully Assembled
	"W	"D	"H		"W	"D	"H									
SWT05EH-48-48-60 *	76	60	150	24"	48	48	60	80	36	1,000	1	12.50	62	1/4	0.05	No
SWT05EH-48-48-72 *	76	60	162	24"	48	48	72	96	45	1,400	1	14.58	62	1/4	0.05	No
SWT05EH-48-48-96 *	78	60	186	24"	48	48	96	128	54	1,700	1	13.28	62	1/4	0.05	No
SWT05EH-48-72-72 *	78	84	162	24"	48	72	72	144	54	1,700	1	11.81	62	1/4	0.05	No
SWT05EH-48-72-96 *	78	84	186	24"	48	72	96	192	54	2,500	2	13.02	62	1/4	0.05	No
SWT05EH-48-96-72 *	82	108	162	24"	48	96	72	192	54	2,500	2	13.02	62	1/4	0.05	No
SWT05EH-48-96-96 *	82	108	187	24"	48	96	96	256	63	3,000	2	11.72	62	1/4	0.05	No
SWT05EH-60-60-60 *	88	72	150	30"	60	60	60	125	45	1,400	1	11.20	62	1/4	0.05	No
SWT05EH-60-60-72 *	90	72	162	30"	60	60	72	150	54	1,700	1	11.33	62	1/4	0.05	No
SWT05EH-60-60-96 *	94	72	186	30"	60	60	96	200	63	2,500	2	12.50	62	1/4	0.05	No
SWT05EH-60-72-72 *	92	84	162	30"	60	72	72	180	54	2,500	2	13.88	62	1/4	0.05	No
SWT05EH-60-72-96 *	94	84	187	30"	60	72	96	240	63	3,000	2	12.50	62	1/4	0.05	No
SWT05EH-60-96-96 *	96	108	190	30"	60	96	96	320	81	4,000	3	12.50	100	1/4	0.08	No
SWT05EH-72-72-72 *	106	84	162	36"	72	72	72	216	63	2,500	2	11.57	62	1/4	0.05	No
SWT05EH-72-72-96	108	84	187	36"	72	72	96	288	72	3,500	3	12.15	62	1/4	0.05	No
SWT05EH-72-96-96	110	108	194	36"	72	96	96	384	90	4,500	3	11.72	100	1/4	0.08	No
SWT05EH-72-120-96	112	132	196	36"	72	120	96	480	99	5,500	3	11.46	100	1/4	0.08	No

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

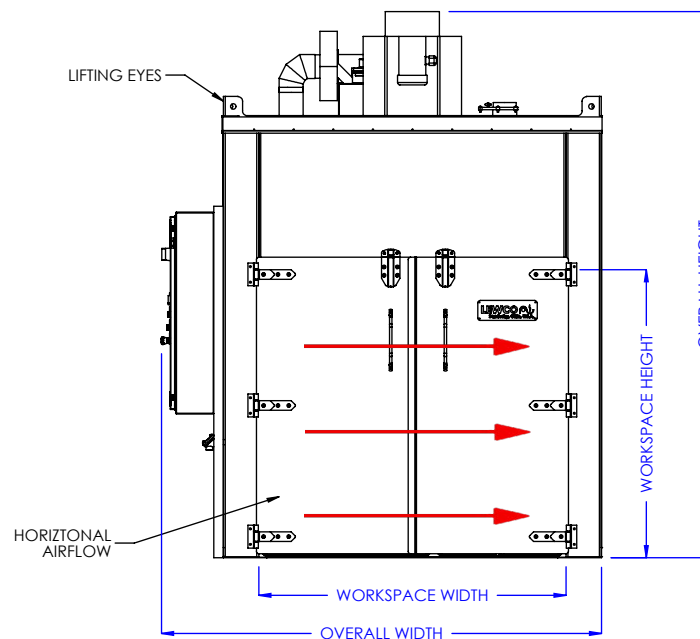
NOTE: Sizes are approximate. LEWCO, Inc. reserves the right to change specifications without notice.



PLAN VIEW



LEFT SIDE ELEVATION



FRONT ELEVATION

MODEL: SWT05EH

DESCRIPTION: NORMAL DUTY WALK-IN OVEN, TOP MOUNT HEATER, 500°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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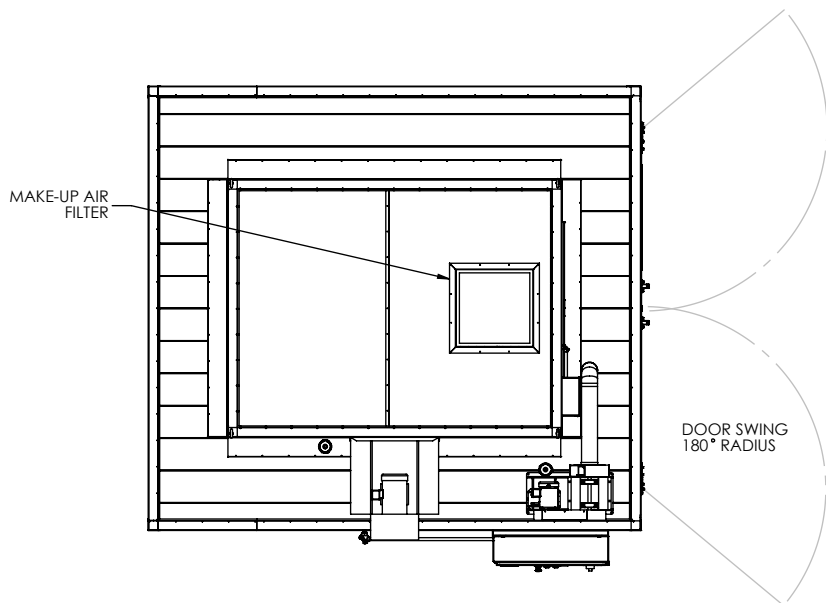
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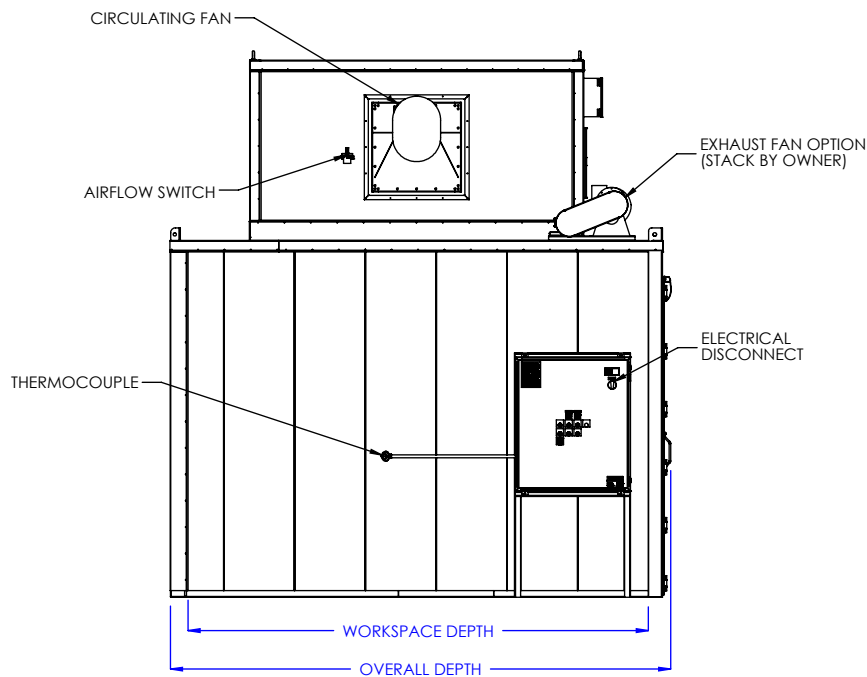
PAGE: 3 of 4



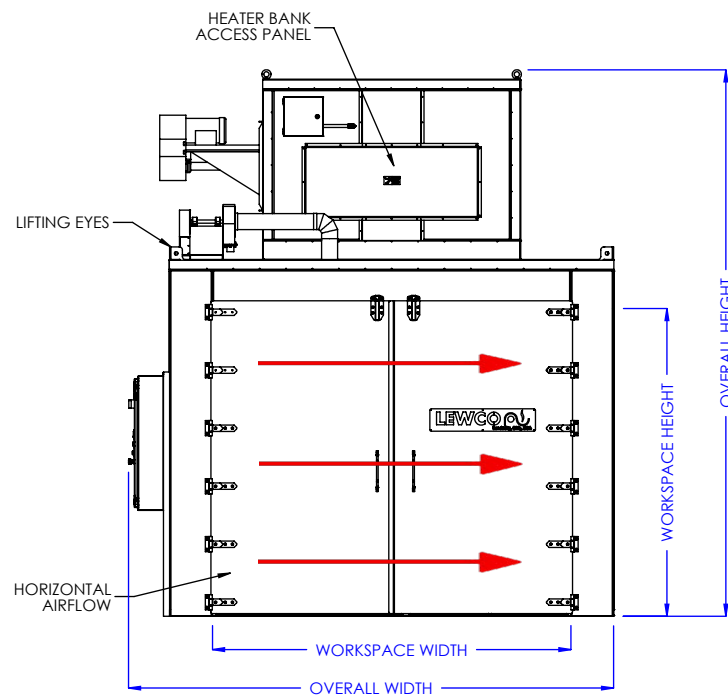
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PAGE: 4 of 4



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